



JANUARY 25, 2019
PROJECT # P1E 2019-01-005

SUBJECT SITE
34443 WEST FLORIDA AVENUE AND
34725 HIGHWAY 75,
HEMET, CA 92545
APN: 465-040-25, 465-040-26, 465-040-27
LAT: 33.741902, LONG: -117.055934

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT REPORT

PREPARED FOR:
JOSEPH RIVANI
GLOBAL INVESTMENT AND DEVELOPMENT, LLC.
3470 WILSHIRE BOULEVARD, #120,
LOS ANGELES, CA 90010

PHASE 1 ENVIRONMENTAL SITE ASSESSMENT REPORT
34443 WEST FLORIDA AVENUE AND 34725 HIGHWAY 75, HEMET, CA 92545

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January 25, 2019
P1E 2018-01-005

Joseph Rivani
Global Investment and Development, LLC.
3470 Wilshire Boulevard, #120,
Los Angeles, Ca 90010

Subject: Phase 1 Environmental Site Assessment for
34443 West Florida Avenue and 34725 Highway 75,
Hemet, CA 92545
APN: 465-040-25, 465-040-26, 465-040-27
Riverside County
Lat: 33.741902, Long: -117.055934

As requested by Mr. Rivani, we have prepared an Environmental Site Assessment (Phase 1) for the property located at 34443 West Florida Avenue and 34725 Highway 75, Hemet, CA 92545. The property is identified by the Assessor's Parcel Numbers (APNs) 465-040-25, 465-040-26, 465-040-27. This report was produced in accordance with the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessments Process (ASTM 1527-13) and is in general compliance with the All Appropriate Inquiries (AAI) rule.

1.0 EXECUTIVE SUMMARY

A Phase 1 Environmental Site Assessment has been conducted for the subject property, the Opinion, Conclusions and Recommendations are provided below.

Findings

- 1) **Site Legal Description:** The subject property consists of three parcels, located at 34443 West Florida Avenue and 34725 Highway 75, Hemet, CA 92545. The property is identified by the Assessor's Parcel Numbers (APNs) 465-040-25, 465-040-26, 465-040-27.
- 2) **Site History:** From the 1940s to sometime in the early 2000s, the subject property was used as a rock quarry. A residence existed on the subject property from 1949 to early 1980s. Additionally, the site is listed under individual names in 1975 and 1980 and is no longer listed in 1985. Possibly as early as 1985, an AST existed onsite which was also observed during the site reconnaissance as part of a Geotechnical Investigation conducted by GEOCON in early 2004. Since 2004, the subject property has been vacant land.
- 3) **Site Observation:** Currently the property is vacant land. No significant staining was observed throughout the outdoor grounds of the subject property. Trash and debris are scattered throughout the south half of the subject property.
- 4) **EDR Findings for Subject Site:** The subject property was not listed in Environmental Records Sources searched.

5) **EDR Radius Report Findings:**

EDR reports one ENVIROSTOR site within the searched parameters of the subject property.
No Orphan Sites were found.

Opinions

- 6) **Recognized Environmental Conditions:** an AST was observed by GEOCON in their site reconnaissance of the subject property as part of a Geotechnical Investigation report conducted in 2004. The 1985, 1989, 1996, and 2002 Aerial Photographs show a possible long narrow object located on the southeast portion of the subject property. Based on the lack of secondary containment structure located on the subject property and likeness that the tank was placed directly on soil; this is considered a significant environmental concern.
- 7) **Business Risk:** A residence existed in the northwest portion of the subject property until 1980s; grading activities conducted on the site could potentially encounter an on-site sewage system and would need to be properly removed and replace per the Geotechnical Engineering company's recommendations.
- 8) **EDR Radius Report Review:** The cases listed in the EDR report are not anticipated to impact the subject property at this time, based on the type of listings, distance to the subject site, and additional information located in Geotracker and EnviroStor databases.

Conclusions

- 9) We have performed a Phase 1 Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 for the subject property, which consists of three parcels, located at 34443 West Florida Avenue and 34725 Highway 75, Hemet, CA 92545. The property is identified by the Assessor's Parcel Numbers (APNs) 465-040-25, 465-040-26, 465-040-27. The subject property was not listed in the Environmental Records Sources searched. Any exceptions to, or deletions from, this practice are described in the Limitations Section of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property; except the following:
- An AST was present on the southeast portion of the subject property as early as 1985 to 2004. Based on the lack of secondary containment structure located on the subject property and likeness that the tank was placed directly on soil; this is considered a significant environmental concern.

Recommendations

Additional investigation is recommended in the southeast portion of the subject property in the area of the former AST.

2.0 INTRODUCTION

2.1 Location and Legal Description

The subject property consists of three parcels, located at 34443 West Florida Avenue and 34725 Highway 75, Hemet, CA 92545. The property is identified by the Assessor's Parcel Numbers (APNs) 465-040-25, 465-040-26, 465-040-27. A site vicinity map and a generalized location map are located on in Appendix 9.2.

2.2 Site and Vicinity General Characteristics

The subject property is located in the west of the City of Hemet and east of the community of Valle Vista in the San Jacinto Valley, located in Riverside County, California. The subject property is located on the south side of the west to east trending West Florida Avenue. The surrounding properties consists of Agricultural, undeveloped land and residential single-family residential properties.

2.3 Description of Improvements on Property

The subject property consists of an approximately 30-acres of vacant land. Traversing the site from north to south along the west, east and mid portions of the property are dirt trails which connect to a dirt road that cross the south boundary of the subject property from east to west. The south portion of the property is a rocky knoll that appears to have sections of disturbed earth. Several piles of gravel are located in the southeast portion of the property. Powerlines are located along the north side of the south dirt trail.

2.4 Current Uses of Adjoining Properties

Direction	Type of Use
North	Single Family Residential.
East	Agricultural – unimproved vacant land and Single Family Residential.
South	Agricultural – unimproved vacant land and Single Family Residential.
West	Agricultural – unimproved vacant land.

2.5 Purpose

The purpose of this Phase 1 Environmental Site Assessment is to identify to the extent feasible recognized environmental conditions (REC) in connection with the property. Following the processes prescribed by the AAI rule and in ASTM Standard E1527-13, Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment process.

- ❖ As defined by ASTM E1527-13, §1.1.1, the term "recognized environmental conditions" is defined as follows: *"The presence or likely presence of any hazardous substance or petroleum products in, on or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions."*
- ❖ As defined by ASTM E1527-13, §3.2.18, the term "controlled recognized environmental condition" is defined as follows: *"A recognized environmental condition resulting from a past release of hazardous*

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

- ❖ As defined by ASTM E1527-13, §3.2.42, the term "historical recognized environmental condition" is defined as follows: "A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)."

2.6 Detailed Scope-of-Work

The scope of work performed for this Phase 1 Environmental report includes:

- Collecting and reviewing available environmental related information concerning the property and other data pertinent to the specific site per the ASTM standard 1527;
- Conducting a site visit to observe current site uses, observe adjacent land use, and gather data on possible spills, or misuse of chemicals that could be considered a REC;
- Contracting appropriate regulatory personnel and reviewing regulatory files regarding the property in question.

No additional non-scope considerations per Section 13 of ASTM 1527-13 were included in this Phase 1 Report including sections 13.1.5.1 to 13.1.5.14.

2.7 Significant Assumptions

No Significant assumptions were made in this assessment.

2.8 Limitations and Exceptions

Limitations

This report is applicable only for the project and site studied. Report findings and statements of professional opinion do not constitute a guarantee or warranty, expressed or implied. This report contains information and data provided by others and Priority One Environmental, Inc. in no way warrants the accuracy or completeness of the information provided by those sources. Our services are performed in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. This report is prepared using the ASTM Standard E1527-13 and includes several inherent limitations, including but not limited to: Section 4.5.1 - Uncertainty Not Eliminated, Section 4.5.2 - Not Exhaustive, Section 7.4 - No Sampling, and Section 7.5.2.1 - Reliance.

Exceptions

No exceptions to or deviations from the ASTM standard 1527-13 were made during the course of our work except for the following:

- *No Interviews were conducted with local agencies as part of this assessment. Relevant local agencies for the area have policies of referring requests for interviews to their file review departments.*

These limitations are not anticipated to represent a significant data gap for the investigation.

2.9 Special Terms and Conditions

We have been authorized by **Mr. Rivani** to perform a Phase 1 environmental site assessment of the subject property. It is our understanding that **Mr. Rivani** will use the information contained in the report for due diligence and innocent landowner's protection under CERCLA. Without prior written consent of the client, Priority One Environmental, Inc. will keep confidential and not disclose to any person or entity, and data or information provided by the client or generated in conjunction with the performance of this study, except when required by law. Provisions of confidentiality shall not apply to data or information obtained from the public domain or acquired from third parties not under obligation to the client to maintain confidentiality.

2.10 User Reliance

This report was prepared for the exclusive use of **Mr. Rivani and Global Investment and Development, LLC.** No other person or entity is entitled to rely upon this report without the specific written authorization of Priority One Environmental, Inc. Such reliance is a subject to the same limitations, terms, and conditions as the original contract with the client. Priority One Environmental, Inc. specifically disclaims any responsibility for any unauthorized use of this report. Based on the ASTM standard this Phase 1 report is reliable for 180 days from the date the work was conducted.

3.0 USER PROVIDED INFORMATION

3.1 Title Records

A First American Preliminary Title Report dated November 13, 2018 was provided for review. No Environmental concerns were identified.

3.2 Environmental Liens or Activity and Use Limitations

No Additional information was provided identifying actual knowledge of environmental liens or activity and use limitations recorded against the subject property. The California State Department of Toxic Substances website EnviroStor was searched and no environmental liens placed by the State environmental agency for the subject site was found.

3.3 Specialized Knowledge

No information was provided identifying specialized knowledge or experience that is material to recognized environmental conditions in connection with the subject property.

3.4 Commonly Known or Reasonably Ascertainable Information

No information was provided identifying knowledge of commonly known or reasonably ascertainable information related to the subject property.

3.5 Valuation Reduction for Environmental Issues

No Information was provided identifying knowledge of valuation reduction of the subject property.

3.6 Owner, Property Manager, and Occupant Information

Information provided by the owner of the subject property is discussed in Section 6.0 of this report.

3.7 Reason for Performing Phase 1

The Phase 1 has been requested by the client for the use in the purchase of the property.

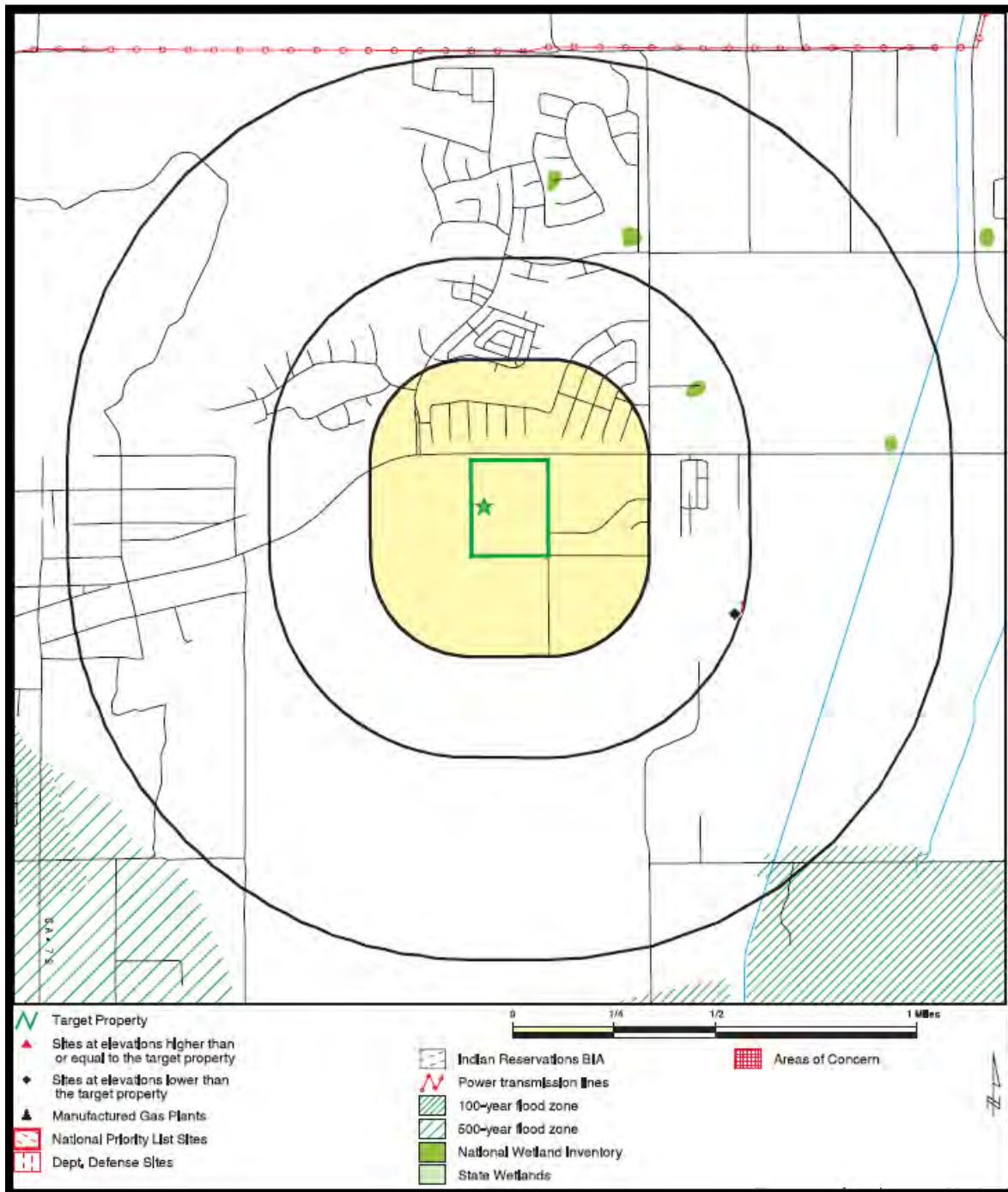
3.8 Other

No other information was provided for review related to the subject property.

4.0 RECORDS REVIEW

4.1 EDR Map Findings

The subject property is located at 34443 West Florida Avenue and 34725 Highway 75, Hemet, CA 92545. The property is identified by the Assessor's Parcel Numbers (APNs) 465-040-25, 465-040-26, 465-040-27. The subject property was listed in the Environmental Records searched under the FINDS, RCRA-SQG, ECHO, and HAZNET databases.



Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	1	0	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
<i>State and tribal registered storage tank lists</i>								
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
<i>State and tribal voluntary cleanup sites</i>								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<i>State and tribal Brownfields sites</i>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<u>ADDITIONAL ENVIRONMENTAL RECORDS</u>								
<i>Local Brownfield lists</i>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<i>Local Lists of Landfill / Solid Waste Disposal Sites</i>								
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
<i>Local Lists of Hazardous waste / Contaminated Sites</i>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<i>Local Lists of Registered Storage Tanks</i>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
<i>Local Land Records</i>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DEED	0.500		0	0	0	NR	NR	0
<i>Records of Emergency Release Reports</i>								
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
<i>Other Ascertainable Records</i>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	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	0.001		0	NR	NR	NR	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	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
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	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
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
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	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
WIP	0.250		0	0	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
WDR	0.001		0	NR	NR	NR	NR	0
<u>EDR HIGH RISK HISTORICAL RECORDS</u>								
<i>EDR Exclusive Records</i>								
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
<u>EDR RECOVERED GOVERNMENT ARCHIVES</u>								
<i>Exclusive Recovered Govt. Archives</i>								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	0	0	1	0	0	1
NOTES:								
TP = Target Property								
NR = Not Requested at this Search Distance								
Sites may be listed in more than one database								

For the full name, description, and the date each of the databases were last updated, please refer to the Government Record section of the EDR® Report.

4.2 Subject Site

EDR Reports the site was not listed in the databases searched by EDR.

4.3 Surrounding Properties

One site is listed in the radius report for surrounding properties.

Site Name(s)	Address	Distance	Databases
Cawston Elementary School No. 2	Cawston Ave/Menlo Ave	0.484, ESE	ENVIROSTOR
Comments: The status of the ENVIROSTOR Case is listed as No Further Action as of 05/28/2001. The potential description was soil and the potential chemicals of concern were Cobalt DDE Hepachlor. Based on the closed case and potential media impacted, this site is not anticipated to impact the subject property.			

4.4 Orphan Properties

No Orphan sites were found.

4.5 Physical Setting Sources

According to the most recent USGS Topographic map covering to subject property and vicinity, the subject site is relatively level on the north portion of the property. The south portion of the property is a small hill. The site lies at approximately 1555 feet above sea-level. The regional topography slopes to the east.

According to EDR GEOCHECK the site is mapped as a Loam soils with as three different Hydrologic Group Classifications. Class A, B and C. The exterior of the property is mapped as Class B, Class B is defined as soils with moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures. The soils have a low corrosion potential versus uncoated steel. A ring of round the south center of the property is mapped as Class C, Class C is defined as soils with slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures. The soils have a low corrosion potential versus uncoated steel. The south center of the property is mapped as Class A, Class A is defined as soils with high infiltration rates. Soils are deep, well drained to excessively drained sands and gravels. Corrosion potential versus uncoated steel was not reported.

The average groundwater well depth within one half (0.50) miles of the site is approximately 33 feet below the ground surface and 37 feet below ground surface at one (1.00) mile from the site.

According to State Database: CA Radon, the subject site is located within zipcode: 92545. Zipcode 92545 had six (6) tests taken with zero (0) above >4 pCi/L. Federal EPA Radon Zone for Riverside County is 2. No interior or exterior radon measurements were performed as part of this report.

4.6 Sanborn Insurance Maps

An attempt was made by EDR to obtain Sanborn Insurance Company maps for the period covering the years 1860 through the present in order to determine what types of activities were conducted on the subject property and on adjoining properties. No Sanborn maps were found.

4.7 Historical Aerial Photographs

Aerial photographs of the subject property provided by EDR were reviewed as part of this investigation.

Subject Property	Year(s)	Description
	1938	The 1938 photography shows only the west edge of the subject property. The northwest portion appears to be used as part of a agricultural row-crop field that extends to the west. The south portion is a native land with several dirt trails that extend to the east off the photo.
	1949	In 1949, the site appears to be no longer used as agricultural row-crops. A dirt trail traverses the site from the north subject street to the center of the knoll on the south side of the property. The area of the center of the knoll appears to a quarry.
	1953	In 1953, a pair of structures are existing on the northwest portion of the property. Quarry and trail are existing.
	1961	The two structures are still existing on the northwest portion of the property. The quarry has expanded to cover most of the knoll.
	1967	In 1967, on the north structure appears to be still existing in the northwest portion of the property. The quarry still appears to be active.
	1978	The quarry has expanded to the northwest covered areas past the knoll. A part of tractors (front loaders) can be seen on the mid portion of the subject property.
	1985	The structure on the northwest portion of the property has been removed. The quarry has expanded to the west, east and northeast of the knoll. A possible AST is existing on the southeast portion of the property.
	1989	The quarry appears to be only active on the east side of the knoll. The possible AST has been moved to the south, along the south boundary of the subject property.
	1996-2002	Similar to 1989.
	2006-2009	By 2006, the AST has been removed from the subject property.
	2012-2016	Vegetation has started growing over the former quarry, the quarry appears to no longer be active.

Property to	Year	Description
North	1939-1996	From 1938 to 1996, the property to the north of the subject street was used as agricultural row-crops.
	2002	The property appears to be vacant grass field.
	2006	By 2006, tract of single-family homes has been developed to the north.

	2009-2016	Similar to 2006.
--	-----------	------------------

Property to South	Year	Description
	1938	In 1938, the property to the south of the subject property is a cleared field.
	1949-1953	A residence is existing to the south-southeast of the subject property. The rest of the property to the south is a cleared field or agricultural row crops.
	1961	Several buildings have been added to the west and southwest of the residence. The rest of the property to the south is a cleared field.
	1967-1978	Similar to 1961.
	1985-2016	The property to the south is no longer used as agricultural row-crops. Structures have been added and removed near the residence to the south from 1985 to 2016.

Property to East	Year	Description
	1938	The property to the east is not shown on this photograph.
	1949	From 1949, the property to the east is a cleared field.
	1953	The property to the east is used as agricultural row-crops.
	1961-1978	The property to the east is either cleared fields or used agricultural row-crops.
	1985	By 1985, the tract of homes to the east-southeast is under development with several homes existing. The property to the east is a grass field.
	1989	Several more homes have been added to the tract to the east-southeast. The property to the east remains a grass field.
	1996-2016	The homes to the east-southeast and field to the east appear similar from 1996 to 2016.

Property to West	Year	Description
	1938	The property to the west of the subject property is used as agricultural row-crops.
	1949	The property to the west is a cleared field.
	1953-1967	The property to the west of the subject property is used as agricultural row-crops.
	1978-2002	The property to the west is a cleared field.

	2006	A structure or tractor trailer is existing on the south portion of the property to the west. The rest of the property is a cleared field.
	2009-2016	The property to the west is a cleared field. The structure/tractor trailer has been removed.

These photos are included in the Appendix.

4.8 Historical Topographic Maps

Topographic maps of the subject property provided by EDR were reviewed as part of this investigation.

YEAR(S)	DESCRIPTION.
1901	In 1901, the subject street is existing. Pleasant Valley Company's Channel is existing to the east. The topography trends to the southeast.
1942, 1943, 1947	In 1942, The subject street is labeled Florida Avenue. A trail is mapped along the south side of the property. A small trail leads towards the knoll on the south side of the property. The elevation of the site is approximately 1550 to 1600' at the top of the knoll.
1953	The south portion of the property is mapped as a Quarry. A structure is mapped on the northwest portion of the site, a second structure is mapped on the southeast corner of the subject property. A trail leads from the Florida Avenue to the quarry.
1967	The subject property is not mapped.
1973, 1979	The quarry is mapped and several trails transverse the property.
2012	The topography and elevation appear similar as it does in 1942.

These maps are included in the Appendix.

4.9 City Directories

A search of local historical city directories was conducted by EDR for the subject property. The review included directories in five-year intervals from 1920 to 2014 (as available).

- 34443 West Florida Avenue (Subject Property):

YEAR(S)	LISTED USES.
1985	XXXX.
1980	Cooper Raymond L.
1975	Sandoval Roberto F.

No additional records were identified for the subject property based on the address provided. The surrounding properties are listed in detail in the attached Directory Search.

Based on the aerial photos, topographic maps of the site and the assessor records, the subject properties' building was constructed between 1949 and 1953 and demolished by 1985. The quarry appears to have been active from the 1940s to the early 2000s.

5.0 SUBJECT PROPERTY RECONNAISSANCE

A visual reconnaissance of the subject property was conducted on Monday, January 21, 2019 by Mr. Paul Robinson. Photographs of the subject property are attached to this report in Appendix.

5.1 Methodology and Limiting Conditions

The periphery of the subject property was inspected. A detailed inspection was conducted of all major site features visible from the public portions of the property.

5.2 Subject Property Reconnaissance

Observations made during the site visit are summarized in the following table:

SITE VISIT OBSERVATIONS			
Current Use of Property	Vacant land.		
Evidence of Past Uses of Property?	Backhoe scraps on south portion of property.		
Potable Water Source	N/A.		
Sewage Disposal Source	N/A.		
Topography of property and vicinity	Relatively level		
Current use of adjoining properties	NORTH: Single Family Residential. SOUTH: Single Family Residential and vacant land. EAST: Single Family Residential and vacant land. WEST: Vacant land.		
Past Uses of Surrounding Properties?	No past use is identifiable.		
Observation Check List			
Type	Observed	Not Observed	Notes
Odors		X	
Transformers (Pole/Pad Mounted)	X		Southeast corner of property.
USTs		X	
ASTs		X	
Fuel Island		X	
In-ground Hydraulic Hoist		X	
Hazardous Waste Storage		X	
Hazardous Waste Treatment		X	
Hazardous Waste Disposal		X	
Major Spills		X	

Major Leaks		X	
Significant Staining		X	
Distressed Vegetation		X	
Stocked Piled Soils		X	
Waste treatment Unit/Clarifier		X	
Solid Waste Disposal		X	
Wells		X	
Underground Pipelines		X	
Pits, Ponds, and/or Lagoons		X	
Herbicide and/or Pesticide		X	

5.3 Detailed Observations

The subject property is vacant land with a small knoll on the south portion of the subject property. Household debris including tires, pieces of drywall, furniture, and other miscellaneous household items were scattered throughout the south portion of the property, particular along the southwest corner of the property.

Polychlorinated Biphenyl (PCB's)

PCB manufacturing in the United States was discontinued in 1978. Pole-mounted transformers were found in the vicinity of the subject site building, appearing in good condition without any sign of leakage.

Pools of Liquid of Chemicals

No pools or excessive ponding of liquid or chemicals were observed during the visual site inspection.

Underground Storage Tank (UST)

The visual inspection of the subject site revealed no evidence of surface or above ground (e.g., fill pipe, vent pipes, fill connections, concrete pads, saw cuts, sumps, spill containment device, leak detection device, etc.) features normally associated with underground storage tanks (UST's).

Aboveground Storage Tank

The visual inspection of the subject site revealed no evidence of surface or above ground (e.g., fill pipe, vent pipes, fill connections, concrete pads, saw cuts, concrete pad, drains in vicinity, etc.) features normally associated with aboveground storage tanks (AST's). Visual observation also includes the inspection to identify any surface markings indicating the existence of aboveground product pipelines. No evidence for the presence of on-site aboveground storage tank was identified.

Fuel Islands

The visual inspection of the subject site revealed no evidence of fuel islands or dispensers either in operation or abandoned.

Hydraulic Hoist Unit

The visual inspection of the subject site revealed no presence of underground hydraulic hoist units within the subject site premise.

Hazardous Materials/Petroleum Products Storage & Handling

During the visual site inspection, no containers storing automotive or industrial batteries, pesticides, paints or chemicals, seemingly exhibiting toxic hazards were observed.

Other Containers

No other containers indicating any sign of environmental concern were observed during the site inspection.

Hazardous Waste Treatment, Storage, Disposal (TSD)

No storage, treatment, or disposal of hazardous waste was found during the visual site inspection.

Major Spills, Leaks or Staining

No major spills, leakage, or staining were observed throughout the outdoor grounds. No staining or surface staining on the bare soil or unpaved lands were identified during the site inspection.

Distress Vegetation

Planters and vegetation in the vicinity of and within the subject site were found well maintained on bare soil or within separate planters in relatively good appearance with no sign of chemical stress or unnatural appearance.

Stockpiled Soils

The site inspection did not reveal any evidence of stockpiled soils on the ground of subject property.

Wastewater Treatment Unit/Clarifier

No underground industrial wastewater treatment facility, i.e., clarifier was observed on the subject property during the site visit.

Solid Waste Disposal

There were no observations of improper activities of treatment or disposal of hazardous, medical, or toxic wastes being performed at the subject site.

Wells

The site walk-through did not discover any irrigation wells, injection wells, abandoned wells, groundwater monitoring wells, dry wells, septic wells, oil wells, gas wells, domestic water wells, or other monitoring wells on the subject site premise.

Underground Pipelines

The visual site inspection did not reveal any evidence of underground pipelines beneath the ground of the subject property, other than public utility lines such as sewer, power, and electric lines, for which public "dig-alert" service would easily identify upon 48-hour telephone notice in advance.

Pits, Ponds, Lagoons

No visible evidence of wetlands, such as pits, ponds, lagoons, or any other water bodies, was observed within the subject property's boundary lines.

Herbicides/Pesticides

No evidence of herbicide or pesticide use on the subject property was observed during the visual site inspection.

6.0 INTERVIEWS

An attempt has been made to obtain historical as well as current information relative to the subject property from several individuals and local agencies. The objective of the interview process is to obtain any information indicating recognized environmental conditions in connection with the subject site.

6.1 Interview with Owner or Site Manager

An Environmental Questionnaire and Disclosure Statement were sent to Mr. Rivani, on Monday, January 14, 2019. The questionnaire was returned on Monday, January 21, 2019. The property is currently owned by the Six-HH 30 Partners Limited Partnership which bought the property in 2012. The previous owner is listed as Hemet Highlands Associates, LLC. No environmental concerns were identified.

A Geotechnical Investigation report prepared by GEOCON dated April 6, 2004 was provided by Mr. Rivani for review. During the site reconnaissance, a 15-foot long by 8-foot diameter tank was observed in the southeastern area of the property during the site reconnaissance. The tank was suspected to contain fuel oil.

6.2 Interview with Local Government Officials

County Environmental Health Department

The County of Riverside Department of Environmental Health was contacted as part of the records review of the subject property. The department acknowledged our request on January 15, 2019; however, a release of records letter has not been received as of the date of this report.

GEOTRACKER/ENVIROSTOR Database Review

The GEOTRACKER database and the ENVIROSTOR database were reviewed for any additional information available in regards to the subject property. No additional information was located for the subject property.

Interview with Others

No additional interviews were conducted in this assessment.

7.0 EVALUATIONS

7.1 Findings

- 1) **Site Legal Description:** The subject property consists of three parcels, located at 34443 West Florida Avenue and 34725 Highway 75, Hemet, CA 92545. The property is identified by the Assessor's Parcel Numbers (APNs) 465-040-25, 465-040-26, 465-040-27.
- 2) **Site History:** From the 1940s to sometime in the early 2000s, the subject property was used as a rock quarry. A residence existed on the subject property from 1949 to early 1980s. Additionally the site is listed under individual names in 1975 and 1980 and is no longer listed in 1985. Possibly as early as 1985, an AST existed onsite which was also observed during the site reconnaissance as part of a Geotechnical Investigation conducted by GEOCON in early 2004. Since 2004, the subject property has been vacant land.
- 3) **Site Observation:** Currently the property is vacant land. No significant staining was observed throughout the outdoor grounds of the subject property. Trash and debris are scattered throughout the south half of the subject property.
- 4) **EDR Findings for Subject Site:** The subject property was not listed in Environmental Records Sources searched.
- 5) **EDR Radius Report Findings:**

EDR reports one ENVIROSTOR site within the searched parameters of the subject property.
No Orphan Sites were found.

7.2 Opinions

- 6) **Recognized Environmental Conditions:** an AST was observed by GEOCON in their site reconnaissance of the subject property as part of a Geotechnical Investigation report conducted in 2004. The 1985, 1989, 1996, and 2002 Aerial Photographs show a possible long narrow object located on the southeast portion of the subject property. Based on the lack of secondary containment structure located on the subject property and likeness that the tank was placed directly on soil; this is considered a significant environmental concern.
- 7) **Business Risk:** A residence existed in the northwest portion of the subject property until 1980s; grading activities conducted on the site could potentially encounter an on-site sewage system and would need to be properly removed and replaced per the Geotechnical Engineering company's recommendations.
- 8) **EDR Radius Report Review:** The cases listed in the EDR report are not anticipated to impact the subject property at this time, based on the type of listings, distance to the subject site, and additional information located in Geotracker and EnviroStor databases.

7.3 Conclusions

- 9) We have performed a Phase 1 Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 for the subject property, which consists of three parcels, located at 34443 West Florida Avenue and 34725 Highway 75, Hemet, CA 92545. The property is identified by the Assessor's Parcel Numbers (APNs) 465-040-25, 465-040-26, 465-040-27. The subject property was not listed in the Environmental Records Sources searched. Any exceptions to, or deletions from, this practice are described in the Limitations Section of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property; except the following:
- An AST was present on the southeast portion of the subject property as early as 1985 to 2004. Based on the lack of secondary containment structure located on the subject property and likeness that the tank was placed directly on soil; this is considered a significant environmental concern.

7.4 Recommendations

Additional investigation is recommended in the southeast portion of the subject property in the area of the former AST.

7.5 References

- Environmental Data resources, Inc (EDR) Report
- ASTM Standard E1527-13 - Phase 1 Standard
- U.S. Geological Survey Topographic Maps
- State Water Resources Control Board, GEOTRACKER (geotracker.waterboards.ca.gov)
- Department of Toxic Substance Control, ENVIROSTOR (www.envirostor.dtsc.ca.gov)

7.6 Professional Signature

According to Code of Federal Regulations CFR - Title 40 §312.10, Environmental Professional is defined as:

"(1) a person who possess sufficient specific education, training, and experience necessary to exercise professional judgment to develop opinions and conclusions regarding conditions indicative of releases or threatened releases (see §312.1(c)) on, at, in, or to a property, sufficient to meet the objectives and performance factors in §312.20(e) and (f).

(2) Such a person must:

(i) hold a current professional engineer's or Professional Geologist's license or registration from a state, tribe, or U.S. territory (or the Commonwealth of Puerto Rico) and have the equivalent of three (3) years of full-time relevant experience; or

(ii) Be licensed or certified by the federal government, a state, tribe, or U.S. territory (or the Commonwealth of Puerto Rico) to perform environmental inquiries as defined in §312.21 and have the equivalent of three (3) years of full-time relevant experience; or

(iii) Have a Baccalaureate or higher degree from an accredited institution of higher education in a discipline of engineering or science and the equivalent of five (5) years of full-time relevant experience; or

(iv) Have the equivalent of ten (10) years of full-time relevant experience".

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

It has been a pleasure to be of service. If any questions arise, please contact our office.

Sincerely,



Paul J. Robinson
Environmental Professional
Priority One Environmental, Inc.

8.0 NON-SCOPE SERVICES

No additional services as listed in the ASTM Standard 1527-13 have been requested in writing and placed under contract in regards to this assessment. Including, but not limited to Asbestos testing of material at the site, and drug lab uses of the site.

9.0 APPENDIX

- 9.1 Photographs of subject site.
- 9.2 Site Figures: Site Vicinity Map, Site Topographic Map, Site Parcel Map.
- 9.3 EDR Sanborn Map Search.
- 9.4 EDR Topographic Map Package.
- 9.5 EDR Historical Aerial Photographic Package.
- 9.6 EDR Radius Report.
- 9.7 EDR City Directory Search.
- 9.8 Local Agency Records (If any were found and reviewed).
- 9.9 Professional Qualifications (Resume).

9.1 Photos



Photo #1: View of subject property looking northwest.



Photo #2: View of southeast corner of subject property.



Photo #3: View of dirt road along west side of subject property looking toward subject street.



Photo #4: View of former quarry area on south portion of the subject property.



Photo #5: View of central portion of the subject property.



Photo #6: View of southwest portion of the subject property.



Photo #7: View of pole-mounted transformer in southeast corner of the subject property.



Photo #8: View of debris along west roadway.



Photo #9: View of debris on southwest portion of the subject property.



Photo #10: View of debris on southwest portion of the subject property.



Photo #11: View of debris along south side of the subject property.



Photo #12: View of debris along south side of the subject property.



Photo #13: View of dirt road along south side of the subject property.



Photo #14: View of vacant land to the south and southwest.



Photo #15: View of Donald Street and mobile homes to the east and southeast.



Photo #16: View of vacant land to the east.



Photo #17: View of vacant land to the west.



Photo #18: View of residential tract to the north.



FIGURE 1 - VICINITY MAP



PRIORITY ONE ENVIRONMENTAL
 LOS ANGELES - TULSA - CLEVELAND
 19528 VENTURA BOULEVARD, # 268, LOS ANGELES, CALIFORNIA 91356
 V/F (800) 704-4193 WWW.PRIORITY1ENVIRONMENTAL.COM

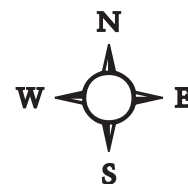


FIGURE 1



FIGURE 2 - LOCATION MAP



PRIORITY ONE ENVIRONMENTAL
 LOS ANGELES - TULSA - CLEVELAND
 19528 VENTURA BOULEVARD, # 268, LOS ANGELES, CALIFORNIA 91356
 V/F (800) 704-4193 WWW.PRIORITY1ENVIRONMENTAL.COM

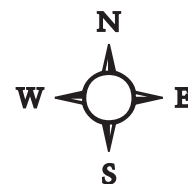


FIGURE 2

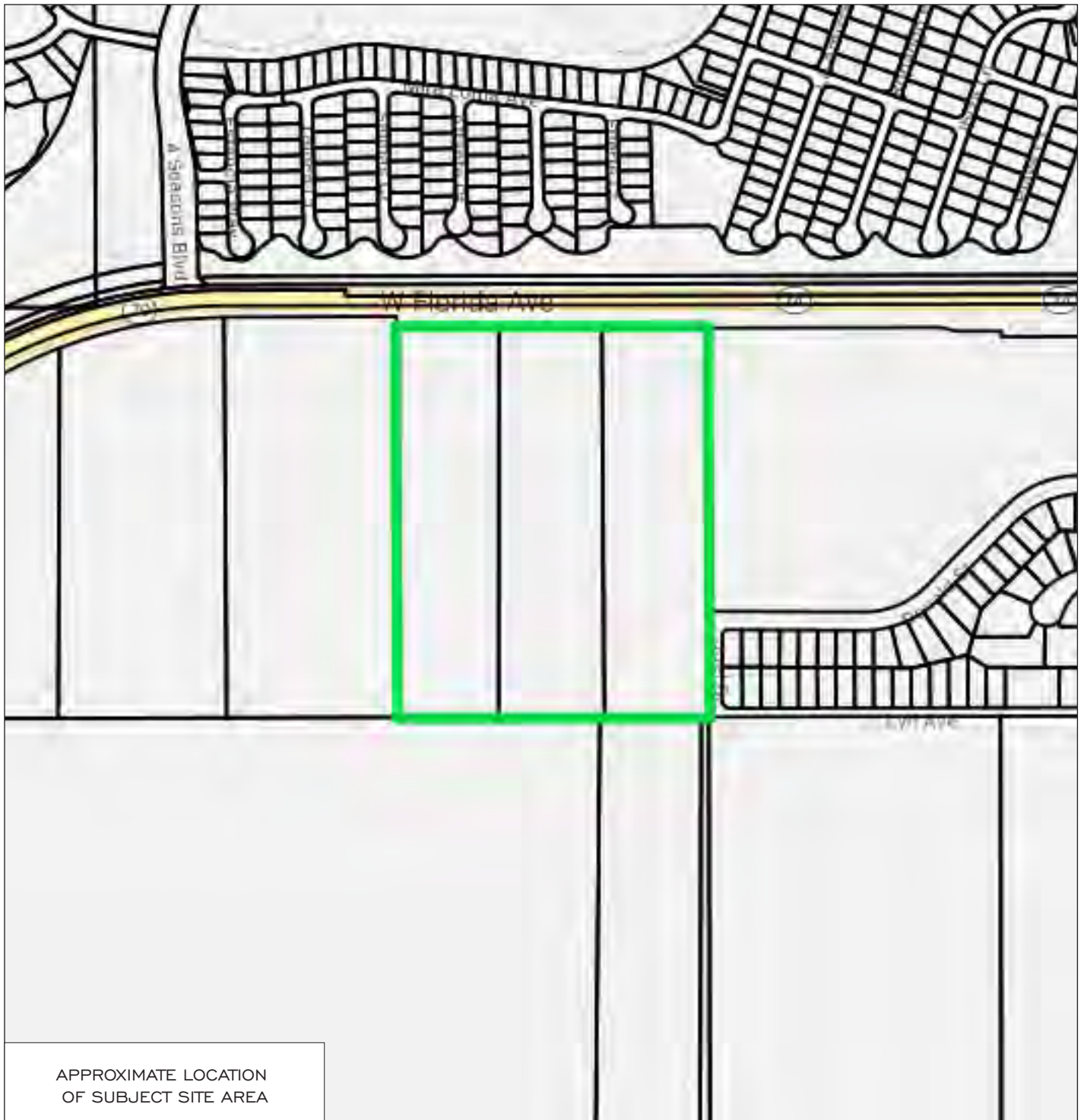


FIGURE 3 - PARCEL MAP



PRIORITY ONE ENVIRONMENTAL
 LOS ANGELES - TULSA - CLEVELAND
 19528 VENTURA BOULEVARD, # 268, LOS ANGELES, CALIFORNIA 91356
 V/F (800) 704-4193 WWW.PRIORITY1ENVIRONMENTAL.COM

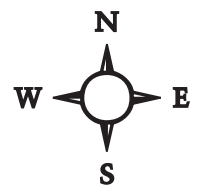


FIGURE 3



34443 West Florida Avenue

34443 West Florida Avenue

Hemet, CA 92545

Inquiry Number: 5537745.3

January 17, 2019

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

01/17/19

Site Name:

34443 West Florida Avenue
34443 West Florida Avenue
Hemet, CA 92545
EDR Inquiry # 5537745.3

Client Name:

Priority One Environmental, Inc.
19528 Ventura Boulevard, #268
Tarzana, CA 91356
Contact: Paul Robinson



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Priority One Environmental, 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 # A7C2-4A56-8FB2

PO # P1E-19-01-05

Project P1E-19-01-05

UNMAPED 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 #: A7C2-4A56-8FB2

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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34443 West Florida Avenue

34443 West Florida Avenue

Hemet, CA 92545

Inquiry Number: 5537745.4

January 17, 2019

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

01/17/19

Site Name:

34443 West Florida Avenue
34443 West Florida Avenue
Hemet, CA 92545
EDR Inquiry # 5537745.4

Client Name:

Priority One Environmental, Inc.
19528 Ventura Boulevard, #268
Tarzana, CA 91356
Contact: Paul Robinson



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Priority One Environmental, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.# P1E-19-01-05
Project: P1E-19-01-05

Latitude: 33.741912 33° 44' 31" North
Longitude: -117.057295 -117° 3' 26" West
UTM Zone: Zone 11 North
UTM X Meters: 494692.98
UTM Y Meters: 3733541.77
Elevation: 1551.95' above sea level

Maps Provided:

2012 1901
1979
1973
1967
1953
1947
1943
1942

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Winchester
2012
7.5-minute, 24000



Lakeview
2012
7.5-minute, 24000

1979 Source Sheets

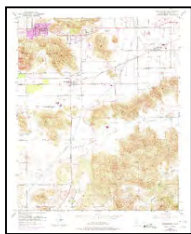


Winchester
1979
7.5-minute, 24000
Aerial Photo Revised 1976



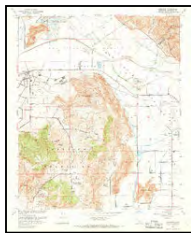
Lakeview
1979
7.5-minute, 24000
Aerial Photo Revised 1976

1973 Source Sheets



Winchester
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1967 Source Sheets



Lakeview
1967
7.5-minute, 24000
Aerial Photo Revised 1966

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1953 Source Sheets



Winchester
1953
7.5-minute, 24000
Aerial Photo Revised 1951



Lakeview
1953
7.5-minute, 24000
Aerial Photo Revised 1951

1947 Source Sheets



MURRIETA
1947
15-minute, 50000

1943 Source Sheets



PERRIS
1943
15-minute, 62500



Murrieta
1943
15-minute, 62500
Aerial Photo Revised 1939

1942 Source Sheets



Perris
1942
15-minute, 62500
Aerial Photo Revised 1939



Murrieta
1942
15-minute, 62500
Aerial Photo Revised 1939

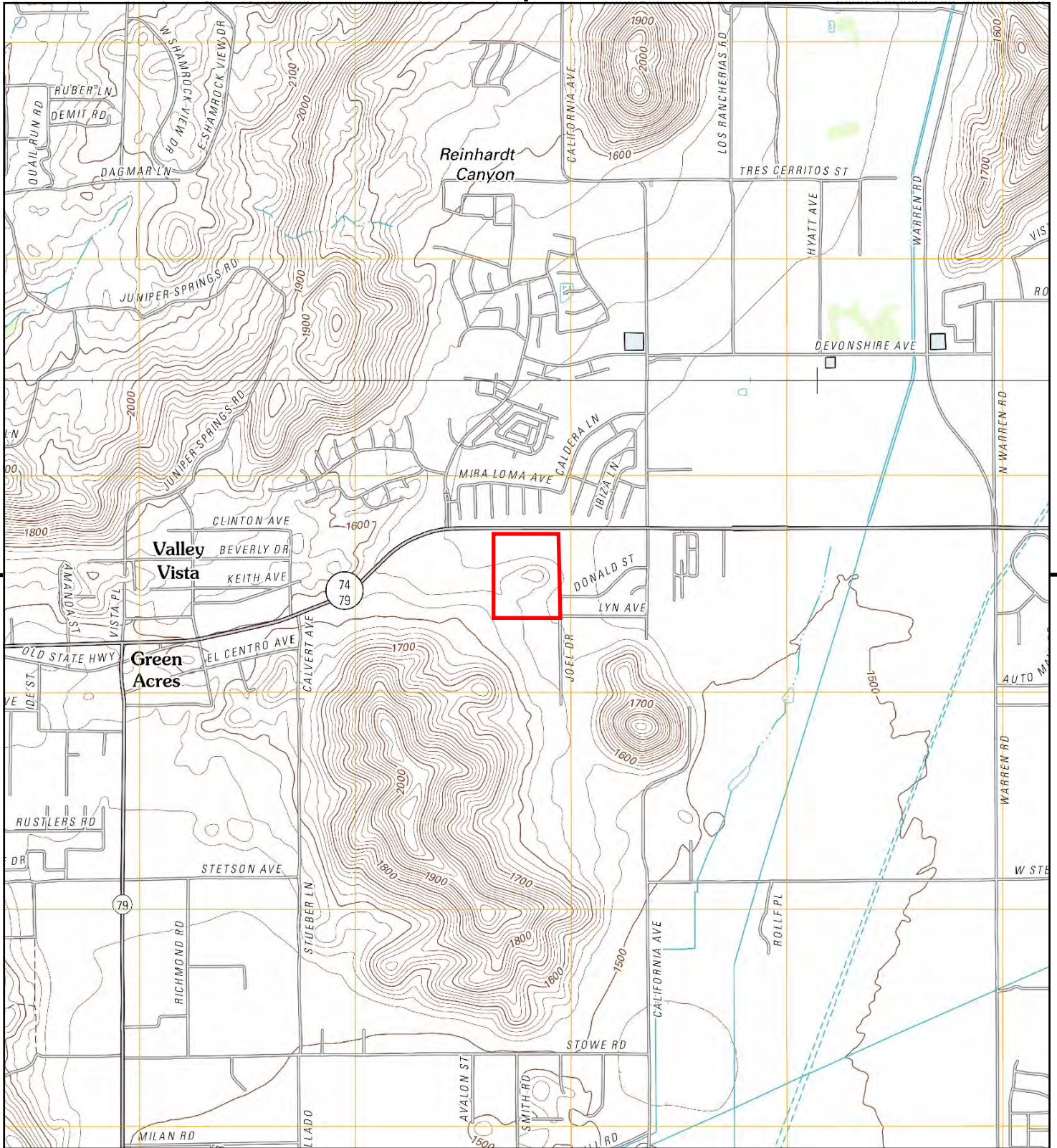
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

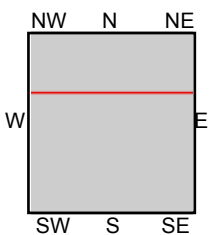
1901 Source Sheets



Elsinore
1901
30-minute, 125000



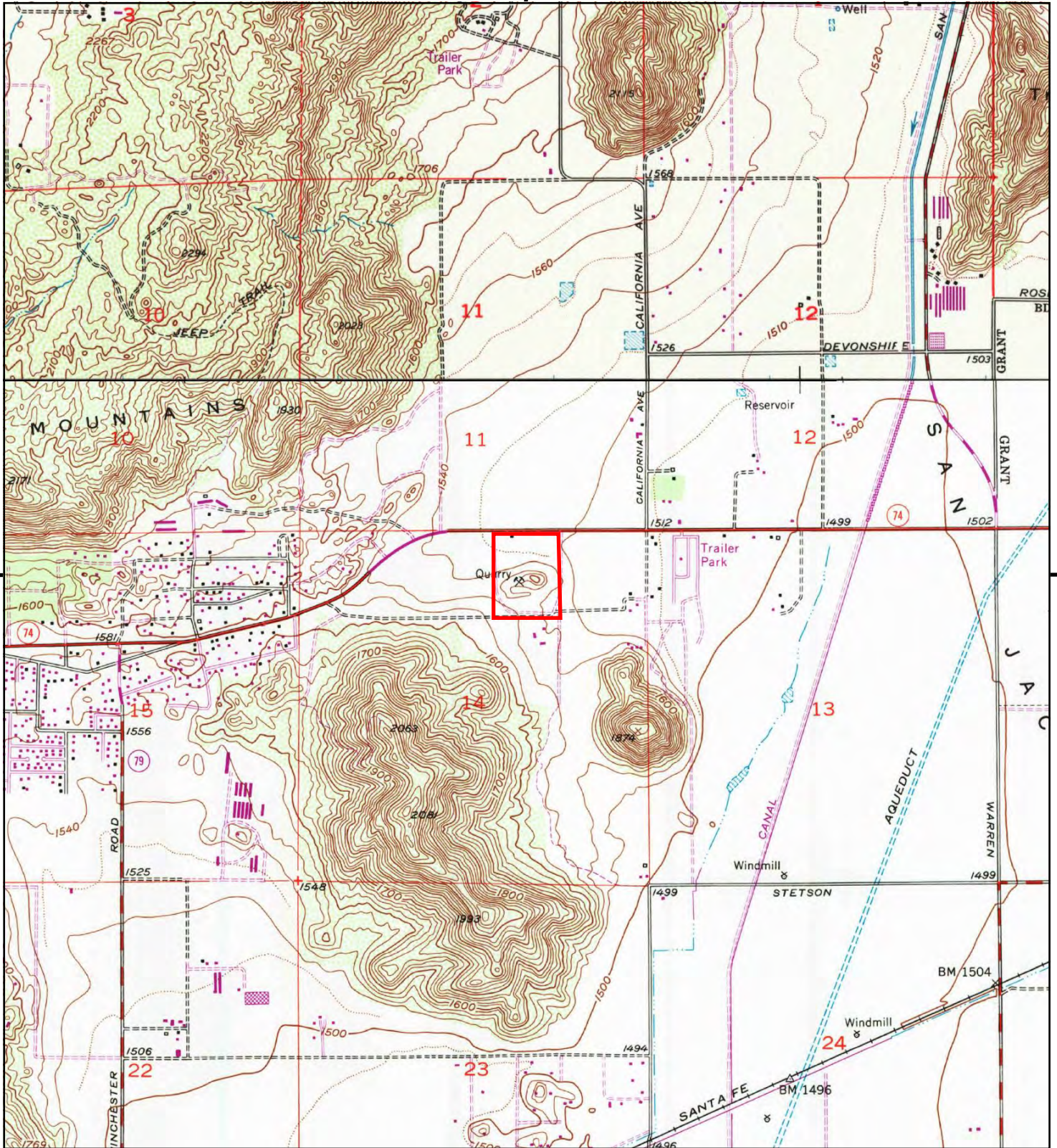
This report includes information from the following map sheet(s).



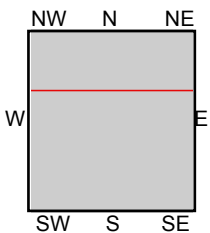
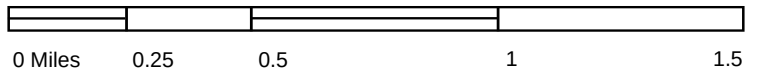
TP, Winchester, 2012, 7.5-minute
N, Lakeview, 2012, 7.5-minute

SITE NAME: 34443 West Florida Avenue
ADDRESS: 34443 West Florida Avenue
Hemet, CA 92545
CLIENT: Priority One Environmental, Inc.





This report includes information from the following map sheet(s).

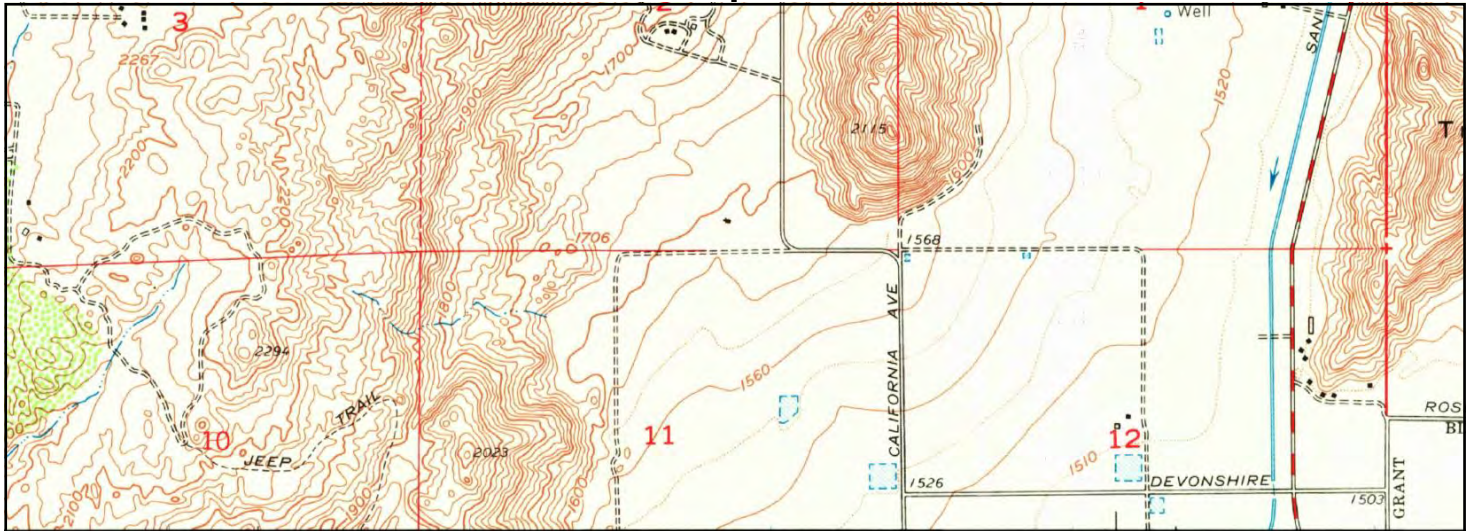


TP, Winchester, 1979, 7.5-minute
N, Lakeview, 1979, 7.5-minute

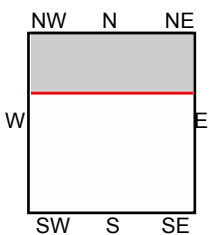
SITE NAME: 34443 West Florida Avenue
ADDRESS: 34443 West Florida Avenue
Hemet, CA 92545
CLIENT: Priority One Environmental, Inc.







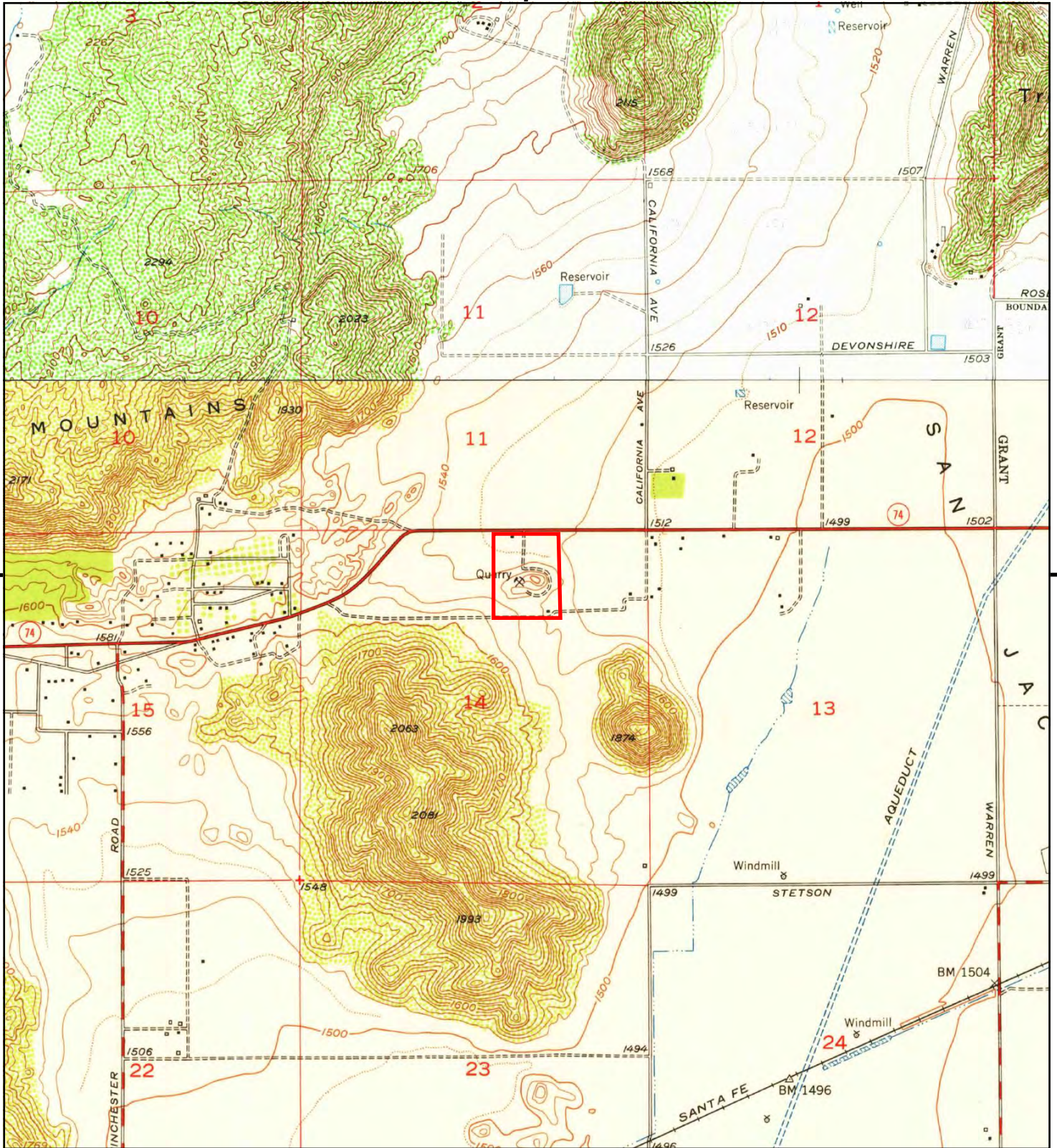
This report includes information from the following map sheet(s).



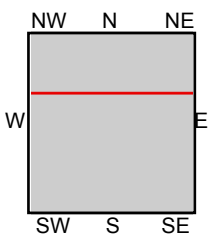
N, Lakeview, 1967, 7.5-minute

SITE NAME: 34443 West Florida Avenue
 ADDRESS: 34443 West Florida Avenue
 Hemet, CA 92545
 CLIENT: Priority One Environmental, Inc.





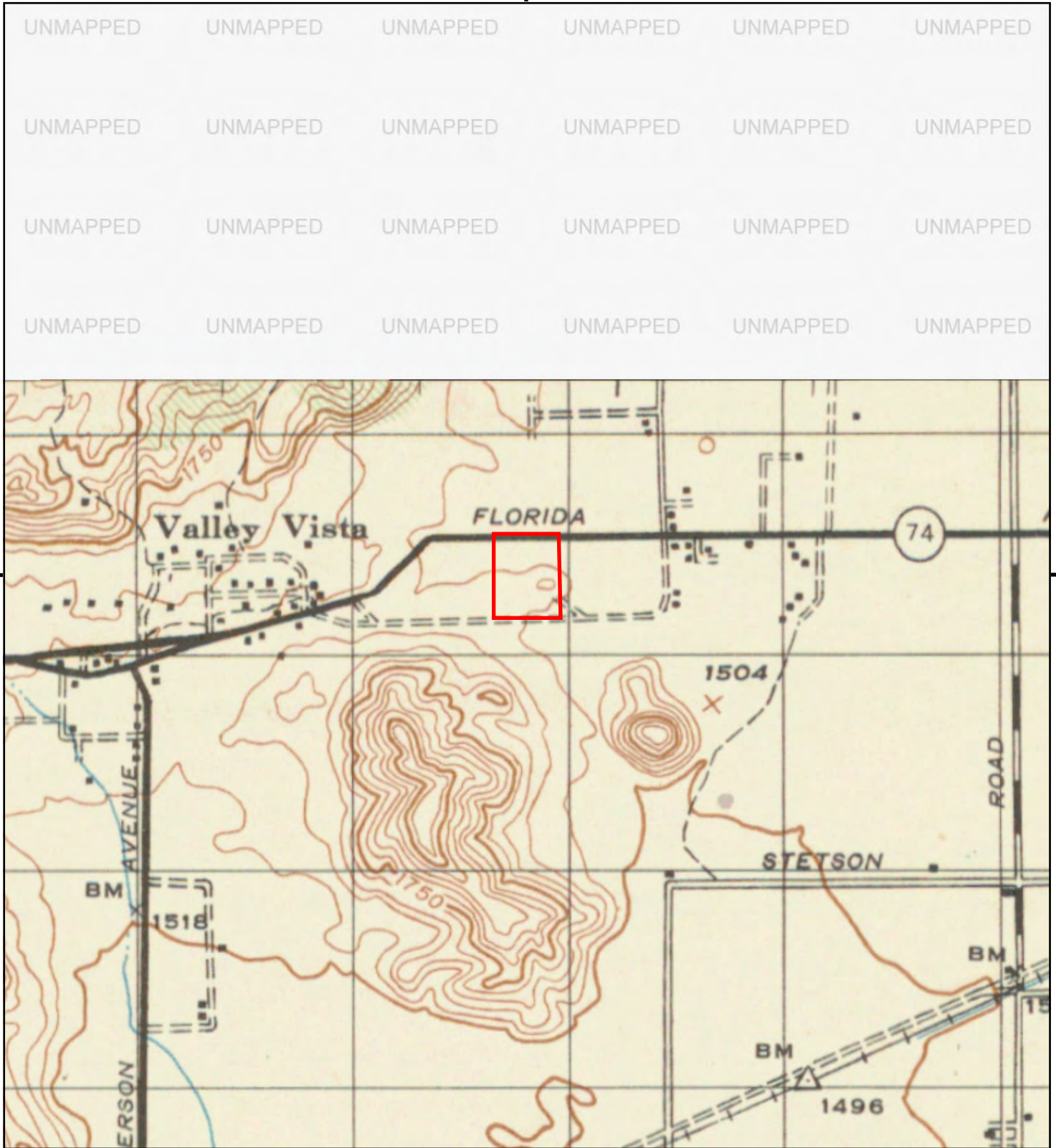
This report includes information from the following map sheet(s).



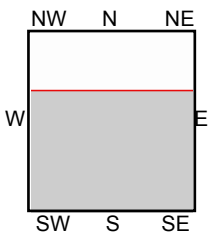
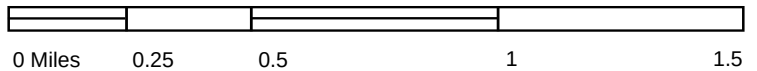
TP, Winchester, 1953, 7.5-minute
N, Lakeview, 1953, 7.5-minute

SITE NAME: 34443 West Florida Avenue
ADDRESS: 34443 West Florida Avenue
Hemet, CA 92545
CLIENT: Priority One Environmental, Inc.





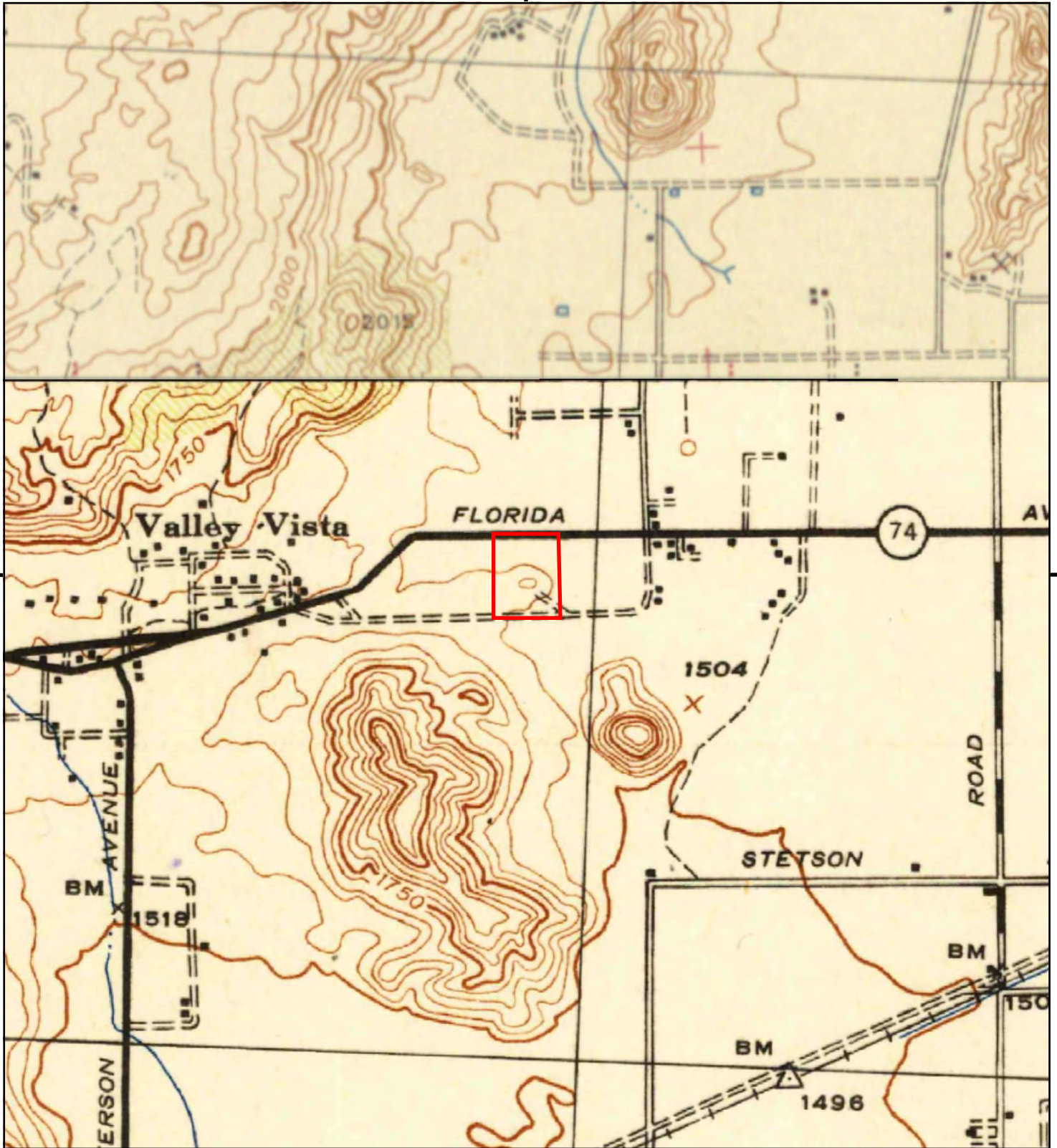
This report includes information from the following map sheet(s).



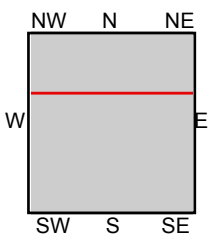
TP, MURRIETA, 1947, 15-minute

SITE NAME: 34443 West Florida Avenue
ADDRESS: 34443 West Florida Avenue
Hemet, CA 92545
CLIENT: Priority One Environmental, Inc.





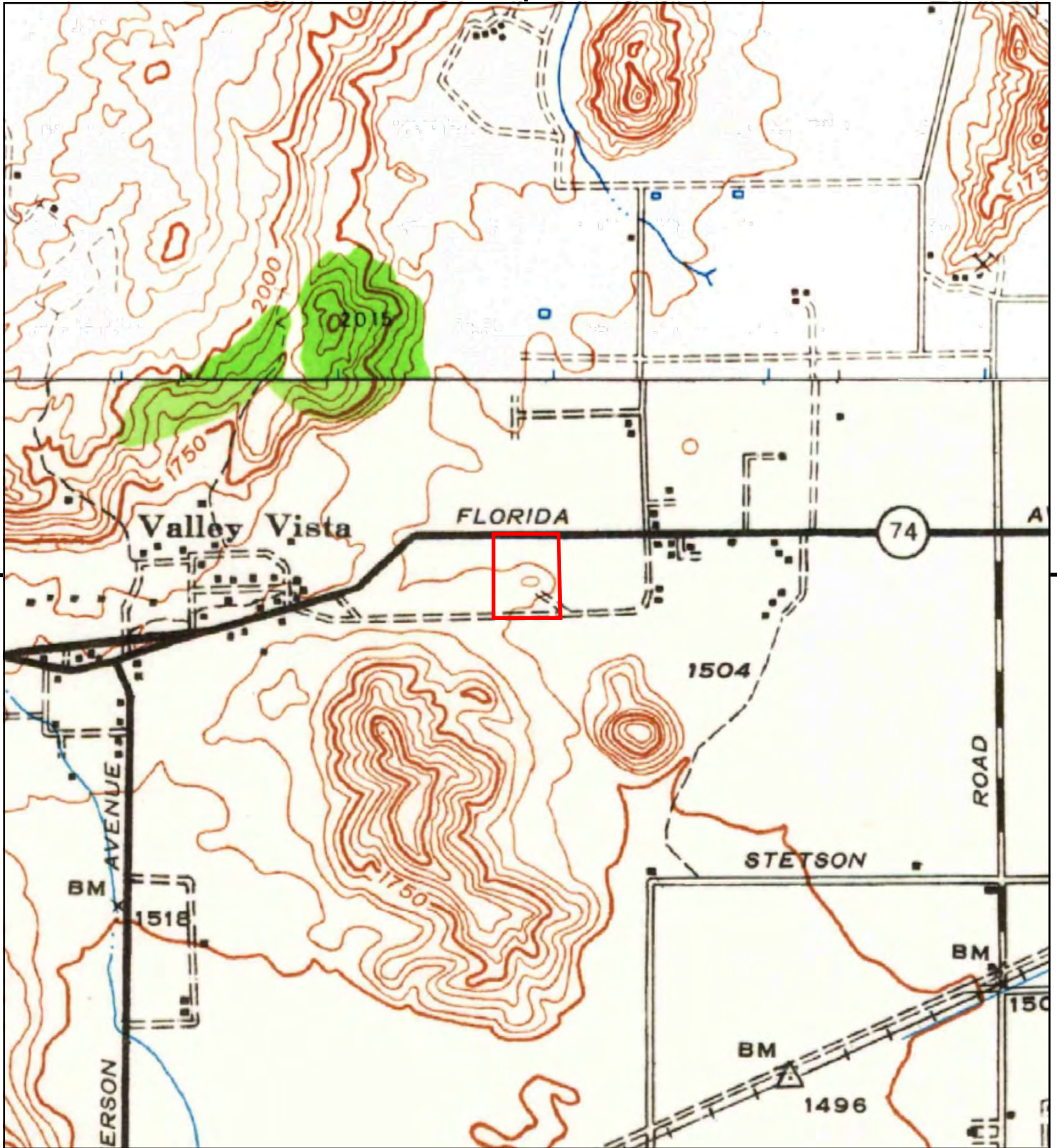
This report includes information from the following map sheet(s).



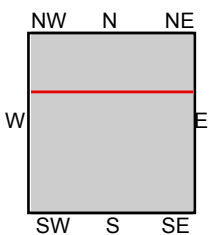
TP, Murrieta, 1943, 15-minute
NW, PERRIS, 1943, 15-minute

SITE NAME: 34443 West Florida Avenue
ADDRESS: 34443 West Florida Avenue
Hemet, CA 92545
CLIENT: Priority One Environmental, Inc.





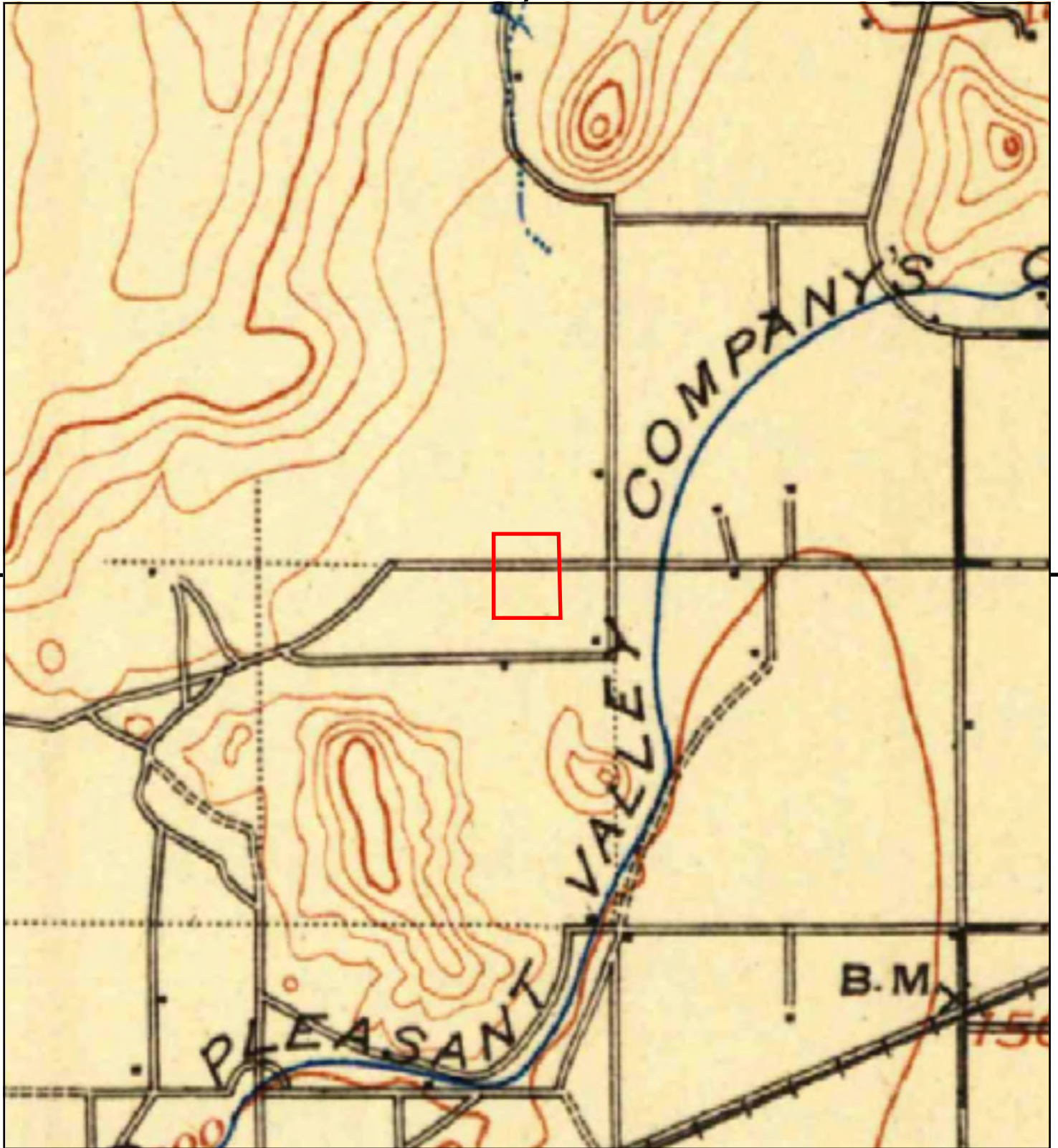
This report includes information from the following map sheet(s).



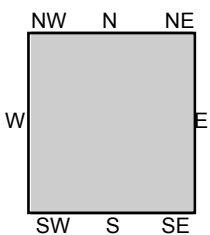
TP, Murrieta, 1942, 15-minute
NW, Perris, 1942, 15-minute

SITE NAME: 34443 West Florida Avenue
ADDRESS: 34443 West Florida Avenue
Hemet, CA 92545
CLIENT: Priority One Environmental, Inc.





This report includes information from the following map sheet(s).



TP, Elsinore, 1901, 30-minute

SITE NAME: 34443 West Florida Avenue
 ADDRESS: 34443 West Florida Avenue
 Hemet, CA 92545
 CLIENT: Priority One Environmental, Inc.



34443 West Florida Avenue

34443 West Florida Avenue

Hemet, CA 92545

Inquiry Number: 5537745.8

January 17, 2019

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

01/17/19

Site Name:

34443 West Florida Avenue
34443 West Florida Avenue
Hemet, CA 92545
EDR Inquiry # 5537745.8

Client Name:

Priority One Environmental, Inc.
19528 Ventura Boulevard, #268
Tarzana, CA 91356
Contact: Paul Robinson



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2002	1"=500'	Acquisition Date: May 22, 2002	USGS/DOQQ
1996	1"=500'	Flight Date: September 30, 1996	USGS
1989	1"=500'	Flight Date: August 14, 1989	USDA
1985	1"=500'	Flight Date: February 24, 1985	USDA
1978	1"=500'	Flight Date: September 20, 1978	USDA
1967	1"=500'	Flight Date: May 09, 1967	USDA
1961	1"=500'	Flight Date: July 08, 1961	USDA
1953	1"=500'	Flight Date: August 22, 1953	USDA
1949	1"=500'	Flight Date: May 23, 1949	USDA
1938	1"=500'	Flight Date: June 14, 1938	USDA

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INQUIRY #: 5537745.8

YEAR: 2016

— = 500'





INQUIRY #: 5537745.8

YEAR: 2012

— = 500'





INQUIRY #: 5537745.8

YEAR: 2009

— = 500'



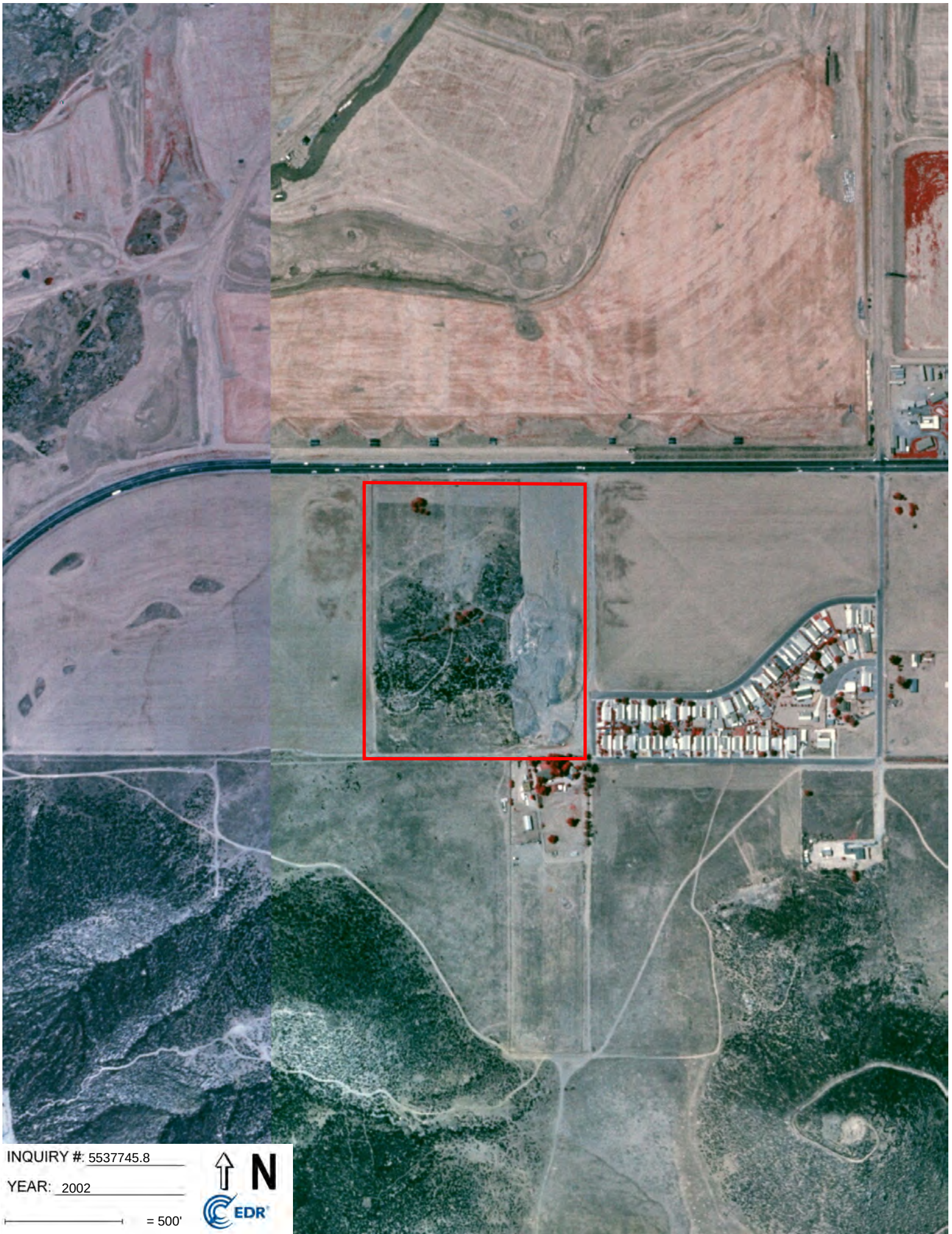


INQUIRY #: 5537745.8

YEAR: 2006

— = 500'





INQUIRY #: 5537745.8

YEAR: 2002

— = 500'





INQUIRY #: 5537745.8

YEAR: 1996

— = 500'





INQUIRY #: 5537745.8

YEAR: 1989

— = 500'





INQUIRY #: 5537745.8

YEAR: 1985

— = 500'





INQUIRY #: 5537745.8

YEAR: 1978

— = 500'





INQUIRY #: 5537745.8

YEAR: 1967

— = 500'





INQUIRY #: 5537745.8

YEAR: 1961

— = 500'





INQUIRY #: 5537745.8

YEAR: 1953

— = 500'





INQUIRY #: 5537745.8

YEAR: 1949

500'

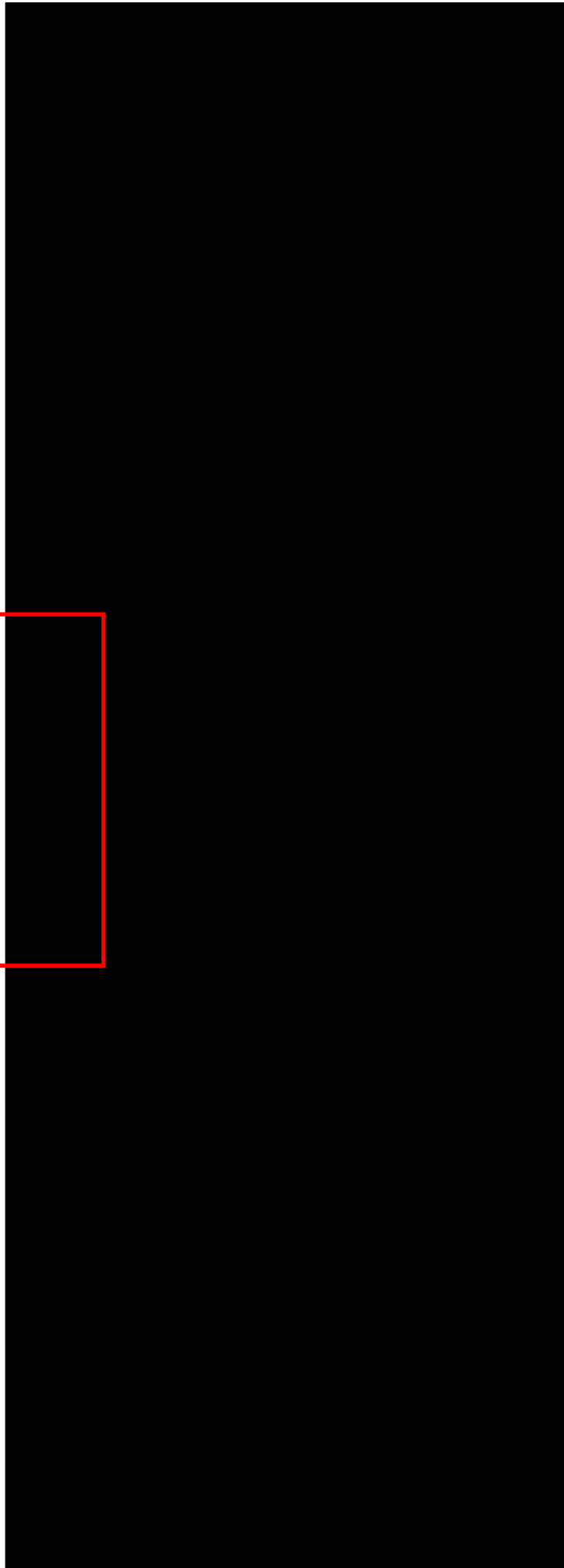




INQUIRY #: 5537745.8

YEAR: 1938

— = 500'



34443 West Florida Avenue

34443 West Florida Avenue

Hemet, CA 92545

Inquiry Number: 5537745.2s

January 17, 2019

The EDR Radius Map™ Report with GeoCheck®



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

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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

34443 WEST FLORIDA AVENUE
HEMET, CA 92545

COORDINATES

Latitude (North):	33.7419120 - 33° 44' 30.88"
Longitude (West):	117.0572950 - 117° 3' 26.26"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	494692.9
UTM Y (Meters):	3733348.2
Elevation:	1555 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640944 WINCHESTER, CA
Version Date:	2012
North Map:	5640936 LAKEVIEW, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140530
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
34443 WEST FLORIDA AVENUE
HEMET, CA 92545

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	CAWSTON ELEMENTARY S	CAWSTON AVENUE/MENLO	ENVIROSTOR, SCH	Lower	2553, 0.484, ESE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

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

EXECUTIVE SUMMARY

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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

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

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

State and tribal leaking storage tank lists

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

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

CPS-SLIC..... Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

UST..... Active UST Facilities

AST..... Aboveground Petroleum Storage Tank Facilities

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

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

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

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

EXECUTIVE SUMMARY

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

Local Lists of Registered Storage Tanks

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

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

RCRA NonGen / NLR.....	RCRA - Non Generators / No Longer Regulated
FUDS.....	Formerly Used Defense Sites
DOD.....	Department of Defense Sites
SCRD DRYCLEANERS.....	State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR.....	Financial Assurance Information
EPA WATCH LIST.....	EPA WATCH LIST
2020 COR ACTION.....	2020 Corrective Action Program List
TSCA.....	Toxic Substances Control Act
TRIS.....	Toxic Chemical Release Inventory System
SSTS.....	Section 7 Tracking Systems
ROD.....	Records Of Decision
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data

EXECUTIVE SUMMARY

CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US AIRS.....	Aerometric Information Retrieval System Facility Subsystem
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
FINDS.....	Facility Index System/Facility Registry System
ECHO.....	Enforcement & Compliance History Information
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
UXO.....	Unexploded Ordnance Sites
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
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
CIWQS.....	California Integrated Water Quality System
CERS.....	CERS
WIP.....	Well Investigation Program Case List
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)
WDR.....	Waste Discharge Requirements Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

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

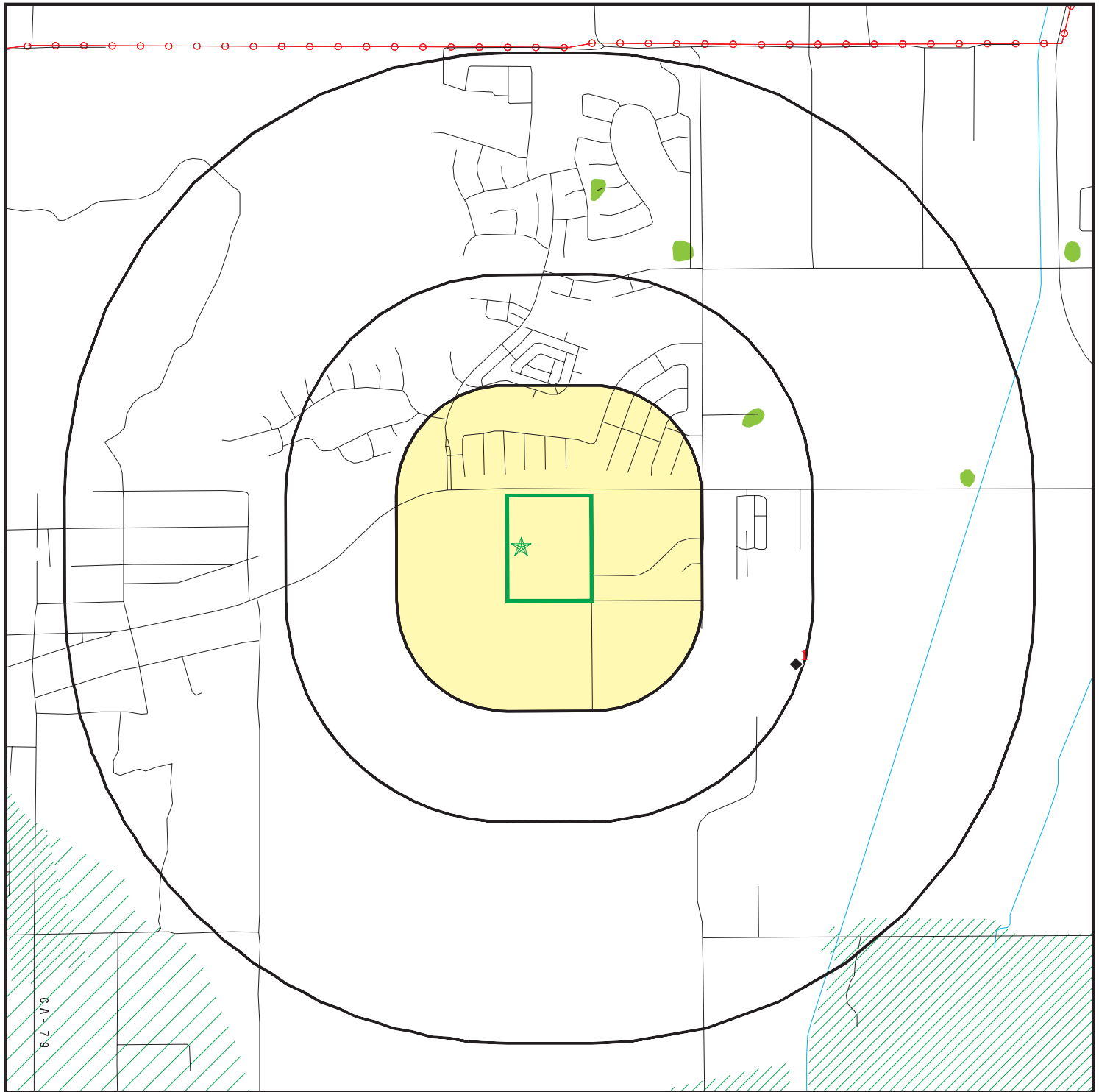
A review of the ENVIROSTOR list, as provided by EDR, and dated 10/29/2018 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>CAWSTON ELEMENTARY S</i> Facility Id: 33010025 Status: No Further Action	<i>CAWSTON AVENUE/MENLO</i>	<i>ESE 1/4 - 1/2 (0.484 mi.)</i>	<i>1</i>	<i>8</i>

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 5537745.2S



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

-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands

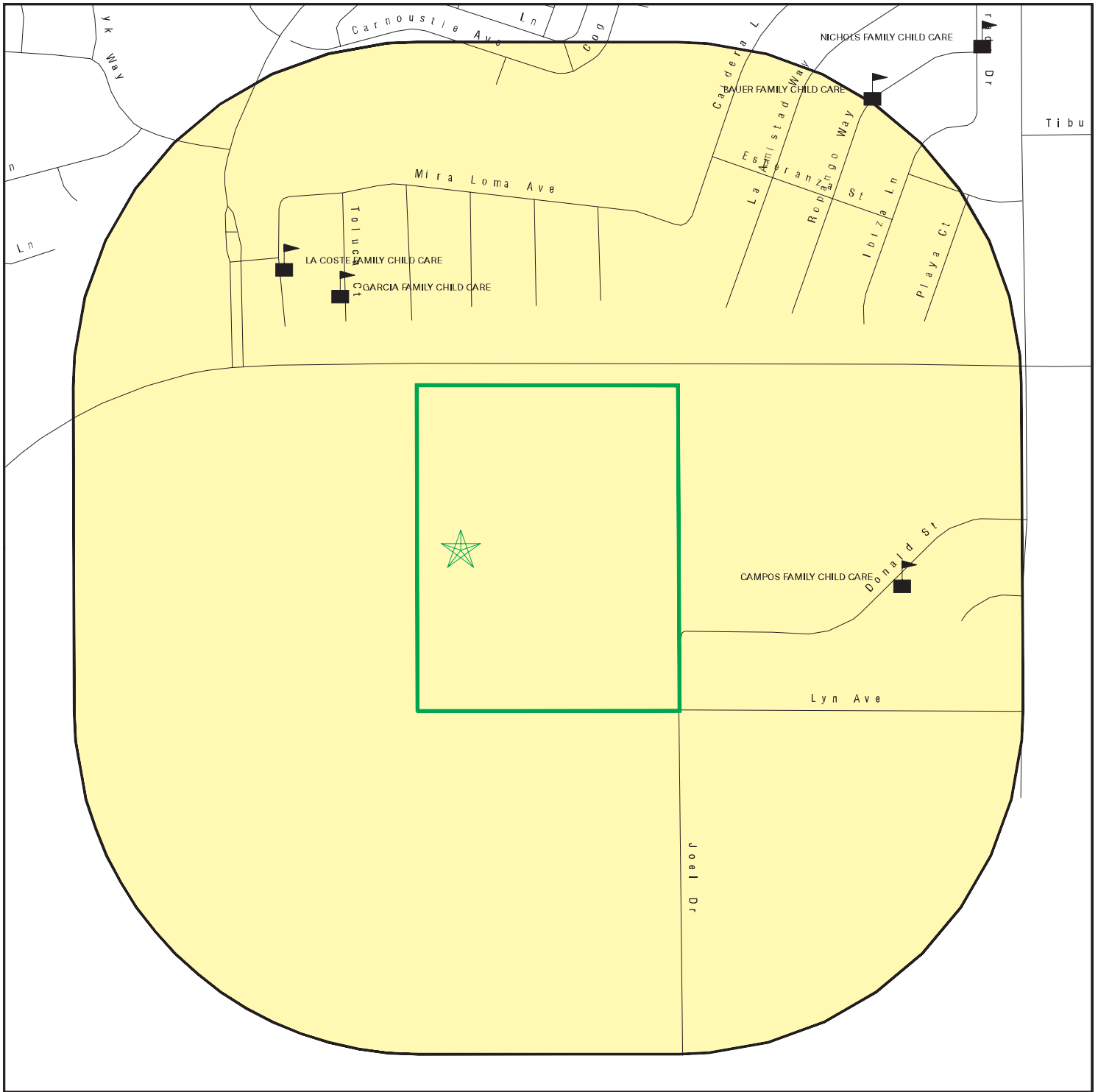
-  Areas of Concern

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

SITE NAME: 34443 West Florida Avenue
ADDRESS: 34443 West Florida Avenue
Hemet CA 92545
LAT/LONG: 33.741912 / 117.057295

CLIENT: Priority One Environmental, Inc.
CONTACT: Paul Robinson
INQUIRY #: 5537745.2s
DATE: January 17, 2019 6:54 pm

DETAIL MAP - 5537745.2S



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

0 1/16 1/8 1/4 Miles

-  Indian Reservations BIA
-  100-year flood zone
-  500-year flood zone

-  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: 34443 West Florida Avenue
 ADDRESS: 34443 West Florida Avenue
 Hemet CA 92545
 LAT/LONG: 33.741912 / 117.057295

CLIENT: Priority One Environmental, Inc.
 CONTACT: Paul Robinson
 INQUIRY #: 5537745.2s
 DATE: January 17, 2019 6:54 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	1	0	NR	1
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	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	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	0.001		0	NR	NR	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
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	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

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
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	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	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	0.001		0	NR	NR	NR	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	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	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
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	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
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
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	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
WIP	0.250		0	0	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
WDR	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
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		0	0	0	1	0	0	1
-------------	--	---	---	---	---	---	---	---

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
ESE
1/4-1/2
0.484 mi.
2553 ft.

CAWSTON ELEMENTARY SCHOOL NO. 2
CAWSTON AVENUE/MENLO AVENUE
HEMET, CA 92545

ENVIROSTOR SCH S105628734
N/A

Relative:
Lower

ENVIROSTOR:

Actual:
1501 ft.

Facility ID: 33010025
Status: No Further Action
Status Date: 05/28/2001
Site Code: 404061
Site Type: School Investigation
Site Type Detailed: School
Acres: 18.12
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 67
Senate: 28
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.7381
Longitude: -117.0465
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Cobalt DDE Heptachlor
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: CAWSTON ELEMENTARY SCHOOL #2 (PROPOSED)
Alias Type: Alternate Name
Alias Name: CAWSTON ELEMENTARY SCHOOL NO. 2
Alias Type: Alternate Name
Alias Name: HEMET UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: HEMET USD-CAWSTON ELEM/CDE
Alias Type: Alternate Name
Alias Name: 404061
Alias Type: Project Code (Site Code)
Alias Name: 33010025
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 10/04/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/23/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAWSTON ELEMENTARY SCHOOL NO. 2 (Continued)

S105628734

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 03/26/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/15/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/16/2000
Comments: Not reported

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

SCH:

Facility ID: 33010025
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 18.12
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC
Lead Agency Description: * DTSC
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404061
Assembly: 67
Senate: 28
Special Program Status: Not reported
Status: No Further Action
Status Date: 05/28/2001
Restricted Use: NO
Funding: School District
Latitude: 33.7381
Longitude: -117.0465
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Cobalt, Cobalt, DDE, Heptachlor
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: CAWSTON ELEMENTARY SCHOOL #2 (PROPOSED)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAWSTON ELEMENTARY SCHOOL NO. 2 (Continued)

S105628734

Alias Type:	Alternate Name
Alias Name:	CAWSTON ELEMENTARY SCHOOL NO. 2
Alias Type:	Alternate Name
Alias Name:	HEMET UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	HEMET USD-CAWSTON ELEM/CDE
Alias Type:	Alternate Name
Alias Name:	404061
Alias Type:	Project Code (Site Code)
Alias Name:	33010025
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	10/04/2000
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	05/23/2001
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	03/26/2001
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	03/15/2000
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	10/16/2000
Comments:	Not reported

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

Count: 0 records.

ORPHAN SUMMARY

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: N/A
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/28/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: N/A
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/28/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: N/A
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

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

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 01/04/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/13/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/28/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 10/17/2018	Source: Department of the Navy
Date Data Arrived at EDR: 10/25/2018	Telephone: 843-820-7326
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/25/2019
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/24/2018

Date Data Arrived at EDR: 09/25/2018

Date Made Active in Reports: 11/09/2018

Number of Days to Update: 45

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 01/08/2019

Next Scheduled EDR Contact: 04/08/2019

Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/29/2018

Date Data Arrived at EDR: 10/30/2018

Date Made Active in Reports: 12/13/2018

Number of Days to Update: 44

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/30/2018

Next Scheduled EDR Contact: 02/11/2019

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 10/29/2018

Date Data Arrived at EDR: 10/30/2018

Date Made Active in Reports: 12/13/2018

Number of Days to Update: 44

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/30/2018

Next Scheduled EDR Contact: 02/11/2019

Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 11/12/2018

Date Data Arrived at EDR: 11/14/2018

Date Made Active in Reports: 12/13/2018

Number of Days to Update: 29

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 11/14/2018

Next Scheduled EDR Contact: 02/25/2019

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

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

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

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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

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

LUST REG 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: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/11/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 2: Fuel Leak List

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

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 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 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: Varies

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

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
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: 04/24/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

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

Date of Government Version: 12/10/2018

Date Data Arrived at EDR: 12/11/2018

Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028

Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 03/25/2019

Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

Date of Government Version: 04/03/2003

Date Data Arrived at EDR: 04/07/2003

Date Made Active in Reports: 04/25/2003

Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)

Telephone: 707-576-2220

Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011

Data Release Frequency: No Update Planned

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

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

Date of Government Version: 09/30/2004

Date Data Arrived at EDR: 10/20/2004

Date Made Active in Reports: 11/19/2004

Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457

Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012

Data Release Frequency: Quarterly

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

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

Date of Government Version: 05/18/2006

Date Data Arrived at EDR: 05/18/2006

Date Made Active in Reports: 06/15/2006

Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-549-3147

Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011

Data Release Frequency: Semi-Annually

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

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

Date of Government Version: 11/17/2004

Date Data Arrived at EDR: 11/18/2004

Date Made Active in Reports: 01/04/2005

Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6600

Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011

Data Release Frequency: Varies

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

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

Date of Government Version: 04/01/2005

Date Data Arrived at EDR: 04/05/2005

Date Made Active in Reports: 04/21/2005

Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-3291

Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011

Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

SLIC REG 6L: SLIC Sites

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

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

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

SLIC REG 7: SLIC List

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

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

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

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

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

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

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

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

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

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

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

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

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: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/16/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/11/2018
Next Scheduled EDR Contact: 03/25/2019
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: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/13/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3368
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-6136
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-9424
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-7591
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/29/2018
Date Data Arrived at EDR: 10/30/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 44

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

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

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

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

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

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

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 20

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 12/17/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/18/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000
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: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 09/28/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
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: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 01/12/2009
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: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

Date of Government Version: 06/30/1985
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IHS OPEN DUMPS: Open Dumps on Indian Land

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

Date of Government Version: 04/01/2014

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 Services, Indian Health Service

Telephone: 301-443-1452

Last EDR Contact: 11/02/2018

Next Scheduled EDR Contact: 02/11/2019

Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 09/21/2018

Date Data Arrived at EDR: 09/21/2018

Date Made Active in Reports: 11/09/2018

Number of Days to Update: 49

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 11/26/2018

Next Scheduled EDR Contact: 03/11/2019

Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005

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: 10/29/2018

Date Data Arrived at EDR: 10/30/2018

Date Made Active in Reports: 12/13/2018

Number of Days to Update: 44

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/30/2018

Next Scheduled EDR Contact: 02/11/2019

Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2017

Date Data Arrived at EDR: 06/12/2018

Date Made Active in Reports: 08/06/2018

Number of Days to Update: 55

Source: Department of Toxic Substances Control

Telephone: 916-255-6504

Last EDR Contact: 01/07/2019

Next Scheduled EDR Contact: 04/22/2019

Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995

Date Data Arrived at EDR: 08/30/1995

Date Made Active in Reports: 09/26/1995

Number of Days to Update: 27

Source: State Water Resources Control Board

Telephone: 916-227-4364

Last EDR Contact: 01/26/2009

Next Scheduled EDR Contact: 04/27/2009

Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/22/2018	Source: CalEPA
Date Data Arrived at EDR: 10/23/2018	Telephone: 916-323-2514
Date Made Active in Reports: 11/30/2018	Last EDR Contact: 10/23/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Quarterly

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: 09/21/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/21/2018	Telephone: 202-307-1000
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 11/26/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018	Source: Department of Public Health
Date Data Arrived at EDR: 12/06/2018	Telephone: 707-463-4466
Date Made Active in Reports: 12/14/2018	Last EDR Contact: 11/26/2018
Number of Days to Update: 8	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

Date of Government Version: 10/15/1990	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
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: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
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: 11/29/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 12/03/2018	Source: DTSC and SWRCB
Date Data Arrived at EDR: 12/05/2018	Telephone: 916-323-3400
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/05/2018
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 01/08/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 04/06/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/24/2018	Telephone: 916-845-8400
Date Made Active in Reports: 06/14/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

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

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

MCS: Military Cleanup Sites Listing (GEOTRACKER)

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 06/06/2012

Date Data Arrived at EDR: 01/03/2013

Date Made Active in Reports: 02/22/2013

Number of Days to Update: 50

Source: FirstSearch

Telephone: N/A

Last EDR Contact: 01/03/2013

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 03/01/2018

Date Data Arrived at EDR: 03/28/2018

Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: (415) 495-8895

Last EDR Contact: 12/03/2018

Next Scheduled EDR Contact: 04/08/2019

Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015

Date Data Arrived at EDR: 07/08/2015

Date Made Active in Reports: 10/13/2015

Number of Days to Update: 97

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285

Last EDR Contact: 11/19/2018

Next Scheduled EDR Contact: 03/04/2019

Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005

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: 01/11/2019

Next Scheduled EDR Contact: 04/22/2019

Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005

Date Data Arrived at EDR: 02/06/2006

Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey

Telephone: 888-275-8747

Last EDR Contact: 01/11/2019

Next Scheduled EDR Contact: 04/22/2019

Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 08/31/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

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

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

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

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/09/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

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

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

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

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/24/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 10/26/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 66

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018	Source: EPA
Date Data Arrived at EDR: 10/04/2018	Telephone: 202-564-6023
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 12/28/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 02/18/2019
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 09/14/2018	Source: EPA
Date Data Arrived at EDR: 10/11/2018	Telephone: 202-566-0500
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 01/11/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/07/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

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

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

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

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

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

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

MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/11/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/05/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

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

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/03/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 10/26/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

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

Date of Government Version: 10/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2018	Telephone: 202-343-9775
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 01/03/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

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

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Varies

BRS: Biennial Reporting System

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

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

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

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

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

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

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

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/12/2018
Date Data Arrived at EDR: 12/28/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

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

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

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

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

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

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

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

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

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

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

US MINES: Mines Master Index File

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

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

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

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/15/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/02/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/14/2019
Number of Days to Update: 87	Next Scheduled EDR Contact: 04/29/2019
	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: 08/22/2018	Source: EPA
Date Data Arrived at EDR: 08/22/2018	Telephone: 800-385-6164
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/19/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

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

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/24/2018	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 09/25/2018	Telephone: 916-323-3400
Date Made Active in Reports: 10/16/2018	Last EDR Contact: 12/21/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

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

Date of Government Version: 08/28/2018	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 08/30/2018	Telephone: 925-454-2361
Date Made Active in Reports: 11/01/2018	Last EDR Contact: 01/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/25/2019
	Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 09/11/2018	Source: San Francisco County Department of Environmental Health
Date Data Arrived at EDR: 09/12/2018	Telephone: 415-252-3896
Date Made Active in Reports: 09/19/2018	Last EDR Contact: 11/01/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/18/2019
	Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/13/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 42

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 10/04/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 27

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 08/30/2018
Date Data Arrived at EDR: 09/27/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/02/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 41

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/19/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/18/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 53

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

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

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 37

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

ICE: ICE

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

Date of Government Version: 11/19/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

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

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

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 11/19/2018
Date Data Arrived at EDR: 11/19/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

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

Date of Government Version: 10/09/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/08/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2018	Telephone: 916-322-1080
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 11/09/2018	Source: Department of Public Health
Date Data Arrived at EDR: 12/05/2018	Telephone: 916-558-1784
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/05/2018
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/12/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/14/2018	Telephone: 916-445-9379
Date Made Active in Reports: 12/13/2018	Last EDR Contact: 11/14/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 02/25/2019
	Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 12/03/2018	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 12/05/2018	Telephone: 916-445-4038
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/05/2018
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/10/2018	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2018	Telephone: 916-323-3836
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/19/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/20/2018	Telephone: 916-445-3846
Date Made Active in Reports: 10/19/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018	Source: Department of Conservation
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-445-2408
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 12/14/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

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

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/11/2018	Telephone: 559-445-5577
Date Made Active in Reports: 09/13/2018	Last EDR Contact: 01/11/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 11/14/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Quarterly

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

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

PROJECT: Project Sites (GEOTRACKER)

Projects sites

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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 12/04/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/19/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Varies

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

Non-Case Information sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

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

Other Oil & Gas Projects sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 12/10/2018
Date Data Arrived at EDR: 12/11/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

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

Date of Government Version: 12/10/2018

Date Data Arrived at EDR: 12/11/2018

Date Made Active in Reports: 01/15/2019

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028

Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 03/25/2019

Data Release Frequency: Varies

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: 09/10/2018

Date Data Arrived at EDR: 09/12/2018

Date Made Active in Reports: 10/09/2018

Number of Days to Update: 27

Source: State Water Resources Control Board

Telephone: 916-341-5810

Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 03/25/2019

Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
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: 10/05/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 22

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/05/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 23

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 07/24/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 27

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/04/2019
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 10/31/2018
Date Data Arrived at EDR: 12/04/2018
Date Made Active in Reports: 12/12/2018
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/21/2018
Next Scheduled EDR Contact: 04/08/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 50

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/26/2018
Date Data Arrived at EDR: 11/30/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 46

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 08/16/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 8

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 28

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 10/18/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 27

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/26/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List Cupa facility list

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

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 12/11/2018
Date Data Arrived at EDR: 12/13/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 33

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 20

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List Cupa facility list.

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

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

KERN COUNTY:

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

Date of Government Version: 11/02/2018
Date Data Arrived at EDR: 11/07/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 37

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

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

Date of Government Version: 11/21/2018
Date Data Arrived at EDR: 11/27/2018
Date Made Active in Reports: 12/12/2018
Number of Days to Update: 15

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 11/08/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 6

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/14/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Varies

LASSEN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 22

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County

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

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

Source: N/A
Telephone: N/A
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/20/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 35

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Semi-Annually

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

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 31

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/15/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Varies

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

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/15/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 31

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/14/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 01/14/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/29/2019
	Data Release Frequency: Semi-Annually

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 03/10/2017	Telephone: 562-570-2563
Date Made Active in Reports: 05/03/2017	Last EDR Contact: 10/22/2018
Number of Days to Update: 54	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Annually

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/02/2018	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/05/2018	Telephone: 310-618-2973
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 01/07/2019
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

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

Date of Government Version: 11/26/2018	Source: Madera County Environmental Health
Date Data Arrived at EDR: 11/27/2018	Telephone: 559-675-7823
Date Made Active in Reports: 12/12/2018	Last EDR Contact: 11/14/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 01/14/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 08/31/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 19

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 01/09/2019
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List CUPA Facility List

Date of Government Version: 07/18/2018
Date Data Arrived at EDR: 09/04/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 15

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 12/06/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

MONTEREY COUNTY:

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

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 11/01/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 15

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/27/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination

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

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

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 11/28/2018
Date Data Arrived at EDR: 11/30/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 14

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List CUPA facility list.

Date of Government Version: 11/06/2018
Date Data Arrived at EDR: 11/08/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 6

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

ORANGE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 10/04/2018	Source: Health Care Agency
Date Data Arrived at EDR: 11/14/2018	Telephone: 714-834-3446
Date Made Active in Reports: 12/13/2018	Last EDR Contact: 11/05/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 02/18/2019
	Data Release Frequency: Annually

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

Date of Government Version: 10/04/2018	Source: Health Care Agency
Date Data Arrived at EDR: 11/14/2018	Telephone: 714-834-3446
Date Made Active in Reports: 12/13/2018	Last EDR Contact: 11/05/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 02/18/2019
	Data Release Frequency: Quarterly

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

Date of Government Version: 10/04/2018	Source: Health Care Agency
Date Data Arrived at EDR: 11/06/2018	Telephone: 714-834-3446
Date Made Active in Reports: 12/14/2018	Last EDR Contact: 11/06/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/18/2019
	Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/29/2018	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 12/04/2018	Telephone: 530-745-2363
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 11/29/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 07/19/2018	Source: Plumas County Environmental Health
Date Data Arrived at EDR: 07/25/2018	Telephone: 530-283-6355
Date Made Active in Reports: 09/05/2018	Last EDR Contact: 10/22/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/10/2018	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/12/2018	Telephone: 951-358-5055
Date Made Active in Reports: 10/16/2018	Last EDR Contact: 12/17/2018
Number of Days to Update: 4	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 11/05/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/17/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/03/2018
Date Data Arrived at EDR: 10/02/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 30

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 01/04/2019
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/23/2018
Date Data Arrived at EDR: 10/02/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 31

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/28/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 11/15/2018
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 27

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/28/2018
Date Data Arrived at EDR: 11/30/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 42

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/05/2018
Date Made Active in Reports: 01/11/2019
Number of Days to Update: 37

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

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

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

SAN DIEGO CO. SAM: Environmental Case Listing

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

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

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversight Facilities

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

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

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

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

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 04/01/2019
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

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

Date of Government Version: 11/14/2018
Date Data Arrived at EDR: 11/15/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 28

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

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

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/17/2018
Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
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: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SANTA CLARA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SANTA CLARA: Cupa Facility List Cupa facility list

Date of Government Version: 11/16/2018
Date Data Arrived at EDR: 11/16/2018
Date Made Active in Reports: 12/13/2018
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county.
Leaking underground storage tanks are now handled by the Department of Environmental Health.

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

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

LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

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

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/01/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 12/14/2018
Number of Days to Update: 38

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 30

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List Cupa Facility List.

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

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SOLANO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST SOLANO: Leaking Underground Storage Tanks

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

Date of Government Version: 11/29/2018

Date Data Arrived at EDR: 12/04/2018

Date Made Active in Reports: 01/11/2019

Number of Days to Update: 38

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770

Last EDR Contact: 11/29/2018

Next Scheduled EDR Contact: 03/18/2019

Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2018

Date Data Arrived at EDR: 12/04/2018

Date Made Active in Reports: 12/14/2018

Number of Days to Update: 10

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770

Last EDR Contact: 11/29/2018

Next Scheduled EDR Contact: 03/18/2019

Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List

Cupa Facility list

Date of Government Version: 12/21/2018

Date Data Arrived at EDR: 12/27/2018

Date Made Active in Reports: 01/15/2019

Number of Days to Update: 19

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174

Last EDR Contact: 12/19/2018

Next Scheduled EDR Contact: 04/08/2019

Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

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

Date of Government Version: 10/02/2018

Date Data Arrived at EDR: 10/04/2018

Date Made Active in Reports: 10/25/2018

Number of Days to Update: 21

Source: Department of Health Services

Telephone: 707-565-6565

Last EDR Contact: 01/07/2019

Next Scheduled EDR Contact: 04/08/2019

Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List

Cupa facility list

Date of Government Version: 12/11/2018

Date Data Arrived at EDR: 12/13/2018

Date Made Active in Reports: 01/15/2019

Number of Days to Update: 33

Source: Stanislaus County Department of Environmental Protection

Telephone: 209-525-6751

Last EDR Contact: 12/13/2018

Next Scheduled EDR Contact: 04/29/2019

Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 09/18/2018

Date Data Arrived at EDR: 09/20/2018

Date Made Active in Reports: 10/25/2018

Number of Days to Update: 35

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500

Last EDR Contact: 11/29/2018

Next Scheduled EDR Contact: 03/18/2019

Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 12/13/2018
Date Data Arrived at EDR: 12/18/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 28

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List Cupa facility list

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 12/27/2018
Date Made Active in Reports: 01/15/2019
Number of Days to Update: 19

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Division of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

VENTURA COUNTY:

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

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 36

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/26/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Annually

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Quarterly

MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/25/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 36

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/26/2018
Date Data Arrived at EDR: 12/12/2018
Date Made Active in Reports: 01/16/2019
Number of Days to Update: 35

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/26/2018
Date Data Arrived at EDR: 01/03/2019
Date Made Active in Reports: 01/16/2019
Number of Days to Update: 13

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/26/2018
Next Scheduled EDR Contact: 04/15/2019
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 11/05/2018
Date Data Arrived at EDR: 11/07/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 7

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/12/2018
Date Data Arrived at EDR: 11/14/2018
Date Made Active in Reports: 12/04/2018
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/07/2019
Next Scheduled EDR Contact: 04/22/2019
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/01/2018
Date Data Arrived at EDR: 10/31/2018
Date Made Active in Reports: 12/20/2018
Number of Days to Update: 50

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/31/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/11/2019
Next Scheduled EDR Contact: 04/29/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/07/2018
Next Scheduled EDR Contact: 03/25/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

34443 WEST FLORIDA AVENUE
34443 WEST FLORIDA AVENUE
HEMET, CA 92545

TARGET PROPERTY COORDINATES

Latitude (North):	33.741912 - 33° 44' 30.88"
Longitude (West):	117.057295 - 117° 3' 26.26"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	494692.9
UTM Y (Meters):	3733348.2
Elevation:	1555 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640944 WINCHESTER, CA
Version Date:	2012
North Map:	5640936 LAKEVIEW, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

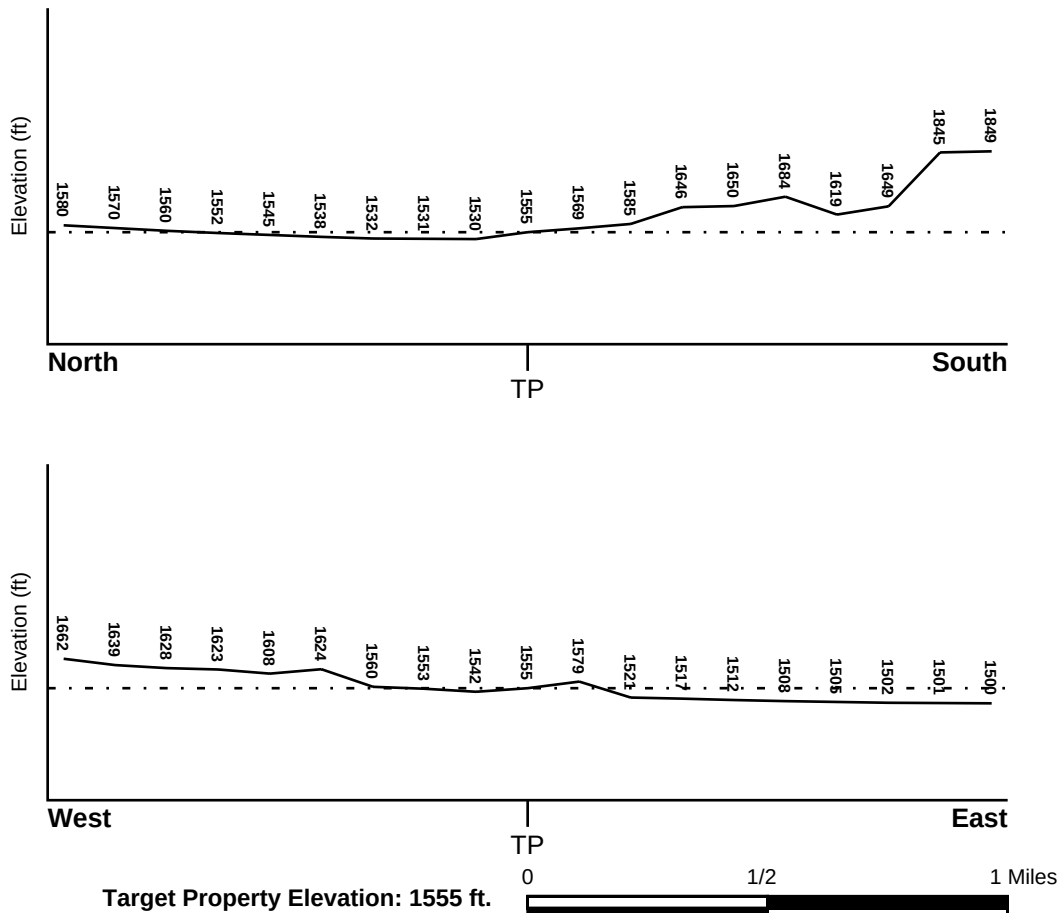
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06065C2085G	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06065C1465G	FEMA FIRM Flood data
06065C1470G	FEMA FIRM Flood data
06065C2080G	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

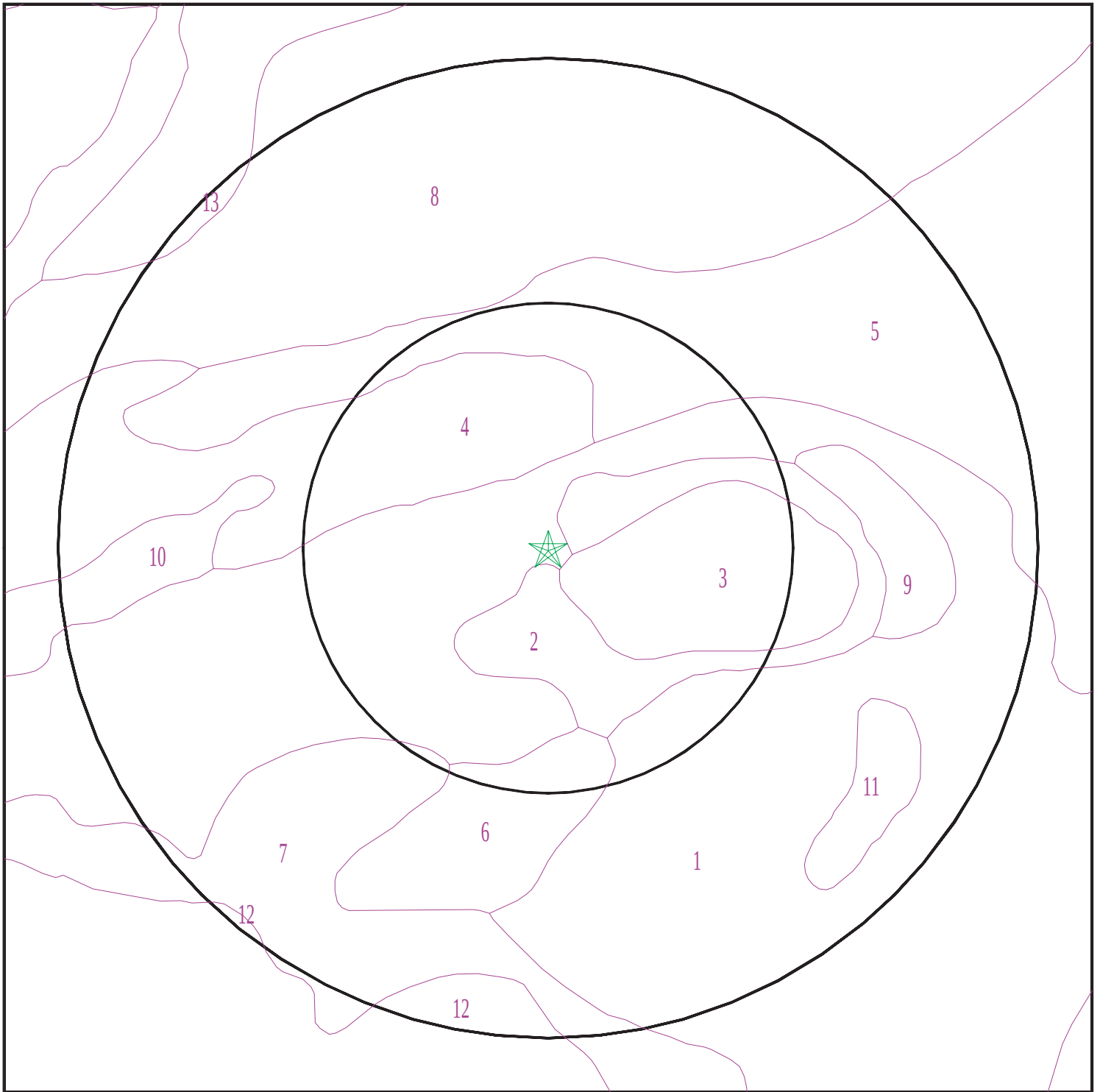
Era:	Mesozoic
System:	Cretaceous
Series:	Cretaceous granitic rocks
Code:	Kg (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

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

SSURGO SOIL MAP - 5537745.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: 34443 West Florida Avenue
ADDRESS: 34443 West Florida Avenue
Hemet CA 92545
LAT/LONG: 33.741912 / 117.057295

CLIENT: Priority One Environmental, Inc.
CONTACT: Paul Robinson
INQUIRY #: 5537745.2s
DATE: January 17, 2019 6:55 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: WYMAN

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	14 inches	35 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	35 inches	50 inches	stratified loam to clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
4	50 inches	59 inches	stratified loam to clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 2

Soil Component Name: CAJALCO

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	12 inches	20 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
3	20 inches	61 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 3

Soil Component Name: Gravel pits

Soil Surface Texture: very gravelly sand

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

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	very gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: Min:
2	5 inches	59 inches	very gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 4

Soil Component Name: GREENFIELD

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: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	25 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
2	25 inches	42 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
3	42 inches	59 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
4	59 inches	72 inches	stratified loamy sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 5

Soil Component Name: GREENFIELD

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: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	25 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
2	25 inches	42 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
3	42 inches	59 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
4	59 inches	72 inches	stratified loamy sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 6

Soil Component Name: HONCUT

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: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	22 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: 8.4 Min: 6.1
2	22 inches	59 inches	coarse 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: 8.4 Min: 6.1

Soil Map ID: 7

Soil Component Name: CAJALCO

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	12 inches	22 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
3	22 inches	61 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 8

Soil Component Name: HANFORD

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 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: 141 Min: 42	Max: 7.8 Min: 5.6
2	7 inches	40 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: 141 Min: 42	Max: 7.8 Min: 5.6
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

Soil Map ID: 9

Soil Component Name: HONCUT

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: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	22 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: 8.4 Min: 6.1
2	22 inches	59 inches	coarse 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: 8.4 Min: 6.1

Soil Map ID: 10

Soil Component Name: VISTA

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	14 inches	24 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
3	24 inches	27 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 11

Soil Component Name: YOKOHL

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	5 inches	20 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
3	20 inches	24 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6
4	24 inches	59 inches	stratified sandy loam to gravelly loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 6.6

Soil Map ID: 12

Soil Component Name: CAJALCO

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	12 inches	18 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
3	18 inches	61 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 13

Soil Component Name: VISTA

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	14 inches	24 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
3	24 inches	29 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	USGS40000137818	1/2 - 1 Mile ENE
B4	USGS40000137794	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

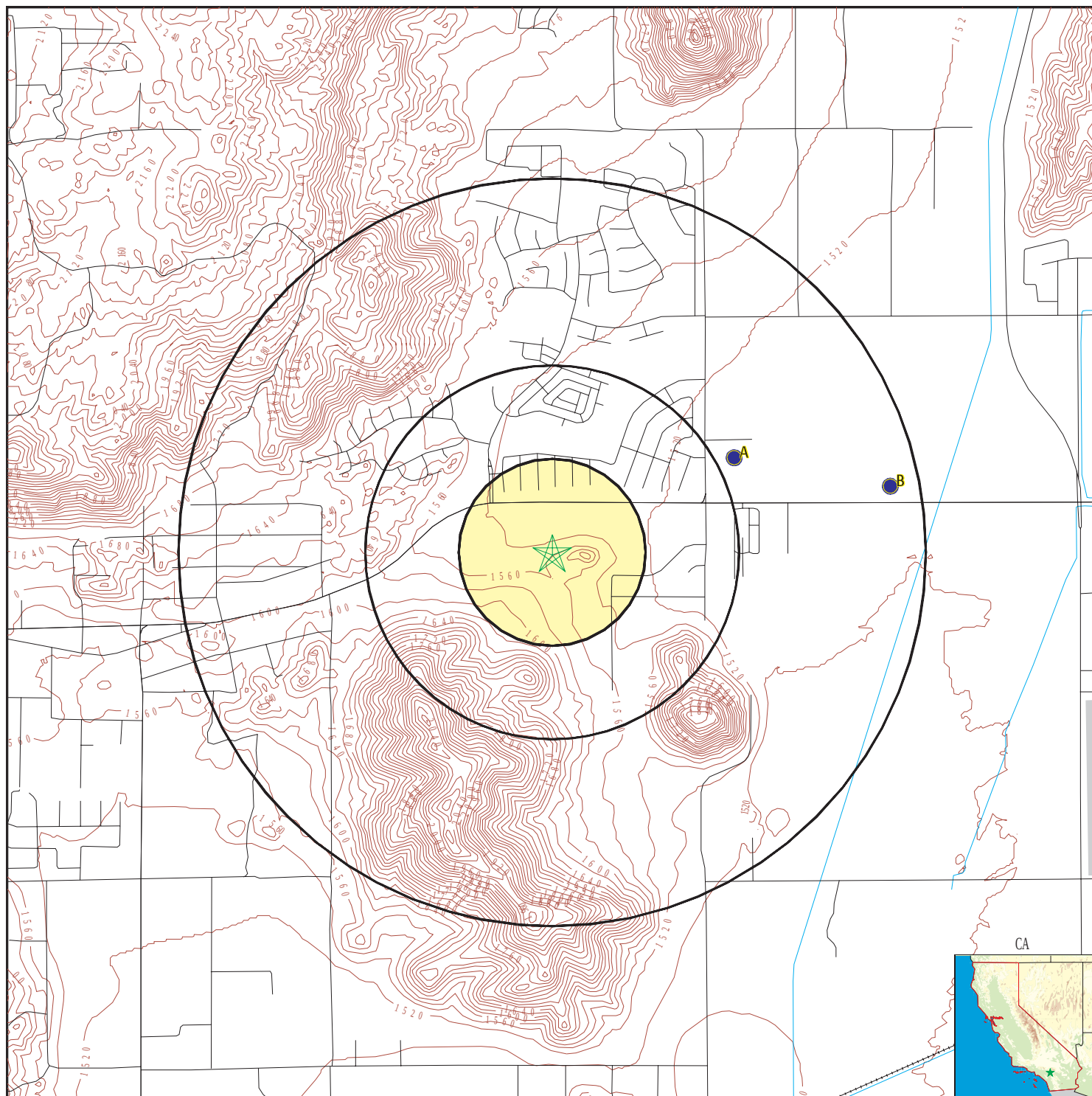
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CADW600000021625	1/2 - 1 Mile ENE
B3	CADW600000035249	1/2 - 1 Mile ENE

PHYSICAL SETTING SOURCE MAP - 5537745.2s



- 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
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: 34443 West Florida Avenue
 ADDRESS: 34443 West Florida Avenue
 Hemet CA 92545
 LAT/LONG: 33.741912 / 117.057295

CLIENT: Priority One Environmental, Inc.
 CONTACT: Paul Robinson
 INQUIRY #: 5537745.2s
 DATE: January 17, 2019 6:55 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

A1
ENE
1/2 - 1 Mile
Lower

CA WELLS CADW60000021625

Objectid:	21625	Latitude:	33.7456
Longitude:	-117.0493	Site code:	337456N1170493W001
State well numbe:	05S02W12N002S	Local well name:	"
Well use id:	6	Well use descrip:	Unknown
County id:	33	County name:	Riverside
Basin code:	'8-5'	Basin desc:	San Jacinto
Dwr region id:	80238	Dwr region:	Southern Region Office
Site id:	CADW60000021625		

A2
ENE
1/2 - 1 Mile
Lower

FED USGS USGS40000137818

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S002W12N002S	Type:	Well
Description:	Not Reported	HUC:	18070202
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:	74.3
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	4	Level reading date:	1992-07-07
Feet below surface:	35.00	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1992-04-29	Feet below surface:	33.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-12-23	Feet below surface:	34.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1991-07-03	Feet below surface:	33.61
Feet to sea level:	Not Reported	Note:	Not Reported

B3
ENE
1/2 - 1 Mile
Lower

CA WELLS CADW60000035249

Objectid:	35249	Latitude:	33.7445
Longitude:	-117.042	Site code:	337445N1170420W001
State well numbe:	05S02W12Q002S	Local well name:	"
Well use id:	6	Well use descrip:	Unknown
County id:	33	County name:	Riverside
Basin code:	'8-5'	Basin desc:	San Jacinto
Dwr region id:	80238	Dwr region:	Southern Region Office
Site id:	CADW60000035249		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B4
East
1/2 - 1 Mile
Lower

FED USGS USGS40000137794

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S002W12Q002S	Type:	Well
Description:	OBS WELL FOR RIVERSIDE DO FLOOD CONTROL ALSO		
HUC:	18070202	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:	89
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	4	Level reading date:	1992-07-07
Feet below surface:	38.90	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1992-04-29	Feet below surface:	37.04
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1991-12-23	Feet below surface:	37.60
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1991-07-03	Feet below surface:	36.73
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92545	6	0

Federal EPA Radon Zone for RIVERSIDE 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 RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA 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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34443 West Florida Avenue

34443 West Florida Avenue
Hemet, CA 92545

Inquiry Number: 5537745.5
January 23, 2019

The EDR-City Directory Image Report

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City Directory Images

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

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

RECORD SOURCES

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

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Data by

infoUSA[®]

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RESEARCH SUMMARY

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

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	☒	☐	EDR Digital Archive
2011	☒	☐	Haines Criss-Cross Directory
2005	☒	☐	Haines Criss-Cross Directory
2000	☒	☐	Haines Criss-Cross Directory
1995	☒	☐	Haines Criss-Cross Directory
1990	☒	☐	Haines Criss-Cross Directory
1985	☒	☐	Haines Criss-Cross Directory
1980	☒	☐	Haines Criss-Cross Directory
1975	☒	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

34443 West Florida Avenue
Hemet, CA 92545

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

HWY 74

2014	pg A1	EDR Digital Archive
------	-------	---------------------

W FLORIDA AVE

2011	pg A2	Haines Criss-Cross Directory
2011	pg A3	Haines Criss-Cross Directory
2005	pg A4	Haines Criss-Cross Directory
2000	pg A5	Haines Criss-Cross Directory
2000	pg A6	Haines Criss-Cross Directory
1995	pg A7	Haines Criss-Cross Directory
1995	pg A8	Haines Criss-Cross Directory
1990	pg A10	Haines Criss-Cross Directory
1990	pg A11	Haines Criss-Cross Directory
1990	pg A9	Haines Criss-Cross Directory
1985	pg A12	Haines Criss-Cross Directory
1980	pg A13	Haines Criss-Cross Directory
1980	pg A14	Haines Criss-Cross Directory
1975	pg A15	Haines Criss-Cross Directory

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

HWY 75

2014	-	EDR Digital Archive	Target and Adjoining not listed in Source
2011	-	Haines Criss-Cross Directory	Street not listed in Source
2005	-	Haines Criss-Cross Directory	Street not listed in Source
2000	-	Haines Criss-Cross Directory	Street not listed in Source
1995	-	Haines Criss-Cross Directory	Street not listed in Source
1990	-	Haines Criss-Cross Directory	Street not listed in Source
1985	-	Haines Criss-Cross Directory	Street not listed in Source
1980	-	Haines Criss-Cross Directory	Street not listed in Source
1975	-	Haines Criss-Cross Directory	Street not listed in Source

City Directory Images

HWY 74 2014

33959	PARADISE FOUNTAIN STORE
35325	LAND HOME CONSTRUCTION INC
	MA WILLIAMS MANUFACTURED HOMES
41311	PEEL MARK CONSTRUCTION
44730	VALLE VISTA MOBILE HOME PARK
45457	SHELBY AUTO GLASS
47441	TIM OWEN CUSTOM PAINTING

W FLORIDA AVE 2011

33801	XXXX	OO	
33815	MENDOZA Roberto	951-223-3507	9
33825	GOSS Rex	951-926-5658	9
33846	XXXX	OO	
33856	● FRONING Marc	OO	3
33874	● BOWYER Rebeca	OO	1
33883	● DIPIETRO Peter	OO	2
33914	CARRILLO Maria	951-926-5015	+0
	● MCLEAN Margaret	OO	5
33931	● VELAZQUEZ Arturo	951-926-3896	5
33959	★ CANDLE TREE THE	951-926-6444	3
33974	★ JET MOBILE SERVICE	951-926-3379	3
33975	● LILES Gregory	OO	
34171	♣ ● VANDERLINDEN Walter	951-926-2432	3
34306	● JAECKELS Jerome	OO	
34730	♣ ● BAYNE Steven	OO	
35099	APARTMENTS		
	♣ ALEXANDER Sandra	951-926-1015	+0
	♣ AMES Louis E	951-926-4356	
	♣ BASORE Katherine	951-926-3973	
	♣ BYRNE Marilyn	951-223-3667	+0
	♣ FARRINGTON Fred Jr	951-926-1303	
	♣ FUNK Glenn	951-926-0039	7
	♣ GOALBY Helen	951-926-9645	
	♣ HAASE Portia	951-926-0917	1
	♣ HIGGS Doyle	951-926-2717	2
	♣ JOHNSON Richard	951-325-2065	+0
148	♣ JUSTICE Mary	951-926-2927	
	♣ KNAPP Chris	951-223-3079	9
15	♣ LOVEDAY Carol	951-926-3201	
	♣ ★ MASSEY KATHLEEN	951-926-7503	+0
	♣ MAURO Dawn	951-926-9715	+0
	♣ MITCHELL William	951-926-6837	6

W FLORIDA AVE 2011

	♣ PERRY L	951-926-8248	
	♣ ★ ROSELAND MBL HM ESTS	951-926-1755	
	♣ TUCKER Corine	951-926-9543	
	♣ WEBSTER Patricia	951-926-1830	
	♣ WOODALL George	951-926-4764	+ 0
	♣ WORD Irene Lynn	951-926-4551	1
35099			
35291	★ STAR AUTO SALES	951-926-1966	3
35325	★ MA WILLIAMS MANUFACTURD HM SLS	951-926-1581	1
35375	★ MESA MOBILE HOMES	951-325-2445	7
35409	XXXX	OO	
★ 19	BUS 125 RES	10 NEW	

W FLORIDA AVE 2005

33815	MENDOZA Socorro	951-926-8651	3
33856	●FRONING Marc	OO	3
33874	●BOWYER Rebeca	OO	1
33883	●DIPIETRO Peter	OO	3
33914	●ROSALES Dioselina	OO	3
33931	●HORNBACK Pamela	OO	1
33959	★ CANDLE TREE THE	951-926-6444	+4
	●FLORES Roberto	OO	+4
	MILLER Thomas	951-926-1080	+4
	★ PARADISE FOUNTAINS	951-926-6444	+4
33974	★ JET MOBILE SERVICE	951-926-3379	3
33975	●SYBIRSKI Jean	OO	1
X CALVERT AVE			
34171	●VANDERLINDEN Walter	951-926-2432	3
35099	 APARTMENTS		
	ADAMS Barry	951-926-1015	+4
	AMES Louis E	951-926-4356	9
	AUBUCHON Bernice	951-926-5019	5
	BASORE Stanley	951-926-3973	
	BERAH Frances	951-926-9675	
	BLACKWOOD George	951-926-6484	3
	BOURBONAIS Norman	951-926-1607	
	BURKHART William	951-926-7993	3
	DECKARD David I	951-325-7231	+4
	EKSTRAND John	951-926-8680	9
	EKSTRAND John	951-926-4660	9
	EKSTRAND Mary	951-926-4660	9
	FARRINGTON Fred Jr	951-926-1303	
	GOALBY Helen	951-926-9645	
	GOETZ Beverly	951-926-4298	0
	GOETZ Clarence	951-926-4298	0
	HAASE Portia	951-926-0917	1
	HIGGS Diana	951-926-2717	2
	HIGGS Doyle	951-926-2717	2
	JUSTICE Mary	951-926-2927	9
	LEWIS Daniel A	951-926-3941	2
	LOVEDAY Carol	951-926-3201	7
	MAYBERRY Ivan	951-926-6075	1
	MENDOZA Manuel	951-926-1832	+4
	O'Dell Richard D	951-926-4976	3
	PERRY L	951-926-8248	
	PORTRUI Keith	951-926-8673	+4
	★ ROSELAND MBL HM	951-926-1755	
	ESTS		
	SMITH Donald	951-926-0410	2
	SMITH Maria	951-926-0410	2
	TUCKER Corine	951-926-9543	0
	WEBSTER Patricia	951-926-1830	5
	WEBSTER Wm C	951-926-1830	5
	WOOD Elsie	951-926-0890	2
	WORD Carl	951-926-4551	1
	WORD Irene Lynn	951-926-4551	1
35099			
35291	★ STAR AUTO SALES	951-926-1966	3
35325	★ MA WILLIAMS	951-926-1581	1
	MANUFACTURD HM		
	SLS		
35375	★ ADVANCED MOBILE	951-926-4844	
	HOMES		
	★ 21 BUS 136 RES 45 NEW		

W FLORIDA AVE 2000

33846	BRIANT Bobbie J	909-926-4576
33914	HORSLEY Traci	909-926-6637
33940	GONZALES H N	909-926-1954
33959	BROWN Jason	909-926-2686
33974	• MAXIMUM SECRTY SAFE	909-926-9563
	• MAXIMUM WELDING SUPPLIES	909-926-1510
34171	VAN Der Linden Walter	909-926-2432

AFTER 34999

SEE FLORIDA AV



17 BUS

103 RES

46 NEW

W FLORIDA AVE 2000

FLORIDA AV 92545 HEMET			
WEALTH CODE 0.2			
35099		ROSELAND TRLR PK	
		AMES Louis E	909-926-4358 9
		AUBUCHON Bernice	909-926-5019 5
		BASORE Stanley	909-926-3973
7		BERAH Frances	909-926-9675
		BEUKEMA Joanne	909-926-3128 8
		BEYMER Everett	909-926-4314 8
		BOURBONAIS Norman	909-926-1607 1
		CORNELL Robert M	909-926-4868 8
		EKSTRAND John	909-926-8680 9
		EKSTRAND John	909-926-4660 9
		EKSTRAND Mary	909-926-4660 9
		ELLIOTT Patricia	909-926-1394 8
		FARRINGTON Fred Jr	909-926-1303
		GOALBY Helen	909-926-9645
		GREGG L V	909-926-2824
		HAGMANN Raymond	909-926-1756
6		HANAPEL C	909-926-8838 3
		JUSTICE Frances D	909-926-4118 +0
		JUSTICE Mary	909-926-2927 9
		LOVEDAY Carol	909-926-3201 7
		MARTINEZ John	909-926-4877
		MCARTHY M C	909-926-9059 7
		PARISH Chester C	909-926-2687
		PERRY L	909-926-8248 2
		RANKIN Mary I	909-926-2341
		★ ROSELAND MBL HM	909-926-1755
		EST	
		TUCKER Corine	909-926-9543 +0
		TUCKER Junior	909-926-9543 +0
LB3		WEBSTER Patricia	909-926-1830 5
LB3		WEBSTER Wm C	909-926-1830 5
		WOOD W W	909-926-0051 2
		WRIGHT James	909-926-8980 8
		YOHO George C	909-926-9502 9
35099			
35291		★ STAR AUTO SALES	909-926-3452 7
35325		XXXX	OO
35375		★ ADVANCED MOBILE	909-926-4844
		HMS	
36505		DICK D T	909-929-1990 +0

W FLORIDA AVE 1995

33801	WRIGHT Charlotte	926-2896	+5
33825	TUDYK C C	926-2393	
33846	BRIANT Bobbie J	926-4576	3
33856	★DIAL A GIFT	926-3411	0
33931	XXXX	00	
33959	COHN Janina	926-9382	9
	★GREEN ACRES MARKET	926-2048	+5
33974	★MAXIMUM SCRTY WLDNG	926-1510	2
34171	VANDERLINDEN Walter	926-2432	
34306	REYNOLDS Allen	926-3708	1

AFTER 34999

SEE FLORIDA AV



18 BUS

148 RES

14 NEW

W FLORIDA AVE 1995

5	5	FLORIDA AV 92545
		HEMET
		WEALTH CODE 5.0
		35099..... ROSELAND TRLR PK
		AUBUCHON Bernice 926-5019 +5
6		BAAS Christopher 926-4600
		BALDWIN Vern 926-4307 1
		BASORE Stanley 926-3973
		BERAH Frances 926-9675 9
		BOURBONAIS Norman 926-1607 1
		BURTON Frances 926-1557 2
		CAMPBELL Carl 926-2022 +5
		CAMPBELL Violet 926-2022 +5
		CRAFT Rita 926-1713 3
		CULLER Barbara 926-4776
		CULLER Kenneth 926-4776
		CUMBERLEDGE B 926-9523 0
		EKSTRAND John 926-1734 +5
		EKSTRAND Mary 926-1734 +5
5		ENSER Claire K 926-3809
5		FARRINGTON Fred Jr 926-1303 7
5		FINCH Harry E 926-2660
2		FURGESON Raymond 926-4273 1
		GARCIA H M 926-1234
		GOALBY Helen 926-9645 7
		GREGG L V 926-2624
		GRIFFITH E G 926-3389 1
		GROVES Jas K 926-5309 2
		HAGMANN Raymond 926-1756
		HALL Woodrow F 926-1054 3
		HANAPEL C 926-8838 3
		HENLEY Clyde 926-4548 2
		HENSON John 926-1130
		HENSON Reta 926-1130
		HILL Robt C 926-3676 7
		JUSTICE Edw R 926-2927
		JUSTICE Mary F 926-2927
		KEMP Robt L 926-9111 +5
		MARINKO Frank A Sr 926-1880
		MARINKO Peggy 926-1880
		MARTINEZ John 926-9377
		MARTINEZ Josie 926-9377
5		MIRANDA Raymond D 926-4466 3
		MITCHELL Jas 926-9083 1
		MOORE John 926-9838 +5
		MOORLAG Doward 926-1488 2
		OSBORN Lillian B 926-4084 0
		PARISH Chester C 926-2687
		PERRY L 926-8248 2
		PETERSON Gerald 926-2961 1
		POWELL Donna Mae 926-4417 +5
		POWELL Leonard 926-4417 +5
		RANKIN M 926-2341
		RENWICK Elmer P 926-2963 +5
		*ROSELAND MBL HM EST 926-1755
2		SACHARASON E J 926-5343 2
2		SCHOEN Mildred 926-5117
		SCHOEN Victor 926-5117
		SCOTT Mary Lee 926-9764 3
		STIMMEL Betty 926-4118
3		STIMMEL Wm 926-4118
5		WEBSTER Patricia 926-1830 +5
3		WEBSTER Wm C 926-1830 +5
0		WIMER Esther 926-9149 0
5		WOOD W W 926-0051 2
5		35099.....
9		35325 *GROVE WEST MBL HME 926-9818 1
		*GROVE WEST MBL HME 926-9811 1
		35375 *ADVANCED MOBILE HMS 926-4844 7

W FLORIDA AVE 1990

37199	★HEMET TRAVELODGE	929-8900	6
	★TRAVELODGE HEMET	929-8900	6
39701	XXXX	00	
47445	BENNETT Dennis	927-6891	+0
47600	PATTERSON Chas R	927-3253	9
48230	BOGGESS Danny	927-3242	
	BOGGESS Pamela	927-3242	
49800	BROWN Ken	927-6133	7
	CAMPBELL Robt	927-4072	+0
	★CAMPBELL ROBT	927-11	MI
★	30 BUS 224 RES	30 NEW	FL

W FLORIDA AVE 1990

33846	BRIANT Bobbie J	00	5
33856	SAMP Wayne K	00	+0
33874	BOWYER Rebeca N	00	+0
	JOSE Rodriguez	00	7
33883	BLOODWORTH A B	00	4
33940	PAGADOR Pete P	00	7
33959	SYBIRSKI Jack	00	7
33974	MEREDITH M R	00	6
34099	SWANSON Albert W	926-9657	6
34250	XXXX	00	
35000	CROSSMAN Frank	00	+0
35099.....	ROSELAND TRLR PK		
	ARENDT Joseph L	00	4
	BERAH Frances	926-9675	9
	BOULTON Richard C	00	5
	BOURBONAIS Norman A	00	+0
	BOWLES John B	00	4
	CHRISTENSEN Jens	926-1607	9
	COVEY T R	926-3851	
	CRAFT Wm	926-4122	6
	CURLEY Jas B	926-4902	5
	ENSER Richard G	926-3809	1
	EVANS Elizabeth	00	4
7E	FINCH Harry E	926-2660	
2A	GREGG L V	926-2624	
	HENSON John	926-1130	
	HENSON Reta	926-1130	
	HOPKINS Lauren	926-9209	4
	JEROME Clarence	926-4702	4
	JUSTICE Edw R	926-2927	9

W FLORIDA AVE 1990

FLORIDA AV		92343 CONT	
	JUSTICE Mary F	926-2927	
	KARPINK June	926-2588	7
	KOHLIS Arnold C	926-9324	6
	LOKEN Marvin	926-4067	+0
	MADDEN Thomas	00	+0
	MANTLE John R	00	4
	MCGOWAN Al	926-1498	+0
	MILLER Chester H	00	5
	MUMMOLO Vito	00	6
	PADON Thoa	926-9739	+0
	PATTON Peter W	926-3934	6
	PEARSON Mary E	926-9747	
	PEARSON Russell O	926-9747	
	PECK Wesley	926-3107	6
	PETTIT Albert Sr	926-2519	+0
	PRESTON Helen	926-4440	
	PRESTON Wm	926-4440	
2B	RANKIN Carl A	926-2341	
	RIDDLE R	926-1482	+0
	ROBERSON Mabel A	00	4
	SCHULTZ G	926-3881	7
	SPADA Theodore J	00	+0
	STIMMEL Betty	926-4118	
	STIMMEL Wm	926-4118	
	STOKES Sidney W	00	4
	THOMPSON Frances W	00	5
OG	WAGONER Geraldine	926-3230	
	WILLSON A L	926-3972	3
	WILZ Milo	926-3175	
	WIMER Esther	926-9149	+0
35099			
35260	XXXX	00	
35280	XXXX	00	
35290	EASLEY Anahdea	00	+0
	SMITH Ruth L	926-3069	7
35300	CHAVEZ Arnold F	00	4
35325	XXXX	00	
35375	XXXX	00	
35410	★CA MOBILE HOMES	926-1535	6
35450	XXXX	00	
35500	★GROVE HOMES	926-1585	9

W FLORIDA AVE 1985

33801	XXXX	00
33825	TUDYK C C	926-2393
33846	FRANKE MARY G	926-4642 2
33856	REFLECTIONS ANTQS	926-2590 1
33874	XXXX	00
33883	XXXX	00
33914	XXXX	00
33915	XXXX	00
33931	CARNES WILLIAM	926-3407 9
33959	XXXX	00
33964	XXXX	00
33974	YOUNG&CHAPMAN	926-2416 0
33975	XXXX	00
33990	XXXX	00
34170	PINKERTON LARRY	926-2342 4
34171	VANDERLINDEN WALTER	926-2432 1
34306	WELCH KEITH	926-1356 +5
34443	XXXX	00
35010	XXXX	00
35060	XXXX	00
35090	KNIGHTS OF COLUMBUS	926-1910
35099	ROSELND MBL HM ESTS	
	BAAS CHRISTOPHER	926-4600 4
	BASORE STANLEY	926-3973 +5
5A	BURLAGE ROBT E	926-2722 6
8D	BYER GEO H	926-3104 7
3C	CLOUGH RAYMOND F	926-2164
	FERNANDEZ ABEL G	926-1257 1
3D	GARCIA H M	926-1234
	GINEST ALBERT W	926-2774 +5
	GUNTHER B	926-9502 +5
2G	HAGMANN RAYMOND	926-1756
	HARLAN M	926-4635 2
2A	HILL ROBERT C	926-3626 9
	HOFFORD WILLIAM	926-4402 1
	JONES WM	926-4016 +5
	KNITTLE LOIS	926-9428 +5
	LANGEROCK EARL	926-4690 +5
	LEWIS WALTER	926-4454 3
	MCALLISTER M	926-4771 +5
	MOON W L	926-2682 8
5D	PARISH CHESTER C	926-2687 8
	PERRY HAROLD	926-2438 2
6F	POWERS WESLEY R	926-1145
	ROSELAND MBL HM EST	926-1755
	SACHARIASON E J	926-2308 +5
	TOBIN CAL	926-1403
	TWINING GUY H	926-4585 2
35099		
35291	VAN DER LINDEN WALT	926-1531 +5
35300	MA WILLIAMS MBL HME	926-1581 +5
35325	HAPPY TRAVLR RV CTR	926-1524 0
35500	MELEX DISTRIBUTORS	926-1543 +5
37011	XXXX	00
37101	XXXX	00
47445	HEMET INVSTMT TOOLG	927-3578
48230	BOGGESS DANNY	927-3242 3
49800	CAMPBELL ROBERT	927-1102 1
	HUMPHREYS SAM	927-7420 +5
	SCOTT NANCY	927-1136 +5
	* 27 BUS 234 RES 50 NEW	

W FLORIDA AVE 1980

33825	TUDYK LEON F	926-2393
33846	PITROLIERE JOE	926-3792 +0
33874★	DEWITT DAN CONSTR	926-4100+0
33883	BLOODWORTH A B	926-1446 8
★	BLOODWORTH DMP TRCK	926-1446 8
33914	WOLSKE ROBT A	926-2111 +0
33915	XXXX	00
33931	CARNES WILLIAM	926-3407 9
33959	XXXX	00
33964	ARCHER EUGENE	926-2807 +0
33974★	FOREM ENERGY CO	926-2416+0
★	YOUNG&CHAPMAN	926-2416+0
33975★	PATTILLO ELECTRIC	926-1622+0
33990	XXXX	00
34170	COMBS GORDON	926-1274
34171	XXXX	00
34306	HOPKINS R A DR	926-1842
34443	COOPER RAYMOND L	926-1293 7
35010★	MAZE ROCK MOBLE HMS	926-1579+0
	WEYLER VANNA	926-1579 +0
35090★	KNIGHTS OF COLUMBUS	926-1910
35099.....	ROSELND MBL HM ESTS	
8A	ATKINSON WM R	926-2458 4
11E	BALL JOHN W	926-1239
7F	BROWN ROBERT A	926-1729 9
15A	BURLAGE ROBT E	926-2722 6
8D	BYER GEO H	926-3104 7
6D	CLARK JEAN	926-1051 6
3C	CLOUGH RAYMOND F	926-2164
7B	COX ORVILLE	926-1974 8
4G	DEMO R N	926-3176 7
5B	DYER CHAS	926-2333 5
19A	ERICKSON W E	926-2308 8
	FERRY G M	926-1948 +0
2D	FLAGSTAD C S	926-2074 6
7C	GALBREATH WM C	926-2580 5
3D	GARCIA H M	926-1234 5
1A	GOODNO FRED A	926-1737 6
2G	HAGMANN RAYMOND	926-1756 5
12A	HILL ROBERT C	926-3626 9
9C	HOLMAN L L	926-2761 5
19F	JEROME CLARENCE	926-2788 5

W FLORIDA AVE 1980

..ST HWY 74		92343 CONT..	
3A	JONES FRANK E	926-3680	9
6C	LIFTO JOHN	926-3568	9
4C	MCALLISTER M A	926-2708	6
14E	MOON W L	926-2882	8
5D	PARISH CHESTER C	926-2687	8
9B	PIERMAN GEO R	926-2036	8
16F	POWERS WESLEY R	926-1145	
	RADFORD BOB	926-3505	9
	RICKETTS JAS E	926-1851	
2C	RICKETTS V D	926-2459	8
1A★	ROSELAND MBL HM EST	926-1755	
4B	SCHOLEY HOWARD K	926-2896	7
	SEGA N	926-2500	8
14A	TAYLOR RETA	926-1130	8
7D	TOBIN CAL	926-1403	
35099			
35290	XXXX	00	
35291★	WALTS REALTY	926-1531	4
35300	XXXX	00	
35325★	HAPPY MOTORS	926-1524+0	
36250	XXXX	00	
36770	XXXX	00	
36971★	SEVEN 11 FD 17974	925-7381+0	
37011	XXXX	00	
37101★	MAGGIO BROS	925-2034	8
37120	XXXX	00	
43581★	GREEN TEE GOLF CRSE	927-1411	7
43601	ANDERSON ROY J	927-3732	7
45912	XXXX	00	
48230	MORRIS EARL	927-1882 +0	
NO #	KIDD L C	925-2218	5
★	26 BUS	226 RES	65 NEW

W FLORIDA AVE 1975

5	33825	TUDYK LEON F	926-2393
5	33883	BLOODWORTH COLLEEN	926-1446
5	33915	RAMIREZ ROGER	926-1901+5
5	33931	CARNES W A JR	926-2123
5	33959	XXXX	00
	33974	CHAPMAN DONALD	926-2416
		*YOUNG&CHAPMAN	926-2416
5	33990	CLARK NORBERT	926-2468
	34170	COMBS GORDON	926-1274
	34171	VANDERLINDEN W	926-1356
4	34306	HOPKINS R A DR	926-1842
4	34443	SANDOVAL ROBERTO F	926-2728+5
4	35090	*KNIGHTS OF COLUMBUS	926-1910
	35099	...ROSELAND MEL HM EST	
		ATKINSON WM R	926-2458 4
	11E	BALL JOHN W	926-1239
5	4G	BALLOU WALTER T	926-1258
4	6F	BOISVERT HOMER E	926-1254
		BURKS IVYL	926-2642+5
	8B	BURRIS M E	926-2198
	12A	CHAMBERS JULIA	926-1875
	3C	CLOUGH RAYMOND F	926-2164
		DYER CHAS	926-2333+5
		ERICKSON WALTER E	926-2586 4
	5F	FERRY G M	926-2248
		GALBREATH WM C	926-2580+5
		GARCIA H M	926-1737 4
		GOODNOW FRED A	926-1756+5
		HAGMANN RAYMOND	926-1754
	7	HANNAH ANDY	926-1260+5
		HARRIS RAY	926-2761+5
		HOLMAN HAZEL J	926-1165+5
		HEROME CLARENCE	926-2788+5
	20G	KEFFER HENRY M	926-1667
	24F	MCELHANEY JOHN S	926-1751
5		MILLER TED R	926-1129+5
5		MORRISON G M	926-1055 4
	82	NICHOLSON MAY E	926-1312
		OSBORNE ALTA P	926-1839+5
		OWENS DALE	926-2792+5
		PETTIJOHN D G	926-1407 4
		PITSENBERGER FLOYD	926-2848+5
		POLLEY WM T	926-1440 4
4	16F	POWERS WESLEY R	926-1145
5		RAYMOND HUBERT	926-2751+5
	5C	RICKETTS JAS E	926-1851
	1A	*ROSELAND MBL HM EST	926-1755
5	10E	ROUSE FLOYD C	926-2375
4	13F	SCOBAY ESTELLE L	926-1702
5		STEPHENS FRED	926-2584 4
	7D	TOBIN CAL	926-1403
		WESTFAHL KARL A	926-1773+5
	35099		
	35291	*WALTS REALTY	926-1531 4
	35300	*MAZE ROCK MOBILE HM	926-1579
	35325	*DUNCAN J MOBILE HM	926-2557+5
	36250	*DRAGOO REAL ESTATE	926-1257
5	36770	XXXX	00
	37011	WADE GROVER C	658-6183
	37101	LOPEZ GINGER	658-9233 4
	37480	*GEORGE STODDARD CHEV	925-6101+5
	45912	HUNT ROY W	927-1464
5	47700	HALE EARL W	927-3752 4
	49101	WRIGHT GEO JR	927-2362
5		NO # KIDD L C	925-2218+5
4		* 20 BUS 110 RES 32 NEW	



First American Title

First American Title Company
1250 Corona Pointe Court, Ste 200
Corona, CA 92879

Customer Reference:

Order Number: OSA-5828296 (tc)

Title Officer: Terrell Crutchfield
Phone: (951)256-5879
Fax No.: (866)558-2872
E-Mail: tcrutchfield@firstam.com

Escrow Officer: Brenna Ryan
Phone: (949)885-2404
Fax No.: (714)913-6372
E-Mail: bryan@firstam.com

Buyer: Stone River Capital, LLC
Owner: Six-HH 30 Partners Limited Partnership
Property: 465-040-025 026 and 027
Hemet, CA

PRELIMINARY REPORT

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

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

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

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

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

First American Title

Dated as of November 13, 2018 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

To Be Determined

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

HEMET HIGHLANDS ASSOCIATES, LLC , A CALIFORNIA LIMITED LIABILITY COMPANY SUBJECT TO ITEM NO'S. 18 AND 25

The estate or interest in the land hereinafter described or referred to covered by this Report is:

A fee.

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2018-2019.

First Installment:	\$942.48, OPEN
Penalty:	\$0.00
Second Installment:	\$942.48, OPEN
Penalty:	\$0.00
Tax Rate Area:	071-018
A. P. No.:	465-040-025-4

Affects: PARCEL 1

2. General and special taxes and assessments for the fiscal year 2018-2019.

First Installment:	\$950.84, OPEN
Penalty:	\$0.00
Second Installment:	\$950.84, OPEN
Penalty:	\$0.00
Tax Rate Area:	071-018
A. P. No.:	465-040-026-5

Affects: PARCEL 2

3. General and special taxes and assessments for the fiscal year 2018-2019.

First Installment: \$924.52, OPEN
Penalty: \$0.00
Second Installment: \$924.52, OPEN
Penalty: \$0.00
Tax Rate Area: 071-018
A. P. No.: 465-040-027-6

Affects: PARCEL 3

4. The lien of defaulted taxes for the fiscal year 2013-2014, and any subsequent delinquencies.

Tax Rate Area: 071-018
A. P. No.: [465-040-025-4](#)
Amount to redeem: \$12,479.41
Valid through: November 30, 2018
Amount to redeem: \$12,602.71
Valid through: December 31, 2018

Please contact the tax office to verify the payoff amount.

Affects: PARCEL 1

5. The lien of defaulted taxes for the fiscal year 2013-2014, and any subsequent delinquencies.

Tax Rate Area: 071-018
A. P. No.: 465-040-026-5
Amount to redeem: \$12,583.69
Valid through: November 30, 2018
Amount to redeem: \$12,708.04
Valid through: December 31, 2018

Please contact the tax office to verify the payoff amount.

Affects: PARCEL 2

6. The lien of defaulted taxes for the fiscal year 2013-2014, and any subsequent delinquencies.

Tax Rate Area: 071-018
A. P. No.: 465-040-027-6
Amount to redeem: \$12,245.88
Valid through: November 30, 2018
Amount to redeem: \$12,366.83
Valid through: December 31, 2018

Please contact the tax office to verify the payoff amount.

Affects: PARCEL 3

7. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

The Following Matters Affect PARCELS 1 AND 2:

8. An easement for PIPES, DITCHES, STREETS AND HIGHWAYS and incidental purposes in the document recorded January 30, 1899 in [Book 75 of Deeds, Page 355](#).

The location of the easement cannot be determined from record information.

9. An easement for POLE LINES and incidental purposes in the document recorded August 15, 1952 as [BOOK 1393, PAGE 263](#) OF OFFICIAL RECORDS.

(Affects PARCEL 1)

10. An easement for PUBLIC UTILITIES and incidental purposes, recorded December 10, 1959 as INSTRUMENT NO. [104998](#) OF OFFICIAL RECORDS.

In Favor of: CALIFORNIA ELECTRIC POWER COMPANY, A CORPORATION
Affects: Parcel 2

11. An easement for POLE LINES and incidental purposes, recorded January 15, 1960 as INSTRUMENT NO. [4040](#) OF OFFICIAL RECORDS.

In Favor of: CALIFORNIA ELECTRIC POWER COMPANY
Affects: as described therein

(Affects PARCEL 1)

The Following Matters Affect PARCEL 3:

12. An easement for WATER, PIPES, DITCHES, STREETS AND HIGHWAYS and incidental purposes, recorded January 30, 1889 in [Book 75 of Deeds, Page 355](#).

In Favor of: RANSOM M. MILLER AND MIRANDA MILLER, HIS WIFE
Affects: as described therein

The location of the easement cannot be determined from record information.

13. An easement for UTILITIES and incidental purposes, recorded December 10, 1959 as INSTRUMENT NO. [104998](#) OF OFFICIAL RECORDS.

In Favor of: CALIFORNIA ELECTRIC POWER COMPANY, A CORPORATION
Affects: as described therein

14. A notice of power to sell tax defaulted property dated July 01, 2012 executed by the county tax collector for non-payment of delinquent taxes recorded August 03, 2012 as INSTRUMENT NO. [2012-0367368](#) of Official Records.

The Following Matters Affect ALL PARCELS:

15. A deed of trust to secure the performance of an agreement or other obligation, recorded August 04, 2004 as INSTRUMENT NO. [2004-0605968](#) of Official Records.

Dated: August 04, 2004

Trustor: HEMET HIGHLANDS ASSOCIATES, LLC, a California limited liability company

Trustee: FIRST AMERICAN TITLE INSURANCE COMPANY

Beneficiary: D.R. HORTON LOS ANGELES HOLDING COMPANY, INC., a California corporation

A document recorded October 28, 2005 as INSTRUMENT NO. [2005-0891056](#) of Official Records provides that the deed of trust or the obligation secured thereby has been modified.

A document recorded February 13, 2007 as INSTRUMENT NO. [2007-0099535](#) of Official Records provides that the lien or charge of the deed of trust was subordinated to the lien or charge of the deed of trust recorded February 13, 2007 as INSTRUMENT NO. [2007-0099536](#) AND RECORDED FEBRUARY 13, 2007 AS INSTRUMENT NO. [2007-0099537](#) of Official Records.

16. A deed of trust to secure an original indebtedness of \$6,600,000.00 recorded February 13, 2007 as INSTRUMENT NO. [2007-0099536](#) OF OFFICIAL RECORDS.

Dated: January 25, 2007

Trustor: HEMET HIGHLANDS ASSOCIATES, LLC, a California limited liability company

Trustee: NEW CENTURY TITLE COMPANY, Temecula, California

Beneficiary: INTEGRATED FINANCIAL ASSOCIATES, a Nevada corporation

The above deed of trust states that it secures an equity line/revolving line of credit.

According to the public records, THE FOLLOWING PROPORTIONS of the beneficial interest under the deed of trust was assigned to THE FOLLOWING PARTIES: Alan P. Mintz as to an undivided 100000/660000ths Interest, Alex B. & Diane G. Gilbert, JTWRS as to an undivided 400000/660000ths interest, Betty Engedstad, Rollover IRA as to an undivided 200000/660000ths interest, Bharat C. Gandhi and Devyani B. Gandhi Living Trust as to an undivided 25000/660000ths interest, CJ Managed Assets Ltd. Partnership as to an undivided 100000/660000ths interest, Cooper Family Trust DTD 12/29/95 as to an undivided 100000/660000ths interest, Craig and Diane Shanklin JTWRS as to an undivided 50000/660000ths interest, Dale Wynn Living Trust as to an undivided 200000/660000ths interest, David M. Carver Family Ltd. Partnership as to an undivided 100000/660000ths interest, Deborah P. Chernin as to an undivided 16666.66/660000ths interest, Don and Carol Smith as to an undivided 75000/660000ths interest, Dorothy Paher or Roger Paher as to an undivided 50000/660000ths interest, Fuson Family 1998 Revocable Trust as to an undivided 100000/660000ths Interest, George F. & Mae Kalb 1985 Living Trust as to an undivided 100000/660000ths interest, Jacelyn S. Pinkus as to an undivided 16666.67/660000ths interest, James and Reba Cardwell Family Trust as to an undivided 100000/660000ths interest, James Kinard DDS Chtd. Pension Trust as to an undivided 100000/660000ths Interest, Jon A. Griffin Sr. & Judy A. Griffin Revocable Trust as to an undivided 50000/660000ths Interest, Kathleen Jones Steele Sep. Prop. Trust as to an undivided 100000/660000ths interest, Kathryn Chemin Bach as to an undivided 16666.67/660000ths interest, Kevin J. Donahoe Separate Prop. Trust as to an undivided 100000/660000ths Interest, Keyna Territo as to an undivided 50000/660000ths interest, Lee and Christy Burton, JTWRS as to an undivided 50000/660000ths interest, Leonard Buchholz Trust as to an undivided 50000/660000ths interest, Madigan Trust as to an undivided 75000/660000ths Interest, Margaret A. Vasllakos Living Trust 2004 as to an undivided 35000/660000ths interest, Marleen Schmoutey-Hamre as to an undivided 200000/660000ths Interest, Meteor Limited Partnership as to an undivided 30000/660000ths interest, Monroe Family Trust as to an undivided 25000/660000ths interest, Obstetrics/Gynecology Ltd. Pension Trust as to an undivided 200000/660000ths interest, Parsons Family Trust as to an undivided 100000/660000ths interest, Peter Yogman & Dianne Walker, JTWRS as to an undivided 100000/660000ths interest, Pipes Paving Inc. PSP as to an undivided 100000/660000ths interest, Pravin and Veena Bakraina, JTWRS as to an undivided 25000/660000ths interest, Ray W. Millisor Trust DTD 1/15/92 as restated as to an undivided 150000/660000ths interest, Richard N. Krupp Intervivos Trust as to an undivided 100000/660000ths interest, Robert & Bee Ann Knipscheer Trust as to an undivided 50000/660000ths interest, Robert and Donna McDonald Family Trust as to an undivided 200000/660000ths interest, Ruby Valley Holdings, LLC as to an undivided 100000/660000ths Interest, Schwartz Family Trust as to an undivided 100000/660000ths interest, Silver City Enterprises, LLC as to an undivided 200000/660000ths interest, Skye Enterprises, LLC as to an undivided 75000/660000ths interest, Stanley Paher & Dorothy Paher JTWRS as to an undivided 50000/660000ths interest, Stanley Paher Trust as to an undivided 250000/660000ths interest, Stanley Paher Trust as to an undivided 50000/660000ths interest, Steve C. Kalb & Wendy A. Kalb Family Trust as to an undivided 100000/660000ths interest, Sunrise Mountain Holdings, LLC as to an undivided 200000/660000ths interest, Terry and Cindy Ono as to an undivided 300000/660000ths interest, W. Owen & Janet E. Nitz, JTNRS as to an undivided 100000/660000ths interest, AND White Pine Enterprises, LLC as to an undivided 200000/660000ths interest by assignment recorded March 30, 2007 as INSTRUMENT NO. [2007-0219026](#) OF OFFICIAL RECORDS.

According to the public records, THE FOLLOWING PROPORTIONS of the beneficial interest under the deed of trust was assigned to THE FOLLOWING PARTIES: Inventory Funding, LLC as to an undivided 200000/660000ths interest, Mark Heese as to an undivided 25000/660000ths interest, AND Michael Josett & Bette State, JTWRS as to an undivided 25000/660000ths interest by assignment recorded March 30, 2007 as INSTRUMENT NO. [2007-0219029](#) OF OFFICIAL RECORDS.

According to the public records, THE FOLLOWING PROPORTIONS of the beneficial interest under the deed of trust was assigned to THE FOLLOWING PARTIES: George F. Kalb Construction Profit Sharing Trust as to an undivided 50000/6600000ths interest, Josh Hirsberg as to an undivided 200000/6600000ths interest, AND Kalb Construction Co. Profit Sharing Plan as to an undivided 100000/6600000ths interest by assignment recorded April 03, 2007 as INSTRUMENT NO. [2007-0226114](#) OF OFFICIAL RECORDS.

According to the public records, THE FOLLOWING PROPORTIONS of the beneficial interest under the deed of trust was assigned to THE FOLLOWING PARTIES: M & R Kain Family Trust as to an undivided 75000/6600000ths interest, Nevada Trust Company C/F Daryl Alterwitz, IRA as to an undivided 50000/6600000ths interest, TD3 Trust as to an undivided 100000/6600000ths interest, AND The Meritage Trust as to an undivided 100000/6600000ths interest by assignment recorded April 06, 2007 as INSTRUMENT NO. [2007-0235956](#) OF OFFICIAL RECORDS.

According to the public records, 50,000/6,600,000THS of the beneficial interest of George F. Kalb Construction Profit Sharing Trust, Steve Kalb, Trustee under the deed of trust was assigned to INTEGRATED FINANCIAL ASSOCIATES, INC. by assignment recorded June 05, 2007 as INSTRUMENT NO. [2007-0369821](#) of Official Records.

According to the public records, 50,000/6,600,000THS of the beneficial interest under the deed of trust was assigned to KATHRYN BRYANT LIVING TRUST by assignment recorded July 25, 2007 as INSTRUMENT NO. [2007-480566](#) OF OFFICIAL RECORDS.

According to the public records, 250000/6600000THS of the beneficial interest under the deed of trust was assigned to PINNACLE DOMESTIC NON GRANTOR TRUST by assignment recorded September 24, 2007 as INSTRUMENT NO. [2007-0598055](#) OF OFFICIAL RECORDS.

According to the public records, 50000/6600000THS of the beneficial interest under the deed of trust was assigned to PETER YOGMAN & DIANNE WALKER, JTWRS by assignment recorded September 24, 2007 as INSTRUMENT NO. [2007-0598058](#) OF OFFICIAL RECORDS.

According to the public records, 25,000/6,600,000THS of the beneficial interest of Michael Josett & Bette Slatoff, JTWRS under the deed of trust was assigned to MICHAEL JOSETT by assignment recorded July 15, 2010 as INSTRUMENT NO. [2010-0332001](#) of Official Records.

According to the public records, 200,000/6,600,000THS of the beneficial interest of Jeffrey M. Cooper and Kenna Cooper as Trustees of The Cooper Family Trust dated 12/29/95 as to a 100,000/6,600,000 interest and W. Owen Nitz & Janet E. Nitz, JTWROS as to a 100,000/6,600,000 interest under the deed of trust was assigned to TENTH STREET FUNDING, LP by assignment recorded January 12, 2011 as INSTRUMENT NO. [2011-0014949](#) of Official Records.

According to the public records, 200,000/6,600,000THS of the beneficial interest of Obstetrics/Gynecology Ltd. Pension Trust, Patrick M. Flanagan, Trustee under the deed of trust was assigned to STERLING TRUST CO. CUST. FBO PATRICK MICHAEL FLANAGAN, IRA by assignment recorded May 19, 2011 as INSTRUMENT NO. [2011-0222270](#) of Official Records.

According to the public records, 100,000/6,600,000THS of the beneficial interest of Richard N. Krupp Intervivos Trust, Richard N. Krupp, Trustee under the deed of trust was assigned to 8617 WESTRIDGE HOLDINGS, LLC, A NEVADA LIMITED LIABILITY COMPANY by assignment recorded May 19, 2011 as INSTRUMENT NO. [2011-0222271](#) of Official Records.

According to the public records, 100,000/6,600,000THS of the beneficial interest of Pipes Paving Inc. PSP, Patricia Richards, Trustee under the deed of trust was assigned to Sterling Trust cust. FBO William Pipes IRA as to an undivided 45,400/6,600,000ths interest, Sterling Trust cust. FBO Patricia Richards IRA as to an undivided 20,900/6,600,000ths interest, AND Premier Trust cust. FBO Ronald Fowler IRA as to an undivided 33,700/6,600,000ths interest by assignment recorded May 19, 2011 as INSTRUMENT NO. [2011-0222272](#) of Official Records.

According to the public records, 100,000/6,600,000THS of the beneficial interest of George F. & Mae Kalb 1985 Living Trust, Steven C. Kalb, Co-Trustee and George D. Kalb, Co-Trustee under the deed of trust was assigned to MBK HOLDINGS, LLC by assignment recorded June 01, 2011 as INSTRUMENT NO. [2011-0239103](#) of Official Records.

According to the public records, 100,000/6,600,000THS of the beneficial interest of Steve C. Kalb & Wendy A. Kalb Family Trust, Steve C. Kalb, Trustee under the deed of trust was assigned to SCWAK, LLC, A NEVADA LIMITED LIABILITY COMPANY by assignment recorded August 02, 2011 as INSTRUMENT NO. [2011-0336154](#) of Official Records.

According to the public records, 200,000/6,600,000THS of the beneficial interest of INVENTORY FUNDING, LLC under the deed of trust was assigned to MOAPA MANAGEMENT, LLC by assignment recorded MAY 08, 2013 as INSTRUMENT NO. [2013-0218210](#) of Official Records.

According to the public records, 54,098/6,600,000THS of the beneficial interest of Jon A. Griffin, Sr., and Judyn A. Griffin Trustee of the JON A. GRIFFIN SR. & JUDY A. GRIFFIN REVOCABLE TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562092](#) of Official Records.

According to the public records, 216,393/6,600,000THS of the beneficial interest of JOSH HIRSBERG under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562093](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of KALB CONSTRUCTION CO. PROFIT SHARING PLAN, STEVE C. KALB, TRUSTEE under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562094](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of Kathleen Jones Steele, Trustee of the KATHLEEN JONES STEELE SEP. PROP. TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562095](#) of Official Records.

According to the public records, 54,098/6,600,000THS of the beneficial interest of Kathryn Bryant, Trustee of the KATHRYN BRYANT LIVING TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562096](#) of Official Records.

According to the public records, 18,033/6,600,000THS of the beneficial interest of KATHRYN CHERNIN BACH (2) under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562097](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of Kevin J. Donahoe, Trustee of the KEVIN J. DONAHOE SEPARATE PROP. TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562098](#) of Official Records.

According to the public records, 54,098/6,600,000THS of the beneficial interest of KEYNA TERRITO under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562099](#) of Official Records.

According to the public records, 54,098/6,600,000THS of the beneficial interest of LEE AND CHRISTY BURTON, JTWRs under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562100](#) of Official Records.

According to the public records, 54,098/6,600,000THS of the beneficial interest of Leonard Buchhoiz, Trustee of the LEONARD BUCHHOLZ TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562101](#) of Official Records.

According to the public records, 81,148/6,600,000THS of the beneficial interest of Michael Katzin and Ronna Katzin, Trustees of M & R KATZIN FAMILY TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562102](#) of Official Records.

According to the public records, 81,148/6,600,000THS of the beneficial interest of Faith E. G. Madigan, Trustee of the MADIGAN TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562103](#) of Official Records.

According to the public records, 37,869/6,600,000THS of the beneficial interest of Margaret A. Vasilakos, Trustee of the MARGARET A. VASILAKOS LIVING TRUST 2004 under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562104](#) of Official Records.

According to the public records, 27,049/6,600,000THS of the beneficial interest of MARK HEESE under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562105](#) of Official Records.

According to the public records, 216,393/6,600,000THS of the beneficial interest of MARLEEN SCHMOUTEY-HAMRE under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562106](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of MBK HOLDINGS, LLC under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562107](#) of Official Records.

According to the public records, 32,459/6,600,000THS of the beneficial interest of METEOR LIMITED PARTNERSHIP under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562108](#) of Official Records.

According to the public records, 27,049/6,600,000THS of the beneficial interest of MICHAEL JOSETT under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562109](#) of Official Records.

According to the public records, 216,394/6,600,000THS of the beneficial interest of MOAPA MANAGEMENT, LLC under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562110](#) of Official Records.

According to the public records, 27,049/6,600,000THS of the beneficial interest of David Monroe and Jan Monroe Trustees of the MONROE FAMILY TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 03, 2013 as INSTRUMENT NO. [2013-0562111](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of 8617 WESTRIDGE HOLDINGS, LLC under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564283](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of RABBI YOCHAVED MINTZ under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564284](#) of Official Records.

Said document was not executed by the correct parties of record.

According to the public records, 432,787/6,600,000THS of the beneficial interest of ALEX B. & DIANE G. GILBERT, JTWRS under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564285](#) of Official Records.

According to the public records, 27,049/6,600,000THS of the beneficial interest of Bharat C. Gandhi and Devyani B. Gandhi Trustees of the BHARAT C. GANDHI AND DEVYANI B. GANDHI LIVING TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564286](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of CJ MANAGED ASSETS LTD. PARTNERSHIP under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564287](#) of Official Records.

According to the public records, 54,098/6,600,000THS of the beneficial interest of CRAIG AND DIANE SHANKLIN JTWRS under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564288](#) of Official Records.

According to the public records, 216,393/6,600,000THS of the beneficial interest of Dale Wynn, Trustee of the DALE WYNN LIVING TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564289](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of DAVID M. CARVER FAMILY LTD. PARTNERSHIP under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564290](#) of Official Records.

According to the public records, 18,033/6,600,000THS of the beneficial interest of DEBORAH P. CHERNIN under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564291](#) of Official Records.

According to the public records, 81,148/6,600,000THS of the beneficial interest of DON AND CAROL SMITH under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564292](#) of Official Records.

According to the public records, 54,098/6,600,000THS of the beneficial interest of DOROTHY PAHER OR ROGER PAHER JTWS under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564293](#) of Official Records.

Said document was not executed by the correct parties of record.

According to the public records, 22,613/6,600,000THS of the beneficial interest of EQUITY TRUST CO FBO PATRICIA RICHARDS IRA #160997 under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564294](#) of Official Records.

According to the public records, 216,393/6,600,000THS of the beneficial interest of EQUITY TRUST CO FBO PATRICK M FLANAGAN IRA #98196 under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564295](#) of Official Records.

According to the public records, 49,121/6,600,000THS of the beneficial interest of EQUITY TRUST CO FBO WILLIAM PIPES IRS #160994 under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564296](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of Francis Fuson, Trustee of the FUSON FAMILY 1998 REVOCABLE TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564297](#) of Official Records.

According to the public records, 64,918/6,600,000THS of the beneficial interest of INTEGRATED FINANCIAL ASSOCIATES under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564298](#) of Official Records.

According to the public records, 18,033/6,600,000THS of the beneficial interest of JACELYN S. PINKUS under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564299](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of James Cardwell, Trustee of the JAMES AND REBA CARDWELL FAMILY TRUST under the deed of trust was assigned to

SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564300](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of James Kinard, DDS, Trustee of the JAMES KINARD DDS CHTD. PENSION TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564301](#) of Official Records.

According to the public records, 54,098/6,600,000THS of the beneficial interest of NEVEDA TRUST COMPANY FBO DARYL ALTERWLTZ IRA under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564313](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of Mark D. Parsons and Toni B. Parsons Trustees of the PARSONS FAMILY TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564314](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of PETER YOGMAN & DIANNE WALKER, JTWRS under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564315](#) of Official Records.

According to the public records, 270,492/6,600,000THS of the beneficial interest of Reyce J. Richards, Trustee of the PINNACLE DOMESTIC NON GRANTOR TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564316](#) of Official Records.

According to the public records, 27,049/6,600,000THS of the beneficial interest of Pravin P. Bakrania and Veena P. Bakrania, Trustees of the PRAVIN P. BAKRANIA AND VEENA P. BAKRANIA LIVING TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564317](#) of Official Records.

Said document was not executed by the correct parties of record.

According to the public records, 216,393/6,600,000THS of the beneficial interest of PREMIER TRUST FBO BETTY ENGELSTAD ROLLOVER IRA under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564318](#) of Official Records.

According to the public records, 36,462/6,600,000THS of the beneficial interest of PREMIER TRUST FBO RONALD FOWLER IRA under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564319](#) of Official Records.

According to the public records, 162,295/6,600,000THS of the beneficial interest of Pam Millisor, Trustee of the RAY W. MILLISOR TRUST DTD 1/15/92 AS RESTATED under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564320](#) of Official Records.

According to the public records, 216,393/6,600,000THS of the beneficial interest of ROBERT AND DONNA MCDONALD FAMILY TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564321](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of RUBY VALLEY HOLDINGS, LLC under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564322](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of SCWAK, LLC under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564323](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of John Schwartz, Trustee of the SCHWARTZ FAMILY TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564324](#) of Official Records.

According to the public records, 216,393/6,600,000THS of the beneficial interest of SILVER CITY ENTERPRISES, LLC under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564325](#) of Official Records.

According to the public records, 324,590/6,600,000THS of the beneficial interest of Stanley Pher, Trustee of the STANLEY PAHER TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564326](#) of Official Records.

According to the public records, 216,393/6,600,000THS of the beneficial interest of SUNRISE MOUNTAIN HOLDINGS, LLC under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564327](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of J. Thomas Donahue III, Trustee of the TD3 TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564328](#) of Official Records.

According to the public records, 108,197/6,600,000THS of the beneficial interest of Charles M. Damus, Trustee of THE MERITAGE TRUST under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564329](#) of Official Records.

According to the public records, 216,393/6,600,000THS of the beneficial interest of WHITE PINE ENTERPRISES, LLC under the deed of trust was assigned to SIX HH 30 PARTNERS LIMITED PARTNERSHIP by assignment recorded DECEMBER 04, 2013 as INSTRUMENT NO. [2013-0564330](#) of Official Records.

According to the public records, all of the beneficial interest of Dorothy Paher (Decedent) under the deed of trust was assigned to Stanley Paher as Surviving Joint Tenant by Affidavit - Death of Joint

Tenant (By Surviving Joint Tenant Who is Not the Surviving Spouse) recorded December 31, 2013 as Instrument No. [2013-0601254](#) of Official Records.

Notes:

a. If this deed of trust is to be eliminated in the policy or policies contemplated by this report/commitment, we will require all of the following prior to the recordation of any documents or the issuance of any policy of title insurance:

i. Original note and deed of trust.

ii. Payoff demand statement signed by all present beneficiaries.

iii. Request for reconveyance signed by all present beneficiaries.

b. If the payoff demand statement or the request for reconveyance is to be signed by a servicer, we will also require a full copy of the loan servicing agreement executed by all present beneficiaries.

c. If any of the beneficial interest is presently held by trustees under a trust agreement, we will require a certification pursuant to Section 18100.5 of the California Probate Code in a form satisfactory to the Company

17. A deed of trust to secure an original indebtedness of \$1,175,000.00 recorded February 13, 2007 as INSTRUMENT NO. [2007-0099537](#) OF OFFICIAL RECORDS.

Dated: January 25, 2007

Trustor: HEMET HIGHLANDS ASSOCIATES, LLC, a California limited liability company

Trustee: NEW CENTURY TITLE COMPANY, Temecula, California

Beneficiary: INTEGRATED FINANCIAL ASSOCIATES, a Nevada corporation

The above deed of trust states that it secures an equity line/revolving line of credit.

According to the public records, THE FOLLOWING PROPORTIONS of the beneficial interest under the deed of trust was assigned to THE FOLLOWING PARTIES: David M. Garver Family Ltd. Partnership as to an undivided 500000/1175000ths interest, Deborah Stout Trust as to an undivided 67142.96/1175000ths interest, First Regional Bank cust. FBO Jon Griffin, IRA as to an undivided 15000/1175000ths interest, Lucrecia Sparks as to an undivided 50000/1175000ths interest, AND Mark Heese as to an undivided 125000/1175000ths interest by assignment recorded March 30, 2007 as INSTRUMENT NO. [2007-0219025](#) OF OFFICIAL RECORDS.

According to the public records, THE FOLLOWING PROPORTIONS of the beneficial interest under the deed of trust was assigned to THE FOLLOWING PARTIES: Anthony C. & Linda A. Pusateri Family Trust as to an undivided 15000/1175000ths interest, Arthur Snyder as to an undivided 50000/1175000ths interest, David Lucchese & Lisa Lucchese, JTWRS as to an undivided 50000/1175000ths interest, AND Jerome F. Snyder as to an undivided 50000/1175000ths interest by assignment recorded March 30, 2007 as INSTRUMENT NO. [2007-0219027](#) OF OFFICIAL RECORDS.

According to the public records, 50000/1175000THS of the beneficial interest under the deed of trust was assigned to NINA SAXON DEFINED BENEFIT PENSION PLAN by assignment recorded March 30, 2007 as INSTRUMENT NO. [2007-0219028](#) OF OFFICIAL RECORDS.

According to the public records, 50000/1175000THS of the beneficial interest under the deed of trust was assigned to JOHN LEWENAUER by assignment recorded March 30, 2007 as INSTRUMENT NO. [2007-0219030](#) OF OFFICIAL RECORDS.

According to the public records, THE FOLLOWING PROPORTIONS of the beneficial interest under the deed of trust was assigned to THE FOLLOWING PARTIES: LISA LUCCHESI, CUST. UGMA ANALISE LUCCHESI AS TO AN UNDIVIDED 10000/1175000THS INTEREST, LISA LUCCHESI, CUST. UGMA LILIANA LUCCHESI AS TO AN UNDIVIDED 10000/1175000THS INTEREST, AND ROBERT AND RUTH RAASVELD FAMILY TRUST AS TO AN UNDIVIDED 130000/1175000THS INTEREST by assignment recorded April 03, 2007 as INSTRUMENT NO. [2007-0226115](#) OF OFFICIAL RECORDS.

According to the public records, 2,000/1,750,000THS of the beneficial interest under the deed of trust was assigned to VG REVOCABLE TRUST by assignment recorded September 24, 2007 as INSTRUMENT NO. [2007-0598062](#) OF OFFICIAL RECORDS.

The effect of a document entitled "SUBSTITUTION OF TRUSTEE AND FULL RECONVEYANCE", recorded MARCH 21, 2013 as INSTRUMENT NO. [2013-0137898](#) of Official Records.

A document recorded MARCH 21, 2013 as INSTRUMENT NO. [2013-0137898](#) of Official Records provides that INTEGRATED FINANCIAL ASSOCIATES, INC was substituted as trustee under the deed of trust.

Said document was not executed by the correct parties of record.

According to the public records, 50,000.00/1,175,000.00THS of the beneficial interest of ARTHUR SNYDER under the deed of trust was assigned to TERRI LEVITCH by assignment recorded APRIL 03, 2013 as INSTRUMENT NO. [2013-0159451](#) of Official Records.

According to the public records, 48,513.07/1,175,000.00THS of the beneficial interest of MORGAN STANLEY SMITH BARNEY FBO NINA SAXON DBPP under the deed of trust was assigned to FIRST CLEARING CORPORATION AS CUST. FBO NINA J. SAXON, IRA by assignment recorded SEPTEMBER 25, 2013 as INSTRUMENT NO. [2013-0462277](#) of Official Records.

Notes:

a. If this deed of trust is to be eliminated in the policy or policies contemplated by this report/commitment, we will require all of the following prior to the recordation of any documents or the issuance of any policy of title insurance:

i. Original note and deed of trust.

ii. Payoff demand statement signed by all present beneficiaries.

iii. Request for reconveyance signed by all present beneficiaries.

b. If the payoff demand statement or the request for reconveyance is to be signed by a servicer, we will also require a full copy of the loan servicing agreement executed by all present beneficiaries.

c. If any of the beneficial interest is presently held by trustees under a trust agreement, we will require a certification pursuant to Section 18100.5 of the California Probate Code in a form satisfactory to the Company

18. The effect of a document entitled "NON-MERGER DEED IN LIEU OF FORECLOSURE AND ESTOPPEL AGREEMENT ", recorded May 01, 2014 as Instrument No. [2014-0159322](#) of Official Records.

If the deed was intended as a full satisfaction of the obligation secured by the deed of trust, an Estoppel Affidavit and reconveyance must be obtained.

Document re-recorded August 25, 2014 as Instrument No. [2014-0322325](#) of Official Records.

19. Any claim that the Title is subject to a trust or lien created under The Perishable Agricultural Commodities Act, 1930 (7 U.S.C. §§499a, et seq.) or the Packers and Stockyards Act (7 U.S.C. §§181 et seq.) or under similar state laws.
20. Rights of the public in and to that portion of the land lying within any Road, Street, Alley or Highway.
21. Water rights, claims or title to water, whether or not shown by the public records.
22. Rights of parties in possession.

Prior to the issuance of any policy of title insurance, the Company will require:

23. With respect to HEMET HIGHLANDS ASSOCIATES, LLC, a California limited liability company:
 - a. A copy of its operating agreement and any amendments thereto;
 - b. If it is a California limited liability company, that a certified copy of its articles of organization (LLC-1) and any certificate of correction (LLC-11), certificate of amendment (LLC-2), or restatement of articles of organization (LLC-10) be recorded in the public records;
 - c. If it is a foreign limited liability company, that a certified copy of its application for registration (LLC-5) be recorded in the public records;
 - d. With respect to any deed, deed of trust, lease, subordination agreement or other document or instrument executed by such limited liability company and presented for recordation by the Company or upon which the Company is asked to rely, that such document or instrument be executed in accordance with one of the following, as appropriate:
 - (i) If the limited liability company properly operates through officers appointed or elected pursuant to the terms of a written operating agreement, such document must be executed by at least two duly elected or appointed officers, as follows: the chairman of the board, the president or any vice president, and any secretary, assistant secretary, the chief financial officer or any assistant treasurer;
 - (ii) If the limited liability company properly operates through a manager or managers identified in the articles of organization and/or duly elected pursuant to the terms of a written operating agreement, such document must be executed by at least two such managers or by one manager if the limited liability company properly operates with the existence of only one manager.
 - e. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require
24. With respect to HEMET HIGHLANDS ASSOCIATES, LLC, A CALIFORNIA LIMITED LIABILITY COMPANY, a certificate of revivor and a certificate of relief from contract voidability issued by the Franchise Tax Board of the State of California.
25. With respect to SIX-HH 30 PARTNERS LIMITED PARTNERSHIP, a Nevada limited partnership:
 - a. That a certified copy of the application for registration, foreign limited partnership (form LP-5) and any amendments thereto (form LP-6) be recorded in the public records;
 - b. A full copy of the partnership agreement and any amendments;
 - c. Satisfactory evidence of the consent of a majority in interest of the limited partners to the contemplated transaction;
 - d. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require.

INFORMATIONAL NOTES

Note: The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than the certain dollar amount set forth in any applicable arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. If you desire to review the terms of the policy, including any arbitration clause that may be included, contact the office that issued this Commitment or Report to obtain a sample of the policy jacket for the policy that is to be issued in connection with your transaction.

1. The property covered by this report is vacant land.
2. According to the public records, there has been no conveyance of the land within a period of twenty-four months prior to the date of this report, except as follows:

None

The map attached, if any, may or may not be a survey of the land depicted hereon. First American expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

LEGAL DESCRIPTION

Real property in the unincorporated area of the County of Riverside, State of California, described as follows:

PARCEL 1: (APN: [465-040-025-4](#))

EAST 1/2 OF THE WEST 1/2 OF THE NORTHWEST 1/4 OF THE NORTHEAST 1/4 OF SECTION 14, TOWNSHIP 5 SOUTH, RANGE 2 WEST, SAN BERNARDINO BASE AND MERIDIAN.

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE COUNTY OF RIVERSIDE FOR ROAD PURPOSES BY DEED RECORDED MARCH 30, 1915 IN [BOOK 406 PAGE 129](#) OF DEEDS, RIVERSIDE COUNTY RECORDS.

ALSO EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY TRANSPORTATION COMMISSION BY DEED RECORDED MARCH 28, 2012 AS INSTRUMENT NO. [2012-0142051](#), OF OFFICIAL RECORDS.

PARCEL 2: (APN: 465-040-026-5)

THE WEST 337 FEET OF THE EAST HALF OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 14, TOWNSHIP 5 SOUTH, RANGE 2 WEST, SAN BERNARDINO BASE AND MERIDIAN.

EXCEPTING THEREFROM THAT PORTION GRANTED TO THE COUNTY OF RIVERSIDE BY DEED RECORDED MARCH 30, 1915 IN [BOOK 406 PAGES 129](#) OF DEEDS, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

ALSO EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY TRANSPORTATION COMMISSION BY DEED RECORDED MARCH 28, 2012 AS INSTRUMENT NO. [2012-0142051](#), OF OFFICIAL RECORDS.

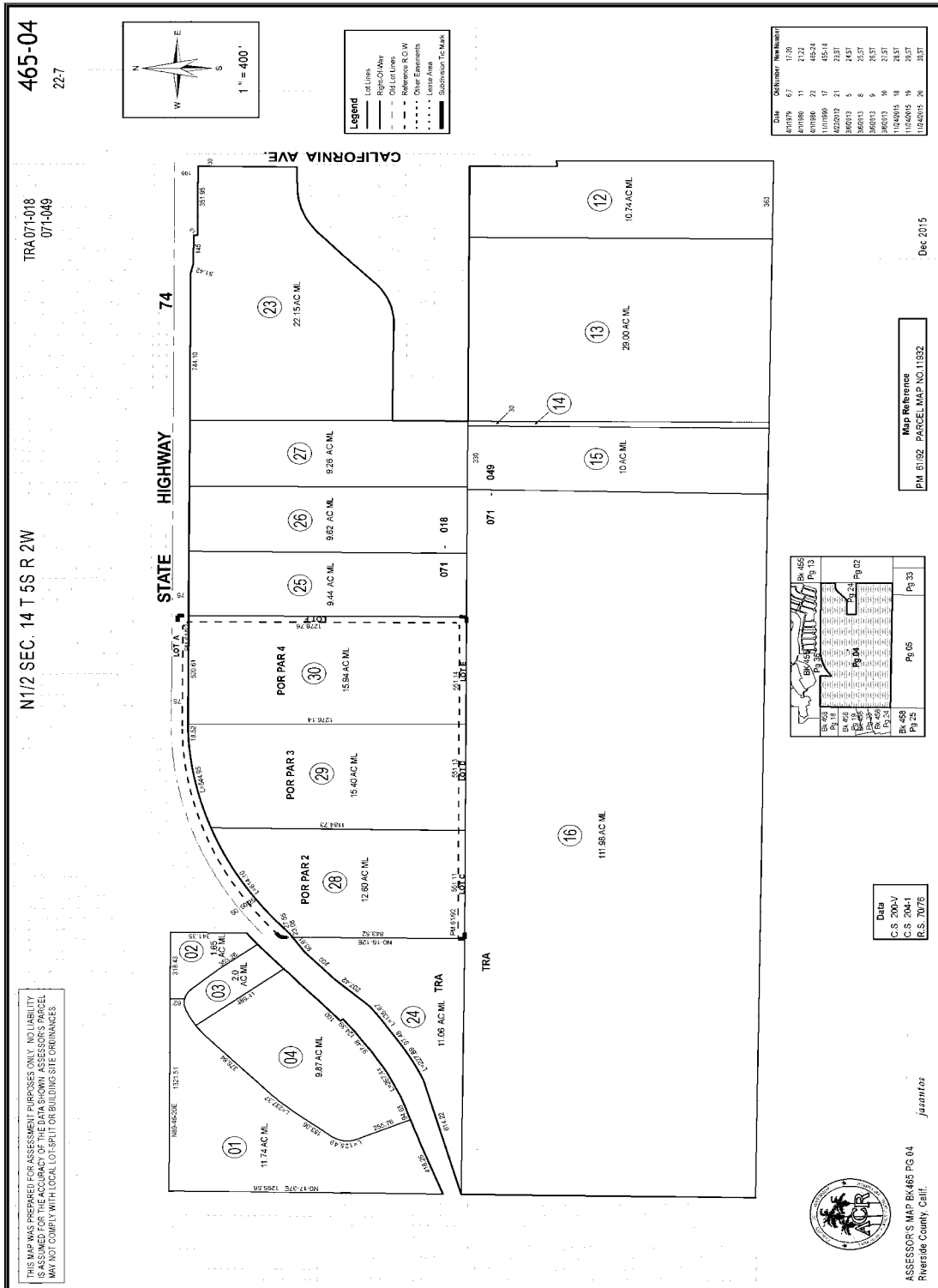
PARCEL 3: (APN: 465-040-027-6)

THE EAST HALF OF THE NORTHWEST QUARTER OF THE NORTHEAST QUARTER OF SECTION 14, TOWNSHIP 5 SOUTH, RANGE 2 WEST, SAN BERNARDINO BASE AND MERIDIAN.

EXCEPTING THEREFROM THE WEST 337 FEET.

ALSO EXCEPTING THEREFROM THAT PORTION GRANTED TO THE COUNTY OF RIVERSIDE BY DEED RECORDED MARCH 30, 1915, IN [BOOK 406 PAGE 129](#) OF DEEDS, RECORDS OF RIVERSIDE.

ALSO EXCEPTING THEREFROM THAT PORTION GRANTED TO THE RIVERSIDE COUNTY TRANSPORTATION COMMISSION BY DEED RECORDED MARCH 28, 2012 AS INSTRUMENT NO. [2012-0142051](#), OF OFFICIAL RECORDS.



NOTICE

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

EXHIBIT A
LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)

CLTA STANDARD COVERAGE POLICY – 1990

EXCLUSIONS FROM COVERAGE

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

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

EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I

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

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

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

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

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
 - a. building;
 - b. zoning;
 - c. land use;
 - d. improvements on the Land;
 - e. land division; and
 - f. environmental protection.
 This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
 - a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
 - b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
 - c. that result in no loss to You; or
 - d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
 - a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
 - b. in streets, alleys, or waterways that touch the Land.
 This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.
8. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
9. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

LIMITATIONS ON COVERED RISKS

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

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

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

	<u>Your Deductible Amount</u>	<u>Our Maximum Dollar Limit of Liability</u>
Covered Risk 16:	1% of Policy Amount Shown in Schedule A or \$2,500 (whichever is less)	\$10,000
Covered Risk 18:	1% of Policy Amount Shown in Schedule A or \$5,000 (whichever is less)	\$25,000
Covered Risk 19:	1% of Policy Amount Shown in Schedule A or \$5,000 (whichever is less)	\$25,000
Covered Risk 21:	1% of Policy Amount Shown in Schedule A or \$2,500 (whichever is less)	\$5,000

2006 ALTA LOAN POLICY (06-17-06)

EXCLUSIONS FROM COVERAGE

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

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;

- (iii) the subdivision of land; or
- (iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

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

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

EXCEPTIONS FROM COVERAGE

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

[PART I

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

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

PART II

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

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

EXCLUSIONS FROM COVERAGE

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

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

- (i) the occupancy, use, or enjoyment of the Land;
- (ii) the character, dimensions, or location of any improvement erected on the Land;
- (iii) the subdivision of land; or
- (iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
 - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
 - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
 - (c) resulting in no loss or damage to the Insured Claimant;
 - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 or 10); or
 - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
 - (a) a fraudulent conveyance or fraudulent transfer, or
 - (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

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

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of: [The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

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

ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (07-26-10)

EXCLUSIONS FROM COVERAGE

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

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
 - (i) the occupancy, use, or enjoyment of the Land;
 - (ii) the character, dimensions, or location of any improvement erected on the Land;
 - (iii) the subdivision of land; or
 - (iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d),

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



First American Title

Privacy Information

We Are Committed to Safeguarding Customer Information

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our subsidiaries we have adopted this Privacy Policy to govern the use and handling of your personal information.

Applicability

This Privacy Policy governs our use of the information that you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values.

Types of Information

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

Use of Information

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

Former Customers

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

Confidentiality and Security

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

Information Obtained Through Our Web Site

First American Financial Corporation is sensitive to privacy issues on the Internet. We believe it is important you know how we treat the information about you we receive on the Internet.

In general, you can visit First American or its affiliates' Web sites on the World Wide Web without telling us who you are or revealing any information about yourself. Our Web servers collect the domain names, not the e-mail addresses, of visitors. This information is aggregated to measure the number of visits, average time spent on the site, pages viewed and similar information. First American uses this information to measure the use of our site and to develop ideas to improve the content of our site.

There are times, however, when we may need information from you, such as your name and email address. When information is needed, we will use our best efforts to let you know at the time of collection how we will use the personal information. Usually, the personal information we collect is used only by us to respond to your inquiry, process an order or allow you to access specific account/profile information. If you choose to share any personal information with us, we will only use it in accordance with the policies outlined above.

Business Relationships

First American Financial Corporation's site and its affiliates' sites may contain links to other Web sites. While we try to link only to sites that share our high standards and respect for privacy, we are not responsible for the content or the privacy practices employed by other sites.

Cookies

Some of First American's Web sites may make use of "cookie" technology to measure site activity and to customize information to your personal tastes. A cookie is an element of data that a Web site can send to your browser, which may then store the cookie on your hard drive.

FirstAm.com uses stored cookies. The goal of this technology is to better serve you when visiting our site, save you time when you are here and to provide you with a more meaningful and productive Web site experience.

Fair Information Values

Fairness We consider consumer expectations about their privacy in all our businesses. We only offer products and services that assure a favorable balance between consumer benefits and consumer privacy.

Public Record We believe that an open public record creates significant value for society, enhances consumer choice and creates consumer opportunity. We actively support an open public record and emphasize its importance and contribution to our economy.

Use We believe we should behave responsibly when we use information about a consumer in our business. We will obey the laws governing the collection, use and dissemination of data.

Accuracy We will take reasonable steps to help assure the accuracy of the data we collect, use and disseminate. Where possible, we will take reasonable steps to correct inaccurate information. When, as with the public record, we cannot correct inaccurate information, we will take all reasonable steps to assist consumers in identifying the source of the erroneous data so that the consumer can secure the required corrections.

Education We endeavor to educate the users of our products and services, our employees and others in our industry about the importance of consumer privacy. We will instruct our employees on our fair information values and on the responsible collection and use of data. We will encourage others in our industry to collect and use information in a responsible manner.

Security We will maintain appropriate facilities and systems to protect against unauthorized access to and corruption of the data we maintain.

**GEOTECHNICAL INVESTIGATION
HIGHWAY 74 PARCEL**

**HIGHWAY 74
WEST OF CALIFORNIA AVENUE
RIVERSIDE COUNTY, CALIFORNIA**



GEOCON
INCORPORATED

**GEOTECHNICAL
CONSULTANTS**

PREPARED FOR

**RANCO REAL ESTATE GROUP
TEMECULA, CALIFORNIA**

APRIL 6, 2004



Project No. T2214-12-01
April 6, 2004

Ranco Real Estate Group
41743 Enterprise Circle, North, Suite 207
Temecula, California 92590

Attention: Mr. Dennis Grace

Subject: HIGHWAY 74 PARCEL
HIGHWAY 74 WEST OF CALIFORNIA AVENUE
RIVERSIDE COUNTY, CALIFORNIA
GEOTECHNICAL INVESTIGATION

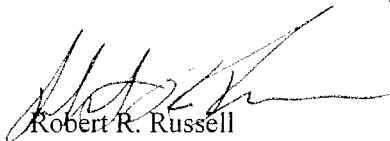
Gentlemen:

In accordance with your authorization and our proposal IE-046, dated March 17, 2004, we have performed a geotechnical investigation for the subject property located in the Hemet area of Riverside County, California. The accompanying report presents the results of our study and includes our conclusions and recommendations pertaining to the geologic and geotechnical aspects of developing the property as presently proposed. It is our opinion that the site is suitable for development, provided the recommendations of this report are followed.

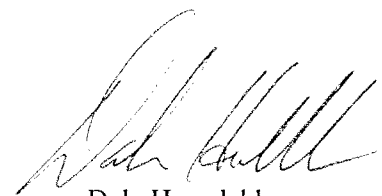
Should you have questions regarding this report, or if we may be of further service, please contact the undersigned at your convenience.

Very truly yours,

GEOCON INLAND EMPIRE, INC.


Robert R. Russell
GE 2042


Lisa Battiato
RG 7512


Dale Hamelehle
CEG 1760

RRR:LAB:DH:tg

(6) Addressee

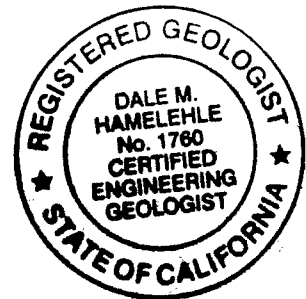
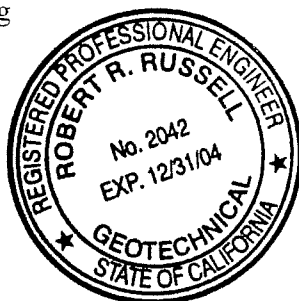


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LIMITATIONS AND UNIFORMITY OF CONDITIONS

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APPENDIX A

FIELD INVESTIGATION

- Table A-I, Seismic Traverse Results
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LABORATORY TESTING

- Table B-I, Summary of Laboratory Maximum Dry Density and Optimum Moisture Content Test Results
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APPENDIX C

RECOMMENDED GRADING SPECIFICATIONS

GEOTECHNICAL INVESTIGATION

1. PURPOSE AND SCOPE

This report presents the findings of a geotechnical investigation for a 30-acre property located southwest of Hemet in Riverside County, California. The location of the site is noted on the enclosed Vicinity Map, Figure 1. The purpose of the investigation was to evaluate the rippability of bedrock and the geologic conditions, sample and observe the prevailing soil conditions and, based on the conditions encountered, provide recommendations regarding the geotechnical aspects of developing the property.

The scope of the investigation included a site reconnaissance, review of aerial photographs and pertinent geologic literature (*References*), two seismic refraction traverses, and the excavation of 16 exploratory trenches. Details of the field investigation are presented in Appendix A. The approximate locations of the exploratory excavations and seismic lines are depicted on the Geologic Map (Figure 2).

Laboratory testing was performed on samples of materials obtained from the exploratory excavations to determine the maximum dry density and optimum moisture content, expansion potential, shear strength characteristics, collapse potential and water-soluble sulfate content. Details of the laboratory testing are presented in Appendix B.

2. SITE AND PROJECT DESCRIPTION

The property is a rectangle-shaped parcel of land consisting of approximately 30 acres, located in the Hemet area of Riverside County. The site is bounded on the north by Highway 74, on the south by Lyn Avenue, on the east by Joel Drive, and on the west by an open field. A trailer park is present to the southeast and a residence is present to the south of the property. Open fields were observed east, southwest and west of the property. A bedrock hill in the south central area of the property has been quarried from prior to 1949 to the present. A gently northeast sloping alluvial fan occupies the northern portion of the property. Elevations range from 1520 feet above Mean Sea Level (MSL) in the northeast to 1575 feet MSL in the southwest portion. Drainage is directed to the northeast.

At the time of the field exploration, the property was vacant. Based on our aerial photograph review, the site had been utilized as a quarry since prior to 1949 and a residence was present in the northwestern portion of the property from prior to 1962 to prior to 1984. A 15-foot-long, 8-foot-diameter tank was observed in the southeastern area of the property during a site reconnaissance. According to the placard which read "1993" the tank likely contained fuel oil. High pressure gas lines are present along the south side of Highway 74. An Eastern Municipal Water District (EMWD) line

is located along Joel Drive. At the time of our field exploration, vegetation consisted of a moderate growth of grasses and occasional trees.

A 200-scale ortho-topo map obtained from Riverside County Flood Control and Water Conservation District was enlarged to a scale of 1 inch = 100 feet and utilized as the base map for our Geologic Map, Figure 2. Discussions regarding the project indicate that no development plans have been prepared for the site. However, it is understood that the property is planned to be utilized for two-story single and multi-family housing. Based on topography, it is anticipated that maximum thickness of cuts and fills will be on the order of 20 feet. Cut and fill slopes are anticipated to be at a slope ratio of 2:1 (horizontal to vertical) and a maximum height of 20 feet.

The site description and proposed development are based on discussions with you, the site topography, a site reconnaissance, observations made during the field investigation and a review of the referenced geologic publications. If project details differ significantly from those described, Geocon should be contacted for review and possible revision to this report.

3. SOIL AND GEOLOGIC CONDITIONS

The materials encountered during this investigation include surficial soils consisting of undocumented fill, younger alluvium, and older alluvium. The formational unit consists of gabbroic bedrock. Surficial soils and the formational unit anticipated and/or observed are discussed below and their approximate locations are illustrated on the Geologic Map (Figure 2).

3.1 Undocumented Fill (Qudf)

Undocumented fill consisting of sand, gravel, cobbles and boulders appears to be derived from the onsite quarry operations. The fill material within the southern portion of the site consists of loose to medium dense, orange-brown, slightly clayey silty sand. The material appears to have been stripped from the hillside, to expose the bedrock, and stockpiled in the southern area of the site. The fill soils within the remainder of the site consisted of gray-brown silty sands with variable amounts of gravel, cobbles and boulders. Large boulders (approximately 5 to 7 feet in diameter) were observed in isolated areas of the property and could be present within the fill piles. The undocumented fill is not considered suitable to provide support for engineered fill and/or structural loads and should be removed prior placement of fill and/or settlement sensitive site improvements.

3.2 Alluvium (Qal)

Younger alluvium was encountered to depths of 3 to 11 feet within the northern area of the property. The observed alluvium consisted of loose, damp to moist, orange-brown fine to coarse silty sand,

which was moderately porous. This surficial soil unit is not considered suitable to provide support for engineered fill and/or structural loads and should be removed prior placement of fill and/or settlement sensitive site improvements.

3.3 Older Alluvium (Qoal)

Older alluvium was encountered beneath the younger alluvium in the northern portion of the property. The older alluvium consisted of orange-brown to red-brown, slightly clayey to silty sands which were slightly to moderately porous. The upper approximately one to two feet of this unit is not considered suitable to provide support for engineered fill and/or structural loads and should be removed prior placement of fill and/or settlement sensitive site improvements.

3.4 Gabbroic Bedrock (Kgab)

Gabbroic bedrock was exposed within the central and southern portions of the property and underlies the northern portion of the property at depth. The rock is soft to hard and fairly fresh to highly weathered. It excavates as coarse silty sand and angular cobbles. Seismic refraction traverses indicate the rock is generally rippable to depths of 25 to 50 feet. This unit is suitable to support engineered fill and structural loads.

4. RIPPABILITY

A geophysical survey consisting of two seismic refraction traverses was performed to preliminarily assess the rippability of the bedrock. Results of the geophysical survey are summarized in Appendix A, which provides the seismic velocities of the various layers and the anticipated depth of excavation (to finish pad grade) at each traverse. Generally, the gabbroic bedrock appears to be rippable to depths of 25 to 50 feet. Excavations within the marginally rippable material may require a moderate to heavy excavation effort with a D9 or equivalent Caterpillar tractor equipped with a single-shank hydraulic ripper. Excavations within the gabbroic bedrock will result in some oversize material that will require special handling and placement. The *Recommended Grading Specifications* (Appendix C) provide specific recommendations for the placement of oversized rock.

5. GROUNDWATER

Groundwater was not encountered within the trench excavations. Based on well record data, groundwater elevations were at 1473 feet (MSL) in a well located 1/4 mile north of the site. Geotechnical borings performed for the site immediately north of the subject property encountered groundwater at depths of 32 to 42 feet below natural ground (Pacific Soils, 1995; Geocon, 2002a). The lowest site elevation is approximately 1520. Considering the elevation of groundwater north of

the site and the elevation of the subject property, groundwater is estimated to be 47 feet below natural ground within the subject site. It is unlikely that true groundwater will be encountered during grading. However, depending on the time of year the property is graded, seasonal, perched groundwater may be encountered at the soil/bedrock contact.

6. GEOLOGIC HAZARDS

6.1 Faulting and Seismicity

Southern California is a seismically active region near the active margin between the North American and Pacific tectonic plates. The principal source of seismic activity is movement along the northwest-trending regional faults such as the San Andreas, San Jacinto and Elsinore fault zones. It is estimated that approximately 55 millimeters of slip per year occurs along the plates.

By definition of the State Mining and Geology Board, an active fault is one which has had surface displacement within the Holocene Epoch (roughly the last 11,000 years). This definition is used in delineating Earthquake Fault Zones as mandated by the Alquist-Priolo Geologic Hazards Zones Act of 1972 and as revised in 1994 and 1997 as the Alquist-Priolo Earthquake Fault Zoning Act and Earthquake Fault Hazard Zones (AP Zone). The intent of the act is to require fault investigations on sites located within Earthquake Fault Hazard Zones to preclude new construction of certain habitable structures across the trace of active faults.

Based on our review of available literature, the site is not located within an AP Zone or a County of Riverside Earthquake Fault Hazard Zone. Geomorphic indications of faulting were not observed on the aerial photographs reviewed for the site.

6.2 Seismic Design Criteria

Our evaluation of the regional seismicity included a deterministic analysis utilizing EQFAULT (Blake, 2000). The nearest known active fault and source of the design earthquake is the San Jacinto Valley segment of the San Jacinto fault zone located 9.7 kilometers (6.0 miles) east of the site. The maximum credible earthquake is estimated to be magnitude 6.9 M_w .

The Uniform Building Code (UBC) established the Design Basis Ground Motion (often accepted as the minimum standard) as the maximum probable event to occur on a site along the closest active fault with a 10% probability of exceedance in 50 years (475 year return period). The maximum credible event for a site is one which has a 10% probability of exceedance in 100 years (a return period of 949 years). Our analysis indicates a 10% probability that a horizontal peak ground acceleration of 0.47g (probabilistic mean) would be exceeded in 50 years and a peak ground

acceleration of 0.55g would be exceeded in 100 years. The design basis earthquake is considered a magnitude 6.9 M_w event that would generate a probabilistic peak ground acceleration (PHGA) of 0.47g (FRISKSP, Blake 2000). The effect of seismic shaking may be reduced by adhering to the 1997 UBC and seismic design parameters suggested by the Structural Engineers Association of California. The UBC seismic design parameters for this site are presented on Table 6.2:

**TABLE 6.2
SITE DESIGN CRITERIA**

Parameter	Value	UBC Reference
Seismic Zone Factor	0.40	Table 16-I
Soil Profile	S_D	Table 16-J
Seismic Coefficient, C_a	0.44	Table 16-Q
Seismic Coefficient, C_v	0.69	Table 16-R
Near-Source Factor, N_a	1.0	Table 16-S
Near-Source Factor, N_v	1.1	Table 16-T
Seismic Source	B	Table 16-U

The principal seismic considerations for most structures in southern California are surface rupture along fault traces and damage caused by ground shaking or seismically induced ground settlement. The possibility of damage due to ground rupture is considered low since active faults are not known to cross the site. Lurching due to ground shaking from distant seismic events is not considered a significant hazard, although it is a possibility throughout southern California. Differential settlement of fill soils due to high levels of ground shaking are expected to be within acceptable limits, provided the recommendations provided in this report are followed.

6.3 Liquefaction

Liquefaction is a phenomenon where loose, saturated, relatively cohesionless soil deposits lose shear strength during strong ground motions. Primary factors controlling liquefaction include intensity and duration of ground motion, gradation characteristics of the subsurface soils, in-situ stress conditions and the depth to groundwater. Liquefaction is typified by a loss of shear strength in the liquefied layers due to rapid increases in pore water pressure generated by earthquake accelerations.

Liquefaction analyses results indicate that the potential liquefaction hazard is low on the site immediately north of the subject property due to the dense nature of the subsurface materials (Pacific Soils 1995; Geocon 2002a). Due to the presence of shallow bedrock and dense older alluvial soils within the subject site, and the anticipated depth to groundwater, the potential for liquefaction within the subject property is considered to be very low.

7. CONCLUSIONS AND RECOMMENDATIONS

7.1 General

- 7.1.1 Soil or geologic conditions which would preclude the proposed residential development of the property were not encountered during our investigation. Therefore, development of the property is considered feasible provided that the recommendations of this report are followed.
- 7.1.2 Undocumented fill, alluvium, and approximately the upper one to two feet of the weathered older alluvium are not considered suitable to provide structural support in their present condition. These soils should be removed, moisture conditioned, and densified to a relative compaction of 90 percent or more based on ASTM D1557.
- 7.1.3 The potential for liquefaction at this site is considered to be very low based on the dense older alluvial soils in the northern portion of the property, shallow bedrock within the remainder of the property, depth to groundwater, and the recommended remedial grading.
- 7.1.4 Groundwater was not encountered during our investigation. Therefore, groundwater related problems are not anticipated during grading. However, during the rainy season perched groundwater may be encountered at the soil/bedrock contact.
- 7.1.5 In general, the on-site materials consist of fine to coarse silty sands with variable amounts of clay, gravel and cobbles and generally possess a *very low* expansion potential, as defined by the Uniform Building Code (UBC) Section 18-I-B, and exhibit moderate shear strength characteristics. The on-site surficial soils and processed bedrock materials are considered suitable for use as fill. It is recommended that material with an expansion potential greater than *low* (Expansion Index greater than 50) be kept at least 3 feet below proposed finish grade.

7.2 Soil and Excavation Characteristics

- 7.2.1 The undocumented fill, alluvium and older alluvium can be excavated with conventional heavy-duty grading equipment. Rippable excavations made within the gabbroic bedrock are anticipated to be possible to depths of 25 to 50 feet. Based on the seismic refraction traverses, and the anticipated cut depths, we expect that most of the bedrock materials will generally be rippable a D9 dozer with a single-shank ripper. Some excavation difficulties should be expected during utility trench construction even in areas that are rippable with a D9 dozer. Consideration should be given to overexcavating utility corridors within the roadways and backfilling with compacted soil to allow for future excavation with

conventional equipment. Oversize rock should be placed in accordance with the *Recommended Grading Specifications* presented in Appendix C and the County of Riverside criteria.

- 7.2.2 Excavations should be performed in conformance with OSHA requirements. Excavations made adjacent to property lines or the existing improvements should not be left open during hours when construction is not being performed.
- 7.2.3 The results of laboratory testing indicates that the samples tested yielded water-soluble sulfate contents with a *negligible* sulfate rating as defined by the 1997 Uniform Building Code (UBC) Table 19-A-4. These tests are general indications only and additional testing should be performed at finish grade (materials within 3 feet of rough pad grade elevations).
- 7.2.4 Geocon does not practice in the field of corrosion engineering. Therefore, if improvements that could be susceptible to corrosion are planned, it is recommended that further evaluation by a corrosion engineer be performed. It is also recommended that these results and the recommendations from the corrosion engineer be forwarded to the appropriate design team members (i.e. project architect, engineer, etc.) for incorporation into the plans and implementation during construction.

7.3 Grading

- 7.3.1 Grading should be performed in accordance with the *Recommended Grading Specifications* contained in Appendix C. Where the recommendations of this section conflict with those of Appendix C the recommendations of this section take precedence.
- 7.3.2 Prior to grading, a preconstruction conference should be held at the site with the owner or developer, grading contractor, civil engineer and geotechnical engineer in attendance. Special soil handling and/or the grading plans can be discussed at that time.
- 7.3.3 Site preparation should begin with the removal of deleterious material, any underground utilities, construction debris and vegetation. On-site sewage disposal systems associated with the previous residence should be removed from the site. The depth of removal should be such that material exposed in cut areas or soils to be used as fill are relatively free of organic matter. Material generated during stripping and/or site demolition should be exported from the site.
- 7.3.4 Undocumented fill, alluvium and approximately the upper one to two feet of the older alluvium should be removed prior to the placement of fill or settlement sensitive

improvements. However, the actual removal depth of the unsuitable older alluvium will need to be determined in the field to document that competent material is exposed. For the purpose of this report, competent material is defined as soil which possesses an in-situ density equal to or greater than 85 percent of its maximum dry density or the bedrock material. Based on the results of the field and laboratory testing, we estimate that the depth of soil (younger alluvium plus one to two feet of older alluvium) removal will be approximately 3 to 11 feet below existing grade at the trench locations. Greater depths of removal should be expected between the exploratory excavation locations. The anticipated depths of removal are provided on the Geologic Map adjacent to the exploratory excavations.

- 7.3.5 During remedial grading temporary slopes should be planned for an inclination no steeper than 1:1 (horizontal:vertical). Grading should be scheduled to backfill against these slopes as soon as practical. Removals along the edge of grading should include excavation of unsuitable soils that would adversely affect the performance of the planned fill, i.e., extend removals within a zone defined by a line projected down and out at an inclination of 1:1 from the limit of grading to intersect with approved left-in-place soils.
- 7.3.6 After removal of surficial soils, the exposed ground surface should be scarified, moisture conditioned to slightly above optimum moisture content, and compacted. Fill soils may then be placed and compacted in layers to the design finish grade elevations. Fill, including backfill and scarified ground surfaces, should be compacted to at least 90 percent of the laboratory maximum dry density and near optimum moisture content, as determined by ASTM Test Procedure D1557-00.

7.4 Bulking and Shrinkage Factors

Estimates of embankment bulking and shrinkage factors are based on comparing laboratory compaction tests with the density of the material in its natural state as encountered in the exploratory excavations. It should be emphasized that variations in natural soil density, as well as in compacted fill density, render shrinkage value estimates very approximate. As an example, the contractor can compact the fill soils to any relative compaction of 90 percent or higher of the maximum laboratory density. Thus, the contractor has approximately a 10 percent range of control over the fill volume. Based on the limited work performed to date, it is our opinion that the following shrinkage and bulking factors can be used as a basis for estimating how much the on-site soils may shrink or swell (bulk) when excavated from their natural state and placed as compacted fills.

TABLE 7.4
SHRINK/BULK FACTORS

Soil Unit	Shrink/Bulk Factor
Undocumented Fill	15 to 20 percent shrink
Alluvium	10 to 15 percent shrink
Older Alluvium	0 to 5 percent shrink
Gabbroic Bedrock	10 to 15 percent bulk

We also suggest that a subsidence value of 0.1 foot be utilized within the alluvial areas of the site for estimating earthwork quantities.

7.5 Slopes

- 7.5.1 For preliminary purposes, cut and fill slopes constructed with the on-site soils and bedrock are anticipated to be stable with respect to deep seated and surficial instability to heights of at least 30 feet and at an inclination of 2:1 (horizontal:vertical). A surficial stability analysis has been performed based on an assumed 4-foot zone of saturation. This analysis is provided on Figure 3.
- 7.5.2 Fill keys should be constructed at the toe of fill slopes. Keyways should extend 2 or more feet into compacted fill, competent older alluvium, or bedrock. The width of the keyways should be 15 feet or one third of the slope height, whichever is greater.
- 7.5.3 Fill slopes should be overbuilt at least 3 feet horizontally and then cut to the design finish grade. As an alternative, fill slopes may be compacted by backrolling with a sheepsfoot compactor at vertical intervals not to exceed 4 feet and then track-walked with a D-8 bulldozer, or equivalent, such that the soils are uniformly compacted to at least 90 percent to the face of the finished slope.
- 7.5.4 In general, cohesionless soils should not be placed in the outer 15 feet of the face of fill slopes. Where cohesionless soils are exposed in cut slopes, these soils should be removed and replaced with suitable soils.
- 7.5.5 Slopes should be planted, drained and maintained to reduce erosion. Due to the granular nature of the majority of the site soils, consideration should be given to landscaping the slopes relatively soon after completion to reduce the potential for surficial erosion.

7.6 Foundations

- 7.6.1 Foundations and slabs for the proposed 1 and 2 story residential buildings should be designed in accordance with structural considerations, the seismic parameters provided in this report and the recommendations presented in Table 7.6.1. Foundations for either Category I, or II, as described in Table 7.6.1, may be designed for an allowable soil bearing pressure of 2,000 pounds per square foot (psf) (dead plus live load). This bearing pressure may be increased by one-third for transient loads such as wind or seismic forces. In addition, foundations constructed upon soils with an Expansion Index (EI) greater than 20 should also comply with Chapter 18 of the UBC. Based on the results of our preliminary testing, we anticipate that the buildings at this site may be designed for *very low* to *low* expansive soils (EI<50). However, some *medium* expansive (EI>50) soils may be encountered at completion of grading. We recommend that as grading progresses, each building pad be evaluated for its expansive potential. The final footing and slab design for each building should be designed based on the results of that evaluation. These recommendations are provided as a minimum and do not supersede local ordinance codes or requirements of the project structural engineer.

TABLE 7.6.1
FOUNDATION RECOMMENDATIONS BY CATEGORY
(EXPANSION INDEX 0-20)

Foundation Category	Minimum Footing Depth (inches)	Continuous Footing Reinforcement	Interior Slab Reinforcement
I	12	Two No. 4 bars One top and bottom	6 x 6 - 10/10 welded wire mesh at slab mid-point
II	18	Four No. 4 bars Two top and bottom	No. 3 bars at 24 inches on center, both directions

CATEGORY CRITERIA

- Category I: Maximum fill thickness is less than 20 feet
- Category II: Maximum fill thickness is less than 50 feet or variation in fill thickness is between 10 feet and 20 feet across any one building.

Notes:

1. Footings should have a minimum width of 12 inches.
2. Footing depth is measured from lowest adjacent subgrade. These depths apply to both exterior and interior footings.
3. Interior living area concrete slabs should be at least 4 inches thick for Categories I and II. This applies to both building and garage slabs-on-grade.
4. Interior concrete slabs should be underlain by at least 4 inches of clean sand ($SE > 30$) or crushed rock.
5. Slabs expected to receive moisture sensitive floor coverings or used to store moisture sensitive materials should be underlain by a 10-mil vapor barrier covered with at least 2 inches of the clean sand recommended in No. 4 above.

7.6.2 Where buildings or other improvements are planned near the top of a slope steeper than 3:1 (horizontal:vertical), special foundations and/or design considerations are recommended due to the tendency for lateral soil movement to occur.

- For fill slopes less than 20 feet high, building and wall footings should be deepened such that the bottom outside edge of the footing is at least 7 feet horizontally from the face of the slope.
- Where the height of the fill slope exceeds 20 feet, the minimum horizontal distance should be increased to $H/3$ (where H equals the vertical distance from the top of the slope to the toe) but need not exceed 40 feet. For composite (fill over cut) slopes, H equals the vertical distance from the top of the slope to the bottom of the fill portion of the slope. An acceptable alternative to deepening the footings would be the use of a post-tensioned slab and foundation system or increased footing and slab reinforcement. Specific design parameters or recommendations for either of these alternatives can be provided once the building location and fill slope geometry have been determined.
- For cut slopes in dense formational materials, or fill slopes inclined at 3:1 (horizontal:vertical) or flatter, the bottom outside edge of building and wall footings should be at least 5 feet horizontally from the face of the slope, regardless of slope height.
- Swimming pools located within 7 feet of the top of cut or fill slopes are not recommended. Where such a condition cannot be avoided, it is recommended that the portion of the swimming pool wall within 7 feet of the slope face be designed assuming that the adjacent soil provides no lateral support. This recommendation applies to fill slopes up to 30 feet in height, and cut slopes regardless of height.
- Although other improvements which are relatively rigid or brittle, such as concrete flatwork or masonry walls may experience some distress if located near the top of a slope, it is generally not economical to mitigate this potential. It may be possible, however, to incorporate design measures which would permit some lateral soil

movement without causing extensive distress. Geocon should be consulted for specific recommendations

- 7.6.3 As previously noted, foundations constructed on soils with an EI greater than 20, a special design per Chapter 18 of the UBC is required. Typically, this design consists of a post-tension design. The post-tensioned systems should be designed by a structural engineer experienced in post-tensioned slab design and design criteria of the Post-Tensioning Institute (UBC Section 1816). Although this procedure was developed for expansive soils, it is understood that it can also be used to reduce the potential for foundation distress due to differential fill settlement. The post-tensioned design should incorporate the geotechnical parameters presented on the following table entitled *Preliminary Post-Tensioned Foundation System Design Parameters* for the particular Foundation Category designated. It is recommended that post-tensioned slabs have a minimum thickness of 5 inches. Recommended allowable soil bearing pressures are presented in Section 7.6.1.

**TABLE 7.6.3
PRELIMINARY POST-TENSIONED FOUNDATION SYSTEM DESIGN
PARAMETERS**

Post-Tensioning Institute (PTI) Design Parameters	Foundation Category	
	I (EI<51)	II (EI<51)
1. Thornthwaite Index	-20	-20
2. Clay Type – Montmorillonite	Yes	Yes
3. Clay Portion (Maximum)	30%	50%
4. Depth to Constant Soil Suction	7.0 ft.	7.0 ft.
5. Soil Suction	3.6 ft.	3.6 ft.
6. Moisture Velocity	0.7 in./mo.	0.7 in./mo.
7. Edge Lift Moisture Variation Distance	2.6 ft.	2.6 ft.
8. Edge Lift	0.41 in.	0.78 in.
9. Center Lift Moisture Variation Distance	5.3 ft.	5.3 ft.
10. Center Lift	2.12 in.	3.21 in.

Notes:

1. Footings should have a minimum width of 12 inches. Footings should have a depth of at least 12 inches for Category I, and 18 inches for Category II.
2. Interior living area concrete slabs should be at least 5 inches thick. This applies to both building and garage slabs-on-grade.
3. Interior concrete slabs should be underlain by at least 3 inches of clean sand (Sand Equivalent >30) or crushed rock.
4. Slabs expected to receive moisture sensitive floor coverings or used to store moisture sensitive materials should also be underlain by a 10-mil vapor barrier covered with at least 2 inches of the clean sand recommended in No. 3 above.

- 7.6.4 If post-tensioned foundation systems are used, they should be designed to resist the amount of edge lift indicated in Table 7.6.3. Our experience indicates that, unless reinforcing steel is placed at the bottom of the perimeter footings and interior stiffener beams, post-tensioned slabs are susceptible to excessive edge lift, regardless of the underlying soil conditions. Current PTI design procedures primarily address the potential for center lift of slabs but, because of the placement of the reinforcing tendons in the top of the slab, the resulting stress eccentricity after tensioning reduces the ability of the system to mitigate edge lift. As a minimum, we recommend at least one continuous No. 4 steel reinforcing bar at the bottom of the perimeter footings and stiffener beams.
- 7.6.5 No special subgrade preparation is deemed necessary prior to placing concrete, however, the exposed foundation and slab subgrade soils should be sprinkled, as necessary, to maintain a moist soil condition as would be expected in any such concrete placement. However, where long periods of drying of subgrade soils has occurred, reconditioning of surficial soils will be required. This recommendation applies to foundations as well as exterior concrete flatwork.
- 7.6.6 The recommendations of this report are intended to reduce the potential for cracking of slabs due to expansive soils and differential settlement of fills of varying thickness. However, even with the incorporation of the recommendations presented herein, foundations, stucco walls, and slabs-on-grade placed on such conditions may still exhibit some cracking due to soil movement and/or shrinkage. The occurrence of concrete shrinkage cracks is independent of the supporting soil characteristics. Their occurrence may be reduced and/or controlled by limiting the slump of the concrete, proper concrete placement and curing, and by the placement of crack control joints at periodic intervals, in particular, where re-entry slab corners occur.

7.7 Retaining Walls and Lateral Loads

- 7.7.1 Retaining walls not restrained at the top and having a level backfill surface should be designed for an active soil pressure equivalent to the pressure exerted by a fluid density of 30 pounds per cubic foot (pcf). Where the backfill will be inclined at no steeper than 2.0 to 1.0, an active soil pressure of 40 pcf is recommended. These soil pressures assume that the backfill materials within an area bounded by the wall and a 1:1 plane extending upward from the base of the wall possess an Expansion Index of less than 50. For those lots with finish grade soils having an Expansion Index greater than 50 and/or where backfill materials do not conform to the above criteria, Geocon should be consulted for additional recommendations.

- 7.7.2 Unrestrained walls are those that are allowed to rotate more than $0.001H$ (where H equals the height of the retaining wall portion of the wall in feet) at the top of the wall. Where walls are restrained from movement at the top, an additional uniform pressure of $7H$ psf should be added to the above active soil pressure.
- 7.7.3 Retaining walls should be provided with a drainage system adequate to prevent the buildup of hydrostatic forces and should be waterproofed as required by the project architect. The use of drainage openings through the base of the wall (weep holes, etc.) is not recommended where the seepage could be a nuisance or otherwise adversely impact the property adjacent to the base of the wall. The above recommendations assume a properly compacted granular (Expansion Index less than 50) backfill material with no hydrostatic forces or imposed surcharge load. If conditions different than those described are anticipated, or if specific drainage details are desired, Geocon should be contacted for additional recommendations.
- 7.7.4 In general, wall foundations having a minimum depth and width of one foot may be designed for an allowable soil bearing pressure of 2,000 psf, provided the soil within 3 feet below the base of the wall has an Expansion Index of less than 50. The proximity of the foundation to the top of a slope steeper than 3:1 could impact the allowable soil bearing pressure. Therefore, Geocon should be consulted where such a condition is anticipated.
- 7.7.5 For resistance to lateral loads, an allowable passive earth pressure equivalent to a fluid density of 300 pcf is recommended for footings or shear keys poured neat against properly compacted granular fill soils or undisturbed formational materials. The allowable passive pressure assumes a horizontal surface extending at least 5 feet or three times the surface generating the passive pressure, whichever is greater. The upper 12 inches of material not protected by floor slabs or pavement should not be included in the design for lateral resistance. An allowable friction coefficient of 0.4 may be used for resistance to sliding between soil and concrete. This friction coefficient may be combined with the allowable passive earth pressure when determining resistance to lateral loads.
- 7.7.6 The recommendations presented above are generally applicable to the design of rigid concrete or masonry retaining walls having a maximum height of 8 feet. In the event that walls higher than 8 feet or other types of walls are planned, such as crib-type walls, Geocon should be consulted for additional recommendations.

7.8 Flexible Pavement Design

- 7.8.1 The following pavement sections are preliminary. Final pavement design sections should be determined once subgrade elevations have been attained and R-Value testing on subgrade soils is performed. These preliminary pavement thicknesses were determined using procedures outlined in the *California Highway Design Manual* (Caltrans) and are based on an assumed R-Value of 30. Summarized on Table 7.8.1 are the recommended preliminary pavement section thicknesses.

**TABLE 7.8.1
PRELIMINARY PAVEMENT DESIGN SECTIONS**

Location	Estimated Traffic Index (TI)	Asphalt Concrete (inches)	Class 2 Base (inches)
Minor Streets	5.0	3	6
Collector Streets	6.0	3	9

Greater thickness may be required by the local governing agency.

- 7.8.2 Asphalt concrete should conform to Section 203-6 of the *Standard Specifications for Public Works Construction* (Green Book). Class 2 aggregate base materials should conform to Section 26-1.02A of the *Standard Specifications of the State of California Department of Transportation* (Caltrans).
- 7.8.3 Prior to placing base material, the subgrade should be scarified to a depth of at least 12 inches, moisture conditioned and compacted to a minimum of 95 percent relative compaction per ASTM D-1557. The base materials should also be compacted to at least 95 percent relative compaction. Asphalt concrete should be compacted to a minimum of 95 percent of the Hveem density.
- 7.8.4 Loading aprons such as trash bin enclosures should utilize Portland Cement concrete. The pavement should consist of a minimum 7-inch concrete section reinforced with No. 3 bars at 24 inch spacing on centers, each way. The concrete should extend out from the trash bin such that both the front and rear wheels of the trash truck will be located on reinforced concrete pavement when loading and unloading.
- 7.8.5 The performance of pavements is highly dependent upon providing positive surface drainage away from the edge of pavements. Ponding of water on or adjacent to the pavement will likely result in saturation of the subgrade and subsequent pavement distress.

7.9 Slope Maintenance

Slopes that are steeper than 3:1 (horizontal to vertical) may, under conditions which are both difficult to prevent and predict, be susceptible to near surface (surficial) slope instability. The instability is typically limited to the outer three feet of a portion of the slope and usually does not directly impact the improvements on the pad areas above or below the slope. The occurrence of surficial instability is more prevalent on fill slopes and is generally preceded by a period of heavy rainfall, excessive irrigation, or the migration of subsurface seepage. The disturbance and/or loosening of the surficial soils, as might result from root growth, soil expansion, or excavation for irrigation lines and slope planting, may also be a significant contributing factor to surficial instability. It is, therefore, recommended that, to the maximum extent practical: (a) disturbed/loosened surficial soils be either removed or properly recompacted, (b) irrigation systems be periodically inspected and maintained to eliminate leaks and excessive irrigation, and (c) surface drains on and adjacent to slopes be periodically maintained to preclude ponding or erosion. Although the incorporation of the above recommendations should reduce the potential for surficial slope instability, it will not eliminate the possibility, and, therefore, it may be necessary to rebuild or repair a portion of the project's slopes in the future.

7.10 Drainage

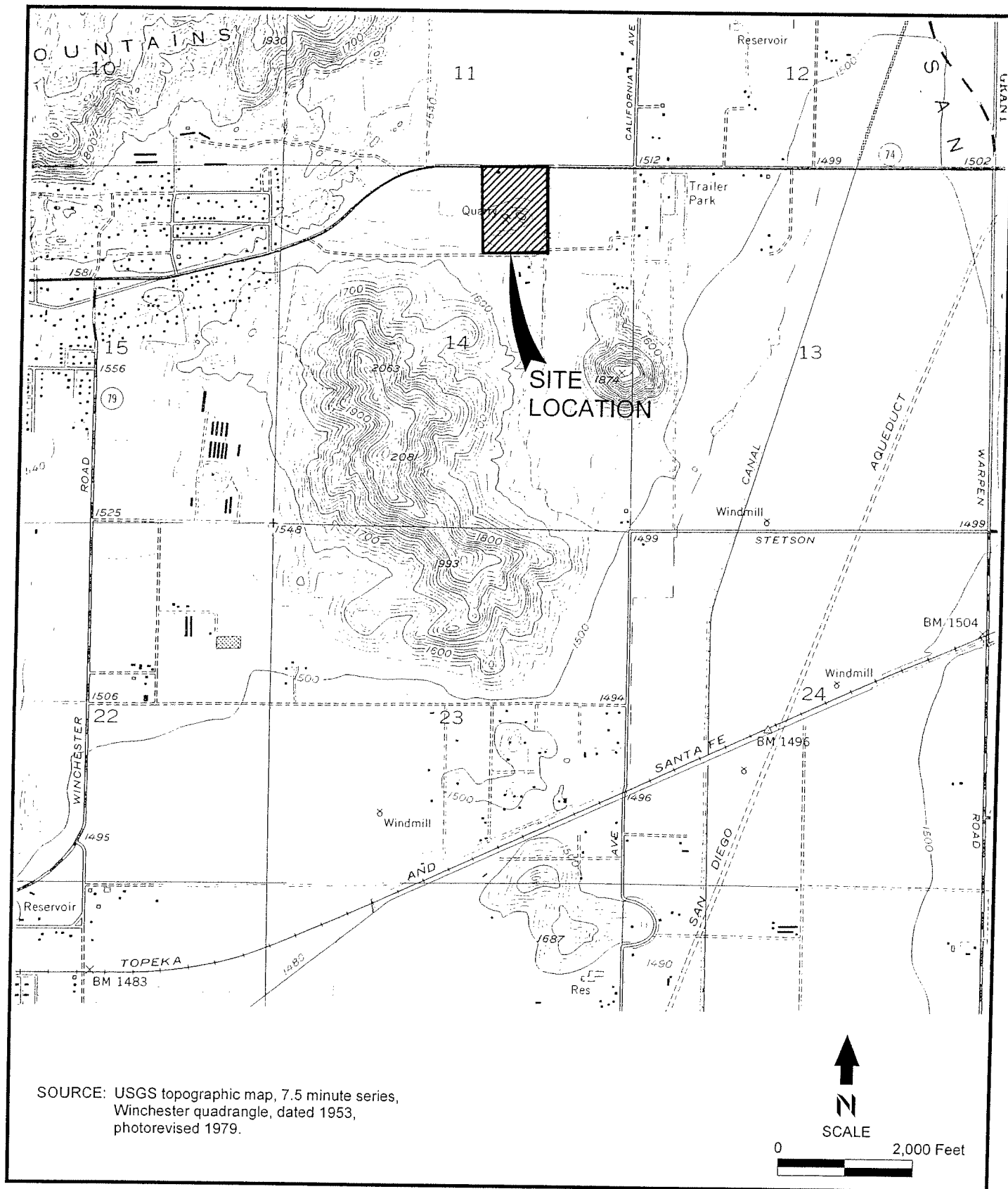
Adequate drainage provisions are imperative. Under no circumstances should water be allowed to pond adjacent to footings. The building pads should be properly finish graded after the buildings and other improvements are in place so that drainage water is directed away from foundations, pavements, concrete slabs, and slope tops to controlled drainage devices.

7.11 Plan Review

The soil engineer and engineering geologist should review the grading plans prior to finalization to verify their compliance with the recommendations of this report and determine the necessity for additional analyses and/or recommendations. The soils engineer should also be provided the opportunity to review the structural foundation plans prior to finalizing to verify substantial conformance with the recommendations of this report.

LIMITATIONS AND UNIFORMITY OF CONDITIONS

1. The recommendations of this report pertain only to the site investigated and are based upon the assumption that the soil conditions do not deviate from those disclosed in the investigation. If any variations or undesirable conditions are encountered during construction, or if the proposed construction will differ from that anticipated herein, Geocon should be notified so that supplemental recommendations can be given. The evaluation or identification of the potential presence of hazardous or corrosive materials was not part of the scope of services provided by Geocon.
2. This report is issued with the understanding that it is the responsibility of the owner, or of his representative, to ensure that the information and recommendations contained herein are brought to the attention of the architect and engineer for the project and incorporated into the plans, and the necessary steps are taken to see that the contractor and subcontractors carry out such recommendations in the field.
3. The findings of this report are valid as of the present date. However, changes in the conditions of a property can occur with the passage of time, whether they be due to natural processes or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated wholly or partially by changes outside our control. Therefore, this report is subject to review and should not be relied upon after a period of three years.



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VICINITY MAP

HIGHWAY 74 PARCEL
RIVERSIDE COUNTY, CALIFORNIA

DATE: 04-06-2004

PROJECT NO.: T2214-12-01

FIG. 1

ASSUMED CONDITIONS:

Slope Height	H	=	Infinite
Depth of Saturation	Z	=	4 feet
Slope Inclination	2:1	(Horizontal:Vertical)	
Slope Angle	i	=	26.6 degrees
Unit Weight of Water	γ_w	=	62.4 pounds per cubic foot
Total Unit Weight of Soil	γ_t	=	123 pounds per cubic foot..
Angle of Internal Friction	ϕ	=	37 degrees
Apparent Cohesion	C	=	250 pounds per square foot

Slope saturated to vertical depth Z below slope face.
Seepage forces parallel to slope face

ANALYSIS:

$$FS = \frac{C + (\gamma_t - \gamma_w)Z \cos^2 i \tan \phi}{\gamma_t Z \sin i \cos i} = 2.0$$

REFERENCES:

- (1) Haefeli, R. *The Stability of Slopes Acted Upon by Parallel Seepage*, Proc. Second International Conference, SMFE, Rotterdam, 1948, 1, 57-62.
- (2) Skempton, A. W., and F. A. Delory, *Stability of Natural Slopes in London Clay*, Proc. Fourth International Conference, SMFE, London, 1957, 2, 378-81.

SURFICIAL SLOPE STABILITY ANALYSIS

HIGHWAY 74 PARCEL
HIGHWAY 74 WEST OF CALIFORNIA AVENUE
RIVERSIDE COUNTY, CALIFORNIA

FIGURE 3

APPENDIX



APPENDIX A

FIELD INVESTIGATION

The field investigation was performed on March 24, 2004, and consisted of a site reconnaissance, a seismic refraction survey, and the excavation of 16 exploratory trenches. Trenches were excavated using a rubber-tire backhoe equipped with a 24-inch bucket. Disturbed bulk samples and relatively undisturbed chunk samples were obtained from the exploratory trenches.

The soil and bedrock conditions encountered in the excavations were observed, classified and logged in general accordance with American Society for Testing and Materials (ASTM) practice for Description and Identification of Soils (Visual-Manual Procedure D2488). Logs of the trenches are presented on Figures A-1 through A-16. The logs depict the soil and geologic conditions encountered and the depth at which samples were obtained. The approximate locations of the exploratory trenches are shown on the Geologic Map, Figure 2.

TABLE A-1
SEISMIC TRAVERSE RESULTS

Seismic Traverse No.	V1 (fps)	V2 (fps)	V3 (fps)	D1 (feet)	D2 (feet)	D3 (feet)	Anticipated Maximum Excavation in feet
S-1	1600	3305	10,365	2-5	38-53	38+	20
S-2	1520	4260	12,975	2-5	25-33	25+	20

V₁ = Velocity in feet per second of first layer of materials
 V₂ = Second layer velocities
 V₃ = Third layer velocities
 D₁ = Depth in feet to base of first layer
 D₂ = Depth to base of second layer
 D₃ = Depth to base of third layer
 fps = Feet per second

NOTE:

For mass grading, materials with velocities of less than approximately 5000 fps are generally rippable with a D9 Caterpillar Tractor equipped with a single shank hydraulic ripper. Velocities of 5000 to 6000 fps indicate marginal ripping and blasting. Velocities greater than 6000 fps generally require pre-blasting. For trenching, materials with velocities less than 3800 fps are generally rippable depending upon the degree of fracturing and the presence or absence of boulders. Velocities between 3800 and 4300 fps generally indicate marginal ripping, and velocities greater than 4300 fps generally indicate non-rippable conditions. The above velocities are based on a Kohring 505. The reported velocities represent average velocities over the length of each traverse, and should not generally be used for subsurface interpretation greater than 100 feet from a traverse.

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	TRENCH T 1		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.)	DATE COMPLETED			
					1524	03-24-2004			
					EQUIPMENT CASE 580 BACKHOE				
0					MATERIAL DESCRIPTION				
2	T1-1			SP	UNDOCUMENTED FILL Loose, dry, gray brown, fine to coarse SAND with gravel, cobbles and boulders				
4	T1-2				GABBROIC BEDROCK Moderately hard, dry, dark gray, slightly jointed with iron oxide in joints				
6					TRENCH TERMINATED AT 6 FEET No groundwater encountered Backfilled				

Figure A-1,
Log of Trench T 1, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS		... SAMPLING UNSUCCESSFUL		... STANDARD PENETRATION TEST		... DRIVE SAMPLE (UNDISTURBED)
		... DISTURBED OR BAG SAMPLE		... CHUNK SAMPLE		... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	TRENCH T 2		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.)	DATE COMPLETED			
					1524	03-24-2004			
					EQUIPMENT CASE 580 BACKHOE				
					MATERIAL DESCRIPTION				
0				SP	UNDOCUMENTED FILL Loose, dry, gray brown, fine to coarse SAND with cobbles				
2	T2-1				ALLUVIUM Loose, damp, orange brown, fine to coarse Silty SAND, abundant porosity				
4									
6	T2-2			SM				95.3	7.4
8									
10	T2-3			SM	OLDER ALLUVIUM Medium dense, damp, orange brown, Silty SAND, slightly porous, slightly cemented with carbonate			110.3	4.6
					GABBROIC BEDROCK Hard, damp, moderately weathered				
					TRENCH TERMINATED AT 11 FEET No groundwater encountered Backfilled				

Figure A-2,
Log of Trench T 2, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS	 ... SAMPLING UNSUCCESSFUL	 ... STANDARD PENETRATION TEST	 ... DRIVE SAMPLE (UNDISTURBED)
	 ... DISTURBED OR BAG SAMPLE	 ... CHUNK SAMPLE	 ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	TRENCH T 3		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.)	DATE COMPLETED			
					1522	03-24-2004			
					EQUIPMENT CASE 580 BACKHOE				
0					MATERIAL DESCRIPTION				
				SM	UNDOCUMENTED FILL Loose, dry, brown, coarse Silty SAND with gravel and cobbles				
2				SM	ALLUVIUM Loose, damp to moist, red brown, medium to coarse, Silty SAND, moderate amount of porosity				
4				SM					
6	T3-1			SM					
8				SM					
10	T3-2			SM	-Carbonate cemented zone, blocky and abundant porosity at 9 feet OLDER ALLUVIUM Medium dense, moist, orange brown and gray, fine to medium, Clayey/Silty SAND, slightly blocky, moderately porous in upper 3 feet, slightly porous below				108.6
12	T3-3			SM					9.5
	T3-4			SM					
	T3-5			SM					
14				SM					
					TRENCH TERMINATED AT 15 FEET No groundwater encountered Backfilled				

Figure A-3,
Log of Trench T 3, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS	□ ... SAMPLING UNSUCCESSFUL	■ ... STANDARD PENETRATION TEST	■ ... DRIVE SAMPLE (UNDISTURBED)
	⊗ ... DISTURBED OR BAG SAMPLE	■ ... CHUNK SAMPLE	▼ ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
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DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	TRENCH T 4		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.)	DATE COMPLETED			
					1524	03-24-2004			
					EQUIPMENT CASE 580 BACKHOE				
0					MATERIAL DESCRIPTION				
				SM	UNDOCUMENTED FILL Loose, dry, gray brown, coarse Silty SAND				
2					ALLUVIUM Loose, damp, orange brown, coarse Silty SAND, with cobble to 12" diameter				
4				SM					
6									
8	T4-1				OLDER ALLUVIUM Medium dense, damp, orange brown, coarse Silty SAND, slightly blocky, upper 1 foot cemented with carbonate, moderately porous				
10								130.3	8.6
12				SM					
14	T4-2				-Slightly porous, operator reports difficult digging at 13 feet				
					TRENCH TERMINATED AT 14 FEET No groundwater encountered Backfilled			122.7	11.6

Figure A-4,
Log of Trench T 4, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS	 ... SAMPLING UNSUCCESSFUL	 ... STANDARD PENETRATION TEST	 ... DRIVE SAMPLE (UNDISTURBED)
	 ... DISTURBED OR BAG SAMPLE	 ... CHUNK SAMPLE	 ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
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DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	TRENCH T 5		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.)	DATE COMPLETED			
					1528	03-24-2004			
					EQUIPMENT CASE 580 BACKHOE				
					MATERIAL DESCRIPTION				
0					UNDOCUMENTED FILL Loose, dry, light brown, coarse Silty SAND with gravel, cobbles and small boulders				
2				SM					
4					OLDER ALLUVIUM Medium dense, damp, red brown, Clayey/Silty SAND with some cobbles and small boulders				
6				SM					
8					GABBROIC BEDROCK Hard, damp, black, white and orange, moderately to highly weathered				
					TRENCH TERMINATED AT 8 FEET No groundwater Backfilled				

Figure A-5,
Log of Trench T 5, Page 1 of 1

T2214-12-01 GPJ

SAMPLE SYMBOLS		... SAMPLING UNSUCCESSFUL		... STANDARD PENETRATION TEST		... DRIVE SAMPLE (UNDISTURBED)
		... DISTURBED OR BAG SAMPLE		... CHUNK SAMPLE		... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
 IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	TRENCH T 6		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.)	DATE COMPLETED			
					1526	03-24-2004			
					EQUIPMENT CASE 580 BACKHOE				
0					MATERIAL DESCRIPTION				
2	T6-1			SM	ALLUVIUM Loose, dry-damp, brown to orange, Silty SAND				
4									
6	T6-2			SM	Medium dense, damp, brown, very coarse, Silty SAND, abundant primary porosity				
8					OLDER ALLUVIUM Medium dense, damp, red brown, medium to coarse, Clayey/Silty SAND, blocky, trace porosity				
10									
12					GABBROIC BEDROCK Moderately hard, damp, black-white and orange, highly weathered in upper 1 foot				
					TRENCH TERMINATED AT 13 FEET No groundwater encountered Backfilled				

Figure A-6,
Log of Trench T 6, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS					
	... SAMPLING UNSUCCESSFUL		... STANDARD PENETRATION TEST		... DRIVE SAMPLE (UNDISTURBED)
	... DISTURBED OR BAG SAMPLE		... CHUNK SAMPLE		... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
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DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	TRENCH T 7		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.)	DATE COMPLETED			
					1528	03-24-2004			
					EQUIPMENT CASE 580 BACKHOE				
0					MATERIAL DESCRIPTION				
2				SM	UNDOCUMENTED FILL Loose, dry, light brown, coarse Silty SAND with some cobbles and small boulders				
		+	+		GABBROIC BEDROCK Hard, dry, gray, slightly weathered, refusal at 3 feet TRENCH TERMINATED AT 3 FEET No groundwater encountered Backfilled				

Figure A-7,
Log of Trench T 7, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS	☐ ... SAMPLING UNSUCCESSFUL	☐ ... STANDARD PENETRATION TEST	☐ ... DRIVE SAMPLE (UNDISTURBED)
	☒ ... DISTURBED OR BAG SAMPLE	☒ ... CHUNK SAMPLE	☒ ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
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DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	TRENCH T 8		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
				ELEV. (MSL.)	DATE COMPLETED			
				1560	03-24-2004			
				EQUIPMENT CASE 580 BACKHOE				
0				MATERIAL DESCRIPTION				
2				UNDOCUMENTED FILL Loose, dry, light brown, coarse Silty SAND with gravel, cobbles and boulders				
4				GABBROIC BEDROCK Very hard, dry, black and white, fresh				
				TRENCH TERMINATED AT 4½ FEET No groundwater encountered Backfilled				

Figure A-8,
Log of Trench T 8, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS	☐ ... SAMPLING UNSUCCESSFUL	☐ ... STANDARD PENETRATION TEST	☐ ... DRIVE SAMPLE (UNDISTURBED)
	☒ ... DISTURBED OR BAG SAMPLE	☐ ... CHUNK SAMPLE	☐ ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
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DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	TRENCH T 9		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
				ELEV. (MSL.)	DATE COMPLETED			
				1552	03-24-2004			
				EQUIPMENT CASE 580 BACKHOE				
0				MATERIAL DESCRIPTION				
2				UNDOCUMENTED FILL Loose, dry, light brown, coarse Silty SAND with cobbles and boulders				
4				GABBROIC BEDROCK Hard, dry, black and white, fresh				
6				TRENCH TERMINATED AT 6 FEET No groundwater encountered Backfilled				

Figure A-9,
Log of Trench T 9, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS	☐ ... SAMPLING UNSUCCESSFUL	☐ ... STANDARD PENETRATION TEST	☐ ... DRIVE SAMPLE (UNDISTURBED)
	☒ ... DISTURBED OR BAG SAMPLE	☐ ... CHUNK SAMPLE	☐ ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
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DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	TRENCH T 10		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.)	DATE COMPLETED			
					1552	03-24-2004			
					EQUIPMENT CASE 580 BACKHOE				
0					MATERIAL DESCRIPTION				
2				SM	UNDOCUMENTED FILL Loose, dry, coarse Silty SAND with gravel and cobbles				
4					GABBROIC BEDROCK Hard, dry, dark gray, joints 1-3 inches apart with carbonate lining the joints, moderately weathered				
					TRENCH TERMINATED AT 4½ FEET No groundwater encountered Backfilled				

Figure A-10,
Log of Trench T 10, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS	☐ ... SAMPLING UNSUCCESSFUL	☐ ... STANDARD PENETRATION TEST	☐ ... DRIVE SAMPLE (UNDISTURBED)
	☒ ... DISTURBED OR BAG SAMPLE	☐ ... CHUNK SAMPLE	☐ ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

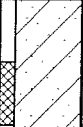
DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	TRENCH T 11		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
				ELEV. (MSL.)	DATE COMPLETED			
				1553	03-24-2004			
				EQUIPMENT CASE 580 BACKHOE				
0				MATERIAL DESCRIPTION				
2	T1-1			UNDOCUMENTED FILL Medium dense, dry, red brown, Clayey SAND, porous				
4				OLDER ALLUVIUM Dense, dry, red brown, coarse Clayey SAND, very difficult digging				
				TRENCH TERMINATED AT 5 FEET No groundwater encountered Backfilled				

Figure A-11,
Log of Trench T 11, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS	 ... SAMPLING UNSUCCESSFUL	 ... STANDARD PENETRATION TEST	 ... DRIVE SAMPLE (UNDISTURBED)
	 ... DISTURBED OR BAG SAMPLE	 ... CHUNK SAMPLE	 ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
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DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	TRENCH T 12		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.)	DATE COMPLETED			
					1552	03-24-2004			
					EQUIPMENT CASE 580 BACKHOE				
					MATERIAL DESCRIPTION				
0					OLDER ALLUVIUM Medium dense, dry, orange brown, Clayey Silty SAND, blocky, moderately porous				
2									
4									
6	T12-1			SM	-Cemented with clay and carbonate, moderately porous with some large diameter pores at 5 feet				
8	T12-2				-Porosity decreasing but still some large diameter pores (1/2 cm) at 8 feet				
					TRENCH TERMINATED AT 9 1/4 FEET No groundwater encountered Backfilled				

Figure A-12,
Log of Trench T 12, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS	☐ ... SAMPLING UNSUCCESSFUL	☐ ... STANDARD PENETRATION TEST	☐ ... DRIVE SAMPLE (UNDISTURBED)
	☒ ... DISTURBED OR BAG SAMPLE	☒ ... CHUNK SAMPLE	☒ ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
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DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	TRENCH T 13		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.)	DATE COMPLETED			
					1575	03-24-2004			
					EQUIPMENT CASE 580 BACKHOE				
0					MATERIAL DESCRIPTION				
2					UNDOCUMENTED FILL Loose to medium dense, dry to damp, red brown, coarse Silty SAND with some cobbles and chunks of soil				
4				SM					
6									
8									
10	T13-1			SM	ALLUVIUM Medium dense, moist, orange brown, medium Silty SAND, slightly blocky, some large diameter pores (1/2 cm)				102.2
12				SM	OLDER ALLUVIUM Dense, damp, red brown, Silty SAND, slightly porous				
					TRENCH TERMINATED AT 12 FEET No groundwater encountered Backfilled				

Figure A-13,
Log of Trench T 13, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS	☐ ... SAMPLING UNSUCCESSFUL	☐ ... STANDARD PENETRATION TEST	☐ ... DRIVE SAMPLE (UNDISTURBED)
	☒ ... DISTURBED OR BAG SAMPLE	☐ ... CHUNK SAMPLE	☐ ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
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DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	TRENCH T 14		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.)	DATE COMPLETED			
					1552	03-24-2004			
					EQUIPMENT CASE 580 BACKHOE				
0		+ + + + + + + + + + + + + +			MATERIAL DESCRIPTION				
					GABBROIC BEDROCK Soft to moderately hard, dry, black and white, highly weathered				
2									
4					TRENCH TERMINATED AT 4 FEET No groundwater encountered Backfilled				

Figure A-14,
Log of Trench T 14, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS	☐ ... SAMPLING UNSUCCESSFUL	☐ ... STANDARD PENETRATION TEST	☐ ... DRIVE SAMPLE (UNDISTURBED)
	☒ ... DISTURBED OR BAG SAMPLE	☐ ... CHUNK SAMPLE	☐ ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
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DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	TRENCH T 15		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.)	DATE COMPLETED			
					1546	03-24-2004			
					EQUIPMENT CASE 580 BACKHOE				
0					MATERIAL DESCRIPTION				
2				SM	UNDOCUMENTED FILL Loose, damp, light gray, coarse Silty SAND with boulders				
4									
6					GABBROIC BEDROCK Moderately hard, damp, gray, highly weathered				
					TRENCH TERMINATED AT 6 FEET No groundwater encountered Backfilled				

Figure A-15,
Log of Trench T 15, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS	☐ ... SAMPLING UNSUCCESSFUL	☒ ... STANDARD PENETRATION TEST	☒ ... DRIVE SAMPLE (UNDISTURBED)
	☒ ... DISTURBED OR BAG SAMPLE	☒ ... CHUNK SAMPLE	☒ ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
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DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	TRENCH T 16		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.)	DATE COMPLETED			
					1529	03-24-2004			
					EQUIPMENT CASE 580 BACKHOE				
0					MATERIAL DESCRIPTION				
2				SM	ALLUVIUM Loose, damp, brown, medium Silty SAND				
4					GABBROIC BEDROCK Moderately hard, damp, black, white to orange, highly weathered				
					TRENCH TERMINATED AT 5 FEET No groundwater encountered Backfilled				

Figure A-16,
Log of Trench T 16, Page 1 of 1

T2214-12-01.GPJ

SAMPLE SYMBOLS	☐ ... SAMPLING UNSUCCESSFUL	☐ ... STANDARD PENETRATION TEST	☐ ... DRIVE SAMPLE (UNDISTURBED)
	☒ ... DISTURBED OR BAG SAMPLE	☐ ... CHUNK SAMPLE	☐ ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED.
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**Riverside County Flood Control and Water Conservation District
Aerial Photographs**

Date	Photograph Numbers	Scale
5/23/49	AXM-10F-96	1 inch = 650 feet
1/29/62	3-366, 3-367	1 inch = 2000 feet
6/20/74	524, 525	1 inch = 2000 feet
4/14/80	556, 557	1 inch = 2000 feet
1/20/84	966, 967	1 inch = 1600 feet
1/30/95	11-30, 11-31	1 inch = 1600 feet
3/18/00	11-29, 11-30	1 inch = 1600 feet

APPENDIX



APPENDIX B

LABORATORY TESTING

Laboratory tests were performed in accordance with generally accepted test methods of the American Society for Testing and Materials (ASTM) or other suggested procedures. Selected chunk samples were tested for their in-place dry density and moisture content and collapse potential. Disturbed bulk samples were tested to determine maximum dry density and optimum moisture content, shear strength and expansion characteristics. Water-soluble sulfate tests were also performed. Results of the laboratory tests are presented in tabular form herewith.

TABLE B-I
SUMMARY OF LABORATORY MAXIMUM DRY DENSITY
AND OPTIMUM MOISTURE CONTENT TEST RESULTS
ASTM D 1557-00

Sample No.	Description	Maximum Dry Density (pcf)	Optimum Moisture Content (% dry wt.)
T2-1	Orange-Brown, Fine to Coarse Silty SAND	137.0	7.9

TABLE B-II
SUMMARY OF LABORATORY EXPANSION INDEX TEST RESULTS
ASTM D4829-95

Sample No.	Moisture Content		Dry Density (pcf)	Expansion Index
	Before Test (%)	After Test (%)		
T2-1	7.4	14.8	120.7	0

TABLE B-III
SUMMARY OF DIRECT SHEAR TEST RESULTS*
ASTM D3080-98

Sample No.	Dry Density (pcf)	Moisture Content (%)	Unit Cohesion (psf)	Angle of Shear Resistance (degrees)
T2-1	123.3	7.8	370	37

*Samples remolded to 90 percent relative compaction at near or slightly above optimum moisture content.

TABLE B-IV
SUMMARY OF LABORATORY WATER-SOLUBLE SULFATE TEST RESULTS
CALIFORNIA TEST NO. 417

Sample No.	Water-Soluble Sulfate (%)	Sulfate Exposure
T2-1	0.045	Negligible

TABLE B-V
SUMMARY OF SINGLE-POINT CONSOLIDATION (COLLAPSE) TESTS
ASTM D-2435-96

Sample Number	In-situ Dry Density (pcf)	Moisture Content Before Test	Axial Load with Water Added (psf)	Consolidation Before Water Added (%)	Percent Collapse
T2-2	95.3	7.4	2,000	1.7	6.7
T3-2	108.6	9.5	2,000	1.9	3.0
T6-1	98.4	6.8	2,000	1.5	12.4

APPENDIX



APPENDIX C

RECOMMENDED GRADING SPECIFICATIONS

FOR

HIGHWAY 74 PARCEL
HIGHWAY 74 WEST OF CALIFORNIA AVENUE
RIVERSIDE COUNTY, CALIFORNIA

PROJECT NO. T2214-12-01

RECOMMENDED GRADING SPECIFICATIONS

1. GENERAL

- 1.1. These Recommended Grading Specifications shall be used in conjunction with the Geotechnical Report for the project prepared by Geocon Inland Empire, Inc. The recommendations contained in the text of the Geotechnical Report are a part of the earthwork and grading specifications and shall supersede the provisions contained hereinafter in the case of conflict.
- 1.2. Prior to the commencement of grading, a geotechnical consultant (Consultant) shall be employed for the purpose of observing earthwork procedures and testing the fills for substantial conformance with the recommendations of the Geotechnical Report and these specifications. It will be necessary that the Consultant provide adequate testing and observation services so that he may determine that, in his opinion, the work was performed in substantial conformance with these specifications. It shall be the responsibility of the Contractor to assist the Consultant and keep him apprised of work schedules and changes so that personnel may be scheduled accordingly.
- 1.3. It shall be the sole responsibility of the Contractor to provide adequate equipment and methods to accomplish the work in accordance with applicable grading codes or agency ordinances, these specifications and the approved grading plans. If, in the opinion of the Consultant, unsatisfactory conditions such as questionable soil materials, poor moisture condition, inadequate compaction, adverse weather, and so forth, result in a quality of work not in conformance with these specifications, the Consultant will be empowered to reject the work and recommend to the Owner that construction be stopped until the unacceptable conditions are corrected.

2. DEFINITIONS

- 2.1. **Owner** shall refer to the owner of the property or the entity on whose behalf the grading work is being performed and who has contracted with the Contractor to have grading performed.
- 2.2. **Contractor** shall refer to the Contractor performing the site grading work.
- 2.3. **Civil Engineer** or **Engineer of Work** shall refer to the California licensed Civil Engineer or consulting firm responsible for preparation of the grading plans, surveying and verifying as-graded topography.

- 2.4. **Consultant** shall refer to the soil engineering and engineering geology consulting firm retained to provide geotechnical services for the project.
- 2.5. **Soil Engineer** shall refer to a California licensed Civil Engineer retained by the Owner, who is experienced in the practice of geotechnical engineering. The Soil Engineer shall be responsible for having qualified representatives on-site to observe and test the Contractor's work for conformance with these specifications.
- 2.6. **Engineering Geologist** shall refer to a California licensed Engineering Geologist retained by the Owner to provide geologic observations and recommendations during the site grading.
- 2.7. **Geotechnical Report** shall refer to a soil report (including all addenda) which may include a geologic reconnaissance or geologic investigation that was prepared specifically for the development of the project for which these Recommended Grading Specifications are intended to apply.

3. MATERIALS

- 3.1. Materials for compacted fill shall consist of any soil excavated from the cut areas or imported to the site that, in the opinion of the Consultant, is suitable for use in construction of fills. In general, fill materials can be classified as *soil* fills, *soil-rock* fills or *rock* fills, as defined below.
- 3.1.1. **Soil fills** are defined as fills containing no rocks or hard lumps greater than 12 inches in maximum dimension and containing at least 40 percent by weight of material smaller than 3/4 inch in size.
- 3.1.2. **Soil-rock fills** are defined as fills containing no rocks or hard lumps larger than 4 feet in maximum dimension and containing a sufficient matrix of soil fill to allow for proper compaction of soil fill around the rock fragments or hard lumps as specified in Paragraph 6.2. **Oversize rock** is defined as material greater than 12 inches.
- 3.1.3. **Rock fills** are defined as fills containing no rocks or hard lumps larger than 3 feet in maximum dimension and containing little or no fines. Fines are defined as material smaller than 3/4 inch in maximum dimension. The quantity of fines shall be less than approximately 20 percent of the rock fill quantity.

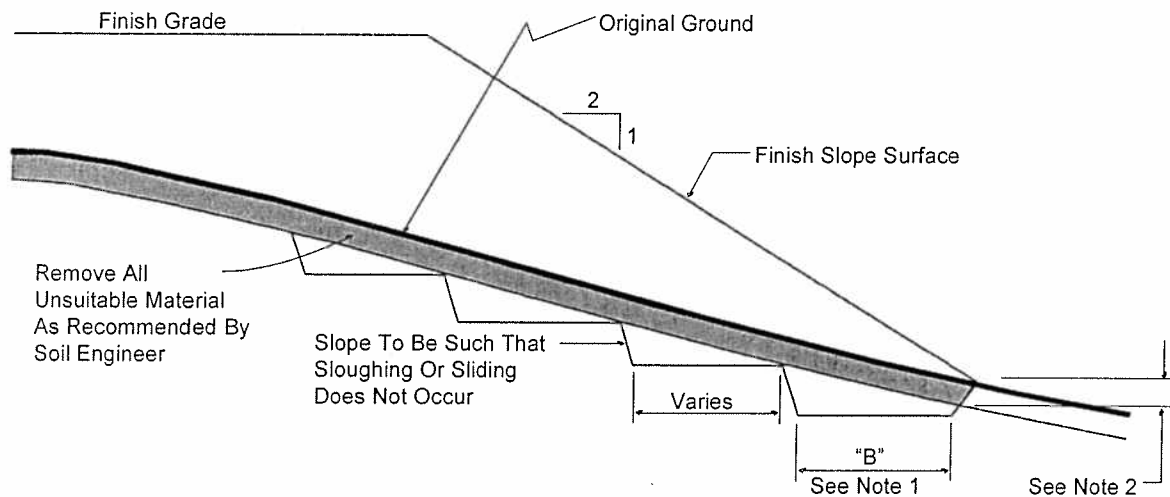
- 3.2. Material of a perishable, spongy, or otherwise unsuitable nature as determined by the Consultant shall not be used in fills.
- 3.3. Materials used for fill, either imported or on-site, shall not contain hazardous materials as defined by the California Code of Regulations, Title 22, Division 4, Chapter 30, Articles 9 and 10; 40CFR; and any other applicable local, state or federal laws. The Consultant shall not be responsible for the identification or analysis of the potential presence of hazardous materials. However, if observations, odors or soil discoloration cause Consultant to suspect the presence of hazardous materials, the Consultant may request from the Owner the termination of grading operations within the affected area. Prior to resuming grading operations, the Owner shall provide a written report to the Consultant indicating that the suspected materials are not hazardous as defined by applicable laws and regulations.
- 3.4. The outer 15 feet of *soil-rock* fill slopes, measured horizontally, should be composed of properly compacted *soil* fill materials approved by the Consultant. *Rock* fill may extend to the slope face, provided that the slope is not steeper than 2:1 (horizontal:vertical) and a soil layer no thicker than 12 inches is track-walked onto the face for landscaping purposes. This procedure may be utilized, provided it is acceptable to the governing agency, Owner and Consultant.
- 3.5. Representative samples of soil materials to be used for fill shall be tested in the laboratory by the Consultant to determine the maximum density, optimum moisture content, and, where appropriate, shear strength, expansion, and gradation characteristics of the soil.
- 3.6. During grading, soil or groundwater conditions other than those identified in the Geotechnical Report may be encountered by the Contractor. The Consultant shall be notified immediately to evaluate the significance of the unanticipated condition

4. CLEARING AND PREPARING AREAS TO BE FILLED

- 4.1. Areas to be excavated and filled shall be cleared and grubbed. Clearing shall consist of complete removal above the ground surface of trees, stumps, brush, vegetation, man-made structures and similar debris. Grubbing shall consist of removal of stumps, roots, buried logs and other unsuitable material and shall be performed in areas to be graded. Roots and other projections exceeding 1-1/2 inches in diameter shall be removed to a depth of 3 feet below the surface of the ground. Borrow areas shall be grubbed to the extent necessary to provide suitable fill materials.

- 4.2. Any asphalt pavement material removed during clearing operations should be properly disposed at an approved off-site facility. Concrete fragments which are free of reinforcing steel may be placed in fills, provided they are placed in accordance with Section 6.2 or 6.3 of this document.
- 4.3. After clearing and grubbing of organic matter or other unsuitable material, loose or porous soils shall be removed to the depth recommended in the Geotechnical Report. The depth of removal and compaction shall be observed and approved by a representative of the Consultant. The exposed surface shall then be plowed or scarified to a minimum depth of 6 inches and until the surface is free from uneven features that would tend to prevent uniform compaction by the equipment to be used.
- 4.4. Where the slope ratio of the original ground is steeper than 6:1 (horizontal:vertical), or where recommended by the Consultant, the original ground should be benched in accordance with the following illustration.

TYPICAL BENCHING DETAIL



No Scale

DETAIL NOTES:

- (1) Key width "B" should be a minimum of 10 feet wide, or sufficiently wide to permit complete coverage with the compaction equipment used. The base of the key should be graded horizontal, or inclined slightly into the natural slope.
- (2) The outside of the bottom key should be below the topsoil or unsuitable surficial material and at least 2 feet into dense formational material. Where hard rock is exposed in the bottom of the key, the depth and configuration of the key may be modified as approved by the Consultant.

- 4.5. After areas to receive fill have been cleared, plowed or scarified, the surface should be disced or bladed by the Contractor until it is uniform and free from large clods. The area should then be moisture conditioned to achieve the proper moisture content, and compacted as recommended in Section 6.0 of these specifications.

5. COMPACTION EQUIPMENT

- 5.1. Compaction of *soil* or *soil-rock* fill shall be accomplished by sheepsfoot or segmented-steel wheeled rollers, vibratory rollers, multiple-wheel pneumatic-tired rollers, or other types of acceptable compaction equipment. Equipment shall be of such a design that it will be capable of compacting the *soil* or *soil-rock* fill to the specified relative compaction at the specified moisture content.
- 5.2. Compaction of *rock* fills shall be performed in accordance with Section 6.3.

6. PLACING, SPREADING AND COMPACTION OF FILL MATERIAL

- 6.1. *Soil* fill, as defined in Paragraph 3.1.1, shall be placed by the Contractor in accordance with the following recommendations:
- 6.1.1. *Soil* fill shall be placed by the Contractor in layers that, when compacted, should generally not exceed 8 inches. Each layer shall be spread evenly and shall be thoroughly mixed during spreading to obtain uniformity of material and moisture in each layer. The entire fill shall be constructed as a unit in nearly level lifts. Rock materials greater than 12 inches in maximum dimension shall be placed in accordance with Section 6.2 or 6.3 of these specifications.
- 6.1.2. In general, the *soil* fill shall be compacted at a moisture content at or above the optimum moisture content as determined by ASTM D1557-00.
- 6.1.3. When the moisture content of *soil* fill is below that specified by the Consultant, water shall be added by the Contractor until the moisture content is in the range specified.
- 6.1.4. When the moisture content of the *soil* fill is above the range specified by the Consultant or too wet to achieve proper compaction, the *soil* fill shall be aerated by the Contractor by blading/mixing, or other satisfactory methods until the moisture content is within the range specified.

- 6.1.5. After each layer has been placed, mixed, and spread evenly, it shall be thoroughly compacted by the Contractor to a relative compaction of at least 90 percent. Relative compaction is defined as the ratio (expressed in percent) of the in-place dry density of the compacted fill to the maximum laboratory dry density as determined in accordance with ASTM D1557-00. Compaction shall be continuous over the entire area, and compaction equipment shall make sufficient passes so that the specified minimum relative compaction has been achieved throughout the entire fill.
- 6.1.6. Soils having an Expansion Index of greater than 50 may be used in fills if placed at least 3 feet below finish pad grade and should be compacted at a moisture content generally 2 to 4 percent greater than the optimum moisture content for the material.
- 6.1.7. Properly compacted *soil* fill shall extend to the design surface of fill slopes. To achieve proper compaction, it is recommended that fill slopes be over-built by at least 3 feet and then cut to the design grade. This procedure is considered preferable to track-walking of slopes, as described in the following paragraph.
- 6.1.8. As an alternative to over-building of slopes, slope faces may be back-rolled with a heavy-duty loaded sheepsfoot or vibratory roller at maximum 4-foot fill height intervals. Upon completion, slopes should then be track-walked with a D-8 dozer or similar equipment, such that a dozer track covers all slope surfaces at least twice.
- 6.2. *Soil-rock* fill, as defined in Paragraph 3.1.2, shall be placed by the Contractor in accordance with the following recommendations:
 - 6.2.1. Rocks larger than 12 inches but less than 4 feet in maximum dimension may be incorporated into the compacted *soil* fill, but shall be limited to the area measured 15 feet minimum horizontally from the slope face and 10 feet below finish grade or 3 feet below the deepest utility, whichever is deeper.
 - 6.2.2. Rocks or rock fragments up to 4 feet in maximum dimension may either be individually placed or placed in windrows. Under certain conditions, rocks or rock fragments up to 10 feet in maximum dimension may be placed using similar methods. The acceptability of placing rock materials greater than 4 feet in maximum dimension shall be evaluated during grading as specific cases arise and shall be approved by the Consultant prior to placement.

- 6.2.3. For individual placement, sufficient space shall be provided between rocks to allow for passage of compaction equipment.
- 6.2.4. For windrow placement, the rocks should be placed in trenches excavated in properly compacted *soil* fill. Trenches should be approximately 5 feet wide and 4 feet deep in maximum dimension. The voids around and beneath rocks should be filled with approved granular soil having a Sand Equivalent of 30 or greater and should be compacted by flooding. Windrows may also be placed utilizing an "open-face" method in lieu of the trench procedure, however, this method should first be approved by the Consultant.
- 6.2.5. Windrows should generally be parallel to each other and may be placed either parallel to or perpendicular to the face of the slope depending on the site geometry. The minimum horizontal spacing for windrows shall be 12 feet center-to-center with a 5-foot stagger or offset from lower courses to next overlying course. The minimum vertical spacing between windrow courses shall be 2 feet from the top of a lower windrow to the bottom of the next higher windrow.
- 6.2.6. All rock placement, fill placement and flooding of approved granular soil in the windrows must be continuously observed by the Consultant or his representative.
- 6.3. *Rock* fills, as defined in Section 3.1.3., shall be placed by the Contractor in accordance with the following recommendations:
 - 6.3.1. The base of the *rock* fill shall be placed on a sloping surface (minimum slope of 2 percent, maximum slope of 5 percent). The surface shall slope toward suitable subdrainage outlet facilities. The *rock* fills shall be provided with subdrains during construction so that a hydrostatic pressure buildup does not develop. The subdrains shall be permanently connected to controlled drainage facilities to control post-construction infiltration of water.
 - 6.3.2. *Rock* fills shall be placed in lifts not exceeding 3 feet. Placement shall be by rock trucks traversing previously placed lifts and dumping at the edge of the currently placed lift. Spreading of the *rock* fill shall be by dozer to facilitate *seating* of the rock. The *rock* fill shall be watered heavily during placement. Watering shall consist of water trucks traversing in front of the current rock lift face and spraying water continuously during rock placement. Compaction equipment with compactive energy comparable to or greater than that of a 20-ton steel vibratory roller or other compaction equipment providing suitable energy to achieve the

required compaction or deflection as recommended in Paragraph 6.3.3 shall be utilized. The number of passes to be made will be determined as described in Paragraph 6.3.3. Once a *rock* fill lift has been covered with *soil* fill, no additional *rock* fill lifts will be permitted over the *soil* fill.

- 6.3.3. Plate bearing tests, in accordance with ASTM D1196-93, may be performed in both the compacted *soil* fill and in the *rock* fill to aid in determining the number of passes of the compaction equipment to be performed. If performed, a minimum of three plate bearing tests shall be performed in the properly compacted *soil* fill (minimum relative compaction of 90 percent). Plate bearing tests shall then be performed on areas of *rock* fill having two passes, four passes and six passes of the compaction equipment, respectively. The number of passes required for the *rock* fill shall be determined by comparing the results of the plate bearing tests for the *soil* fill and the *rock* fill and by evaluating the deflection variation with number of passes. The required number of passes of the compaction equipment will be performed as necessary until the plate bearing deflections are equal to or less than that determined for the properly compacted *soil* fill. In no case will the required number of passes be less than two.
- 6.3.4. A representative of the Consultant shall be present during *rock* fill operations to verify that the minimum number of "passes" have been obtained, that water is being properly applied and that specified procedures are being followed. The actual number of plate bearing tests will be determined by the Consultant during grading. In general, at least one test should be performed for each approximately 5,000 to 10,000 cubic yards of *rock* fill placed.
- 6.3.5. Test pits shall be excavated by the Contractor so that the Consultant can state that, in his opinion, sufficient water is present and that voids between large rocks are properly filled with smaller rock material. In-place density testing will not be required in the *rock* fills.
- 6.3.6. To reduce the potential for "piping" of fines into the *rock* fill from overlying *soil* fill material, a 2-foot layer of graded filter material shall be placed above the uppermost lift of *rock* fill. The need to place graded filter material below the *rock* should be determined by the Consultant prior to commencing grading. The gradation of the graded filter material will be determined at the time the *rock* fill is being excavated. Materials typical of the *rock* fill should be submitted to the Consultant in a timely manner, to allow design of the graded filter prior to the commencement of *rock* fill placement.

- 6.3.7. All *rock* fill placement shall be continuously observed during placement by representatives of the Consultant.

7. OBSERVATION AND TESTING

- 7.1. The Consultant shall be the Owners representative to observe and perform tests during clearing, grubbing, filling and compaction operations. In general, no more than 2 feet in vertical elevation of *soil* or *soil-rock* fill shall be placed without at least one field density test being performed within that interval. In addition, a minimum of one field density test shall be performed for every 2,000 cubic yards of *soil* or *soil-rock* fill placed and compacted.
- 7.2. The Consultant shall perform random field density tests of the compacted *soil* or *soil-rock* fill to provide a basis for expressing an opinion as to whether the fill material is compacted as specified. Density tests shall be performed in the compacted materials below any disturbed surface. When these tests indicate that the density of any layer of fill or portion thereof is below that specified, the particular layer or areas represented by the test shall be reworked until the specified density has been achieved.
- 7.3. During placement of *rock* fill, the Consultant shall verify that the minimum number of passes have been obtained per the criteria discussed in Section 6.3.3. The Consultant shall request the excavation of observation pits and may perform plate bearing tests on the placed *rock* fills. The observation pits will be excavated to provide a basis for expressing an opinion as to whether the *rock* fill is properly seated and sufficient moisture has been applied to the material. If performed, plate bearing tests will be performed randomly on the surface of the most-recently placed lift. Plate bearing tests will be performed to provide a basis for expressing an opinion as to whether the *rock* fill is adequately seated. The maximum deflection in the *rock* fill determined in Section 6.3.3 shall be less than the maximum deflection of the properly compacted *soil* fill. When any of the above criteria indicate that a layer of *rock* fill or any portion thereof is below that specified, the affected layer or area shall be reworked until the *rock* fill has been adequately seated and sufficient moisture applied.
- 7.4. A settlement monitoring program designed by the Consultant may be conducted in areas of *rock* fill placement. The specific design of the monitoring program shall be as recommended in the Conclusions and Recommendations section of the project Geotechnical Report or in the final report of testing and observation services performed during grading.



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Professional Employment History

- **Priority One Environmental, Inc.,** Los Angeles, CA (**Owner**)
Corporate President / Office Director, 2015 - Present
Managing the operation of an environmental phase one site assessment firm.
- **Dynamic Earth Consultants, Inc.,** Reseda, CA (Co-Owner)
Corporate President / Office Director, 2010 to 2015
Managing the operation of a geotechnical and environmental consulting firm.
- **Enviro-Assess Inc.,** Bonners Ferry, ID
Field Technician (Part Time), 2011 to 2013
Performing environmental site assessment and inspection
- **Brian A. Robinson & Associates, Inc.,** Tarzana, CA
Staff Engineer / Office Manager, 2010 to 2013
Field Technician / Office Manager, 2008 to 2010
Laboratory Technician / Field Technician, 2004 to 2008
Assisting in the management and operation of a geotechnical and environmental consulting firm.

Education

- **California State University, Northridge, CA**
Bachelor of Arts, Geography, 2009

Professional Experience

- Analyze and evaluate geologic, environmental and engineering site characteristics.
- Perform geologic, environmental and engineering field investigations, laboratory testing, and in-field quality assurance testing.
- Write geologic, environmental and engineering reports; computer drafting; review reports and literature.
- Prepare complex reports for clients ensuring full compliance with city and county codes.
- Communicate professionally with clients, professionals, and officials to ensure effective project completion.
- Schedule appointments, estimate project costs, determine project deadlines and manage customer projects.
- Prepare proposals, invoices and receipts for clients, manage company bookkeeping.
- Office management and receptionist skills: time and employee management, supply management, filing, phone work, typing, maintain company website and manage company advertizing.

Additional Skills and Knowledge

Windows XP, Vista, 7 and 8; Max OS X; MS Word, Excel, PowerPoint; Word Perfect; Quattro Pro; CorelDraw X5; Adobe Creative Suite 6 (i.e. Illustrator & Photoshop); ESRI (i.e. ArcGIS, ArcMap, ArcCatalog).