



December 20, 2017

Mr. Nazar Ashjian, Jr.  
Ararat Home of Los Angeles, Inc.  
15105 Mission Hills Road  
Mission Hills, California 91345

RE: Transmittal of Phase I ESA for 15151 Mission Hills Road, California, Ecobility Project Number 051-17-001-1.

Dear Mr. Ashjian:

Ecobility is pleased to submit the above referenced report. Thank you for the opportunity and please feel free to contact me to discuss the findings and conclusions of the report and if I can be of further assistance.

Best Regards,

A handwritten signature in black ink that reads "Michael M. Mooradian". The signature is written in a cursive, flowing style.

Michael M. Mooradian  
Principal

attachment





## **PHASE I ENVIRONMENTAL ASSESSMENT REPORT**

### **Proposed Land Acquisition Mission Hills**

15151 (Including APNs 2664-022-008, 2664-022-009, and 2664-022-018) Mission Hills  
Road  
Mission Hills, California 91345

Prepared For:

### **Ararat Home of Los Angeles**

15105 Mission Hills Road  
Mission Hills, California 91345

Prepared By:

### **Ecobility Corporation**

P.O. Box 2651  
Palos Verdes Peninsula, California 90274



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**1.0 GENERAL INFORMATION****Project Information:**

Ararat Home of Los Angeles - 051-17-001-1

**Project Number:**

051-17-001-1

**Consultant Information:**

Ecobility Corporation

P.O. Box 2651

Palos Verdes Peninsula, California 90274

**Phone:** (310) 910-1499**Fax:** (310) 377-3745**E-mail Address:****Inspection Date:****Report Date:** 12/19/2017**Site Information:**

Proposed Land Acquisition Mission Hills

15151 (Including APNs 2664-022-008, 2664-022-009, and 2664-022-018)

Mission Hills Road

Mission Hills, California 91345

County: California

**Latitude, Longitude:** 34.282080, -118.463863**Site Access Contact:****Client Information:**

Ararat Home of Los Angeles

Nazar Ashjian

15105 Mission Hills Road

Mission Hills, California 91345

**Site Assessor:**

Michael M. Mooradian

Principal

**Senior Reviewer:**

Susan Kirkgard

Senior Geologist

**Certification:**

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



Michael M. Mooradian - Principal

## 2.0 SUMMARY AND EVALUATION

Ecobility Corporation (Ecobility) has performed a Phase I Environmental Site Assessment (ESA), in conformance with the scope and limitation of ASTM E 1527-13 for the property located at 15151 Mission Hills Road, Mission Hills, California including the Assessor Parcel Numbers 2664-022-008 (Lower Parcel 1), 2664-022-009 (Lower Parcel 2), and 2664-022-018 (Residence Parcel) (See Figure 1). The Phase I ESA was conducted in general accordance with Ecobility's proposal dated November 2, 2017. In addition to the Phase I, non scope items conducted in conjunction with this assessment included obtaining readily available government database information regarding ecological and historical resources on the Subject Property.

The Subject Property is located in the hilly terrain in Mission Hills north of Rinaldi, east of Interstate 405 and the Eden Memorial Park and west of the Ararat Home of Los Angeles, Inc. North of the property is a undeveloped land with an additional residence. South of the Subject Property is Mission Hills Road. Construction of the residential structure on the property began in 1948 and appears to have taken occupancy in 1949/1950. The remainder of the property is undeveloped with the exception of access dirt roads and an areas that have been flattened on Lower Parcel 1 (APN 2664-002-008) and Lower Parcel 2 (APN 2664-022-009).

## 2.1 ENVIRONMENTAL REPORT SUMMARY TABLE

Ecobility Corporation has performed a Phase I Environmental Site Assessment in conformance with the Scope of Work developed in cooperation with the client and the provisions of ASTM Practice E 1527-13. Any exceptions to, or deletions from, this practice are described in various sections of this report. In addition to the Phase I, non scope items included in this assessment included providing preliminary observations of asbestos and lead-based paint for readily apparent damaged or friable surfaces and obtaining readily available government database information regarding ecological and historical resources on the Subject Property.

The findings and conclusions of this report are discussed below.

Report Section		DATA GAP	HREC	REC	CREC	Further Investigation	Comments
3.8	ADJOINING PROPERTY INFORMATION	No	No	No	No		
5.1	STANDARD ENVIRONMENTAL DATABASE RECORDS	No	No	No	No		
5.3.1	HISTORICAL SUMMARY	No	No	Yes	No	X	A review of DOGR maps indicate that a plugged oil and gas well may be present in the western portion of the Subject Property. The location was not identified during the reconnaissance.
6.3.1	HAZARDOUS SUBSTANCES	No	No	No	No		
6.3.2	PETROLEUM PRODUCTS	No	No	No	No		
6.3.3	USTs	No	No	No	No		
6.3.4	ASTs	No	No	No	No		
6.3.5	ODORS	No	No	No	No		
6.3.6	OTHER SUSPECT CONTAINERS	No	No	No	No		
6.3.7	EQUIPMENT LIKELY TO CONTAIN PCBs	No	No	No	No		
6.3.8	HEATING AND COOLING	No	No	No	No		
6.3.9	INTERIOR STAINING/CORROSION	No	No	No	No		
6.3.10	DRAINS AND SUMPS	No	No	No	No		
6.3.11	PITS, PONDS AND LAGOONS/POOLS OF LIQUID	No	No	Yes	No	X	Leach pits are present on the Subject Property associated with each of the septic tanks. Based on the interview with Dr. Klinger at least three of these pits are present.
6.3.12	STAINED SOIL OR PAVEMENT	No	No	No	No		
6.3.13	STRESSED VEGETATION	No	No	No	No		

**2.0 SUMMARY AND EVALUATION (continued)**

**2.1 ENVIRONMENTAL REPORT SUMMARY TABLE (continued)**

Report Section		DATA GAP	HREC	REC	CREC	Further Investigation	Comments
6.3.14	SOLID WASTE DUMPING/LANDFILLS	No	No	No	No		
6.3.15	WASTE WATER/DISCHARGE FEATURES	No	No	No	No		
6.3.16	WELLS	No	No	No	No		
6.3.17	SEPTIC SYSTEMS	No	No	Yes	No	X	A minimum of three septic tanks and leach pits are present on the property based on interviewing the owner and the site reconnaissance.
8.1	ASBESTOS-CONTAINING MATERIALS	No	No	No	No		
8.2	LEAD-BASED PAINT	No	No	No	No		
8.3	RADON	No	No	No	No	X	Moderate potential of radon gas concentrations exceeding 4.0 pCi/L. The location on hilly terrain and the moderate high potential warrants consideration as part of planning, design and development of the Subject Property.
8.4	NEPA CHECKLIST	No	No	No	No	X	Proximity to an endangered plant species, proximity to the San Fernando Mission, proximity to FAA DOFs warrant consideration as part of any development of the Subject Property.
8.5	WETLANDS	No	No	No	No	X	Two wetlands locations have been identified either on or adjacent to the Subject Property that require consideration of any future land development.

**2.2 FINDINGS AND CONCLUSIONS**

Ecobility Corporation has performed a Phase I Environmental Site Assessment in conformance with the Scope of Work developed in cooperation with the client and the provisions of ASTM Practice E 1527-13. Any exceptions to, or deletions from, this practice are described in various sections of this report. In addition to the Phase I, non scope items included in this assessment included a preliminary reconnaissance of the presence of asbestos and lead-based paint for damaged or friable surfaces and obtaining readily available government database information regarding historical, biological and other resources on the Subject Property.

Three RECs were identified on the Subject Property as part of the assessment. These include:

- An oil/gas well on the western portion of the Subject Property.
- The presence and use of septic tanks
- The presence and use of leach pits associated with the septic tanks.

Several findings that may not be considered RECs but warrant notification or are associated with issues that are beyond the scope of a Phase I Environmental Site Assessment were also identified as part of the scope of work authorized by the Ararat Home of Los Angeles, Inc. These issues are:

- Based on the age of the residential structures, asbestos may be present in building materials including insulation for pipes and ducting, roof materials, and flooring. Friable and damaged building materials were not identified during the site reconnaissance.
- Based on the age of the residential structures, lead-based paint may be present on surfaces
- Due to the location of the property, there is a moderate potential that radon gas concentrations may exceed 4.0 pCi/L.
- Identification of an endangered plant species within 0 to 1/8 mile of the Subject Property.
- Within original lands of the San Fernando Mission that is located approximately 3/4 mile south of the Subject Property.
- Two National Wetlands Inventory sites on the eastern portion of the Subject Property.
- FCC high voltage power lines along the eastern boundary of the property.

## 2.0 SUMMARY AND EVALUATION (continued)

### 2.2 FINDINGS AND CONCLUSIONS (continued)

- FAA Digital Obstacle File sites from 1/8 mile of the Subject Property warrant consideration in the design of any new development on the Subject Property.
- The potentially-active, north-dipping, Mission Hills thrust fault is inferred to coincide with the location of Rinaldi Street in this area.

These findings along with the recommendations in section 2.3 should be considered as part of the decision process of property acquisition as well as during the planning, design, and construction of any development as they may result in development restrictions as well as impact the costs and timing associated with any development.

#### 2.2.1 DATA GAPS

Pursuant to ASTM Standards, historical sources were obtained to document property use back to the property's first developed use or back to 1940, whichever was earlier. Historical data sources failure may occur when standard historical sources are not reasonably ascertainable. Based on the quality of historical data obtained for this assessment, Ecobility does not expect historical data source failure to impact the conclusions or recommendations of this report. No significant Data Gaps have been encountered for this property.

#### 2.2.2 HRECs

No HRECs were identified on the Subject Property as part of this assessment.

#### 2.2.3 RECs

Within the scope of this investigation, Ecobility Corporation discovered evidence of a potential recognized environmental conditions in connection with the Subject Property. These include the following:

- A plugged oil and gas well identified as API# 03705891 and operated by SWEPI, LP is shown in the California Department of Oil and Gas data base map as likely located in the western portion of the Subject Property. No RECs were identified on this property as part of this assessment.
- Ecobility was informed by Dr. Otto Klinger of the presence of at least three septic tanks on the Subject Property. One tank access was identified near the front door of the main residence and two others in the patio west of the main residence. These tanks are conservatively identified as RECs. Because of thier residential use some may not consider septic tanks RECs. In any event, Ecobility recommends that removal of the tanks and pits should be done in accordance with the City and County of Los Angeles regulations. Sampling and testing of the leach pits may be desired to establish baseline conditions.
- Ecobility was informed by Dr. Otto Klinger of the presence of on leach pit associated with each septic tank on the property. As a result, at least three leach pits are present. The location of these pits was not identified as part of this assessment. These pits are conservatively identified as RECs. Because of thier residential use some may not consider leach RECs. In any event, Ecobility recommends that removal of the tanks and pits should be done in accordance with the City and County of Los Angeles regulations. Sampling and testing of the leach pits may be desired to establish baseline conditions.

#### 2.2.4 CONTROLLED RECs

No Controlled RECs were identified on the Subject Property as part of this assessment.

## 2.0 SUMMARY AND EVALUATION (continued)

### 2.3 RECOMMENDATIONS

The following recommendations and their results should be considered as part of the decision process of property acquisition as well as during the planning, design, and construction of any development as they may result in development restrictions as well as impact the costs and timing associated with any development. Ecobility makes the following recommendations regarding RECs identified on the:

- Further research into the location of the oil and gas well designated as API# 03705891. If the well is present on the Subject Property, inquiries are recommended with the State of California, Department of Conservation, Division of Oil and Gas and Geothermal Resources (DOGGR) and the listed operator, SWEPI, LP, of the well to determine the appropriate course of action and cost to abandon the well properly. All work must be conducted with applicable local, state, and federal regulations.
- At least three septic tanks and associated are identified on the property in proximity and associated with the main residence. Removal of these tanks should be done in accordance with the City and County of Los Angeles. A geotechnical engineer should observe any removals to ensure appropriate backfill and compaction suitable for planned development.
- At least three leach pits are identified on the property in proximity and associated with the main residence. Removal of these pits should be done in accordance with the City and County of Los Angeles and testing of the leach pits may be warranted to establish baseline conditions. A geotechnical engineer should observe any removals to ensure appropriate backfill and compaction suitable for planned development.

Ecobility makes the following recommendations regarding other environmental issues that may be present on the property:

- An asbestos survey should be conducted by appropriately certified professionals prior to any modifications or demolition of the current structures to verify the presence of asbestos containing building materials and determining to appropriate handling and disposal of these materials.
- A lead-based paint survey should be conducted by appropriately certified professionals prior to any modifications or demolition of the current structures to verify the presence of lead containing paints on building materials and determining the appropriate handling and disposal of these materials.
- Any future design and construction of structures on the property should utilize the appropriate professionals to assess, and if necessary, mitigate any radon potential beyond those determined suitable by regulatory agencies.
- Environmental and legal professionals expert in NEPA and CEQA regulations should be consulted prior to the acquisition, planning, design and construction of any future development of the property considering the findings of the NEPA Search Map Report including endangered plant species, historical San Fernando Mission lands, wetlands, FCC regulated equipment and FAA Digital Obstacle Files (DOF) may be present on or in proximity of the Subject Property. Areas of concern identified below may impact timing and costs for property development and therefore should be considered as part of acquisition decisions as well as the planning, design, and construction of any new development.

Ecobility also recommends that seismic issues be addressed by geotechnical engineers and other appropriate professionals as part of any future development considering the proximity to the potentially-active, north-dipping, Mission Hills thrust fault is inferred to coincide with the location of Rinaldi Street.

### 3.0 INTRODUCTION

Ecobility Corporation was retained by the Ararat Home of Los Angeles, Inc. to conduct a Phase I ESA for the parcels made part of the property at 15151 Mission Hills Road. The property is largely undeveloped property with a residence near the highest elevation on the Subject Property.

### 3.1 CONTRACTUAL RELATIONSHIP

The work reported in this report is based on the scope of work and Terms and Conditions submitted the Client, on November 2, 2017. Authorization to perform this assessment was given by Mr. Nazar Ashjian, Jr. of the Ararat Home of Los Angeles, Inc. on November 13, 2017. Instructions as to the location of the property, access and an explanation of the property and facilities to be assessed were provided by Mr. Derek Ghookasian from the Ararat Home of Los Angeles, Inc.

Ecobility Corporation considers the client to be the 'User' of this assessment as defined in ASTM E 1527-13 as "the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of a property, a potential tenant of property, an owner of property, a lender or a property manager. The user has specific obligations for completing a successful application of this practice....."

### 3.2 PURPOSE

The purpose of the Phase I Environmental Site Assessment (ESA) was to evaluate the current and historical conditions of the Subject Property in an effort to identify recognized environmental conditions in connection with the Subject Property. A recognized environmental condition is defined by ASTM as:

*Recognized Environmental Condition (REC)*- The presence of or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimis conditions that generally do not present a material risk to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies.

The identification of recognized environmental conditions in connection with the Subject Property may impose an environmental liability on owners or operators of the site, reduce the value of the site, or restrict the use or marketability of the site, and therefore, further investigation may be warranted to evaluate the scope and extent of potential environmental liabilities.

In addition to recognized environmental conditions, the Phase I ESA evaluates historic environmental conditions and controlled recognized environmental conditions in connection with the Subject Property as defined below.

*Historic Recognized Environmental Condition (HREC)* is defined by ASTM as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required control (for example property use restrictions, activity and use limitations, institutional controls, or engineering controls). If the past release is determined to be a REC at the time of the Phase I ESA, the condition will be considered a REC.

*Controlled Recognized Environmental Condition (CREC)* is defined by ASTM as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory agency (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by a regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (i.e., property use restriction, activity and use limitations, institutional controls or engineering controls). A condition identified as a CREC does not imply that the adequacy or continued effectiveness of the required control that has been, or is intended to be implemented has been evaluated or confirmed.

The Phase I ESA is being conducted as part of environmental due diligence in support of a possible property acquisition. It is assumed that this investigation is being conducted to identify recognized environmental conditions concerning the subject property, and to permit the user to satisfy one of the requirements to qualify for the innocent landowner defense



### 3.0 INTRODUCTION (continued)

### 3.2 PURPOSE (continued)

to CERCLA liability. This investigation may mention but does not fully address non-scope considerations such as, but not limited to, asbestos containing materials (ACM), lead based paint, radon, lead in drinking water, mold, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, and/or high voltage power lines, although, one or more may be mentioned in the report as a business environmental risk concern.

### 3.3 SCOPE OF WORK

The Phase I ESA conducted at the Subject Property was in general accordance with ASTM Standard E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E 1527-13) and include the following:

- A Tier 1 Vapor Encroachment Assessment;
- Review Sanborn Maps, City Directories and EDR Database Report;
- Review Topographic Maps, Aerials Photographs and Site Photographs;
- Interviews with regulatory officials and personnel associated with the subject and adjoining properties;
- A site visit; and
- Evaluation of information and preparation of the report provided herein.

Typically, a Phase I ESA does not include sampling or testing of air, soil, groundwater, surface water, or building materials. These activities would be carried out in a Phase II ESA, if required. For this Phase I ESA, no additions to the ASTM E 1527-13 standard were made with the exception of the following: None.

The Scope of work also included a preliminary Tier I Vapor Encroachment Assessment in accordance with ASTM E 2600-15. There is currently discussion in the industry that this is an integral part of a Phase I ESA. The scope includes reviewing existing readily available information, as outlined in the standard and summarized below, in conjunction with application of professional judgment:

- Existing/planned use of the Target Property,
- Existing/planned type of structures,
- Surrounding area description,
- Federal, state, local, and tribal government records,
- Historical records for the Target Property and surroundings,
- General Physical Setting, including information on soils and the depth and direction of groundwater flow,
- Significant natural or man-made conduits that can serve as preferential pathways,
- User-specialized knowledge, experience, and commonly known or reasonably ascertainable information to the Target Property,
- All of the information gathered in the Phase I ESA.

The Tier I assessment includes a search distance test to determine if there are known or suspected contaminated properties within the Area of Concern (generally a radius of 1/3 mile from the Target Property). If the chemicals of concern (volatile organic compounds or petroleum chemicals) are present or likely present on those contaminated or suspected properties then the characteristics of the identified chemicals of concern (COCs) are considered. Other information including, but not limited to, the physical characteristics of the area including soil types, the depth to groundwater and the direction of flow are considered along with the proposed use, construction type, and any significant natural or man-made features are considered to assess the degree of vapor encroachment condition that may exist. The Tier I includes an assessment of one of the following two conditions:

1. A vapor encroachment condition (VEC) exists,
2. A VEC does not exist.

In addition to the Phase I ESA, non scope items included in this assessment included a preliminary observations of the presence of asbestos and lead-based paint for damaged or friable surfaces and obtaining readily available government database information regarding historical and biological resources on the Subject Property. The biological and historical resource portion of the scope of work was limited to a NEPA Search Map Report to obtain preliminary information

### 3.0 INTRODUCTION (continued)

### 3.3 SCOPE OF WORK (continued)

regarding endangered species and historic sites that may be present on the property. The scope only included requesting information through Environmental Data Resources (EDR's) NEPASearch Map Report of available government databases regarding the matter. Field verification or testing surveys were not part of this scope of work. The checklist was performed merely to inform the USER of possible conditions that may be present on the property that may warrant further assessment by professionals with expertise in these areas.

### 3.4 LIMITATIONS AND EXCEPTIONS

Ecobility has conducted a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the property located at 15151 Mission Hills Road, Mission Hills, California 91395. Any exceptions to or deletions from this practice are described in Section 2.5 of this report.

Along with all of the limitations set forth in various sections of the ASTM E 1527-13 protocol, the accuracy and completeness of this report may be limited by the following:

Access Limitations - Limitations on the access to residential home.

Physical Obstructions to Observations - None

Outstanding Information Requests - None

Historical Data Source Failure - None

Other - None

Significant assumptions made by Ecobility in regards to this Phase I ESA include:

- Ecobility assumes all outside information collected and used, including that from regulatory agencies, database providers, interviews, title information, interviews and information provided from the client are complete and accurate.
- Ecobility interpreted and inferred groundwater depth and flow direction of the shallow groundwater based on readily available information and our experience. Actual depths and flow directions may vary locally as a result of numerous and complex factors that would require a more in depth investigation beyond the scope of this assessment.

The information and conclusions contained in this report are based upon work undertaken by trained professionals and technical staff in accordance with generally accepted engineering and scientific practices current at the time the work was performed. The conclusions and recommendations presented represent the best judgment of Ecobility based on the data obtained from the work. Due to the nature of investigation and the limited data available, Ecobility cannot warrant against undiscovered environmental liabilities. Conclusions and recommendations presented in this report should not be construed as legal advice. The services provided herein were not intended to be technically exhaustive and there is a possibility that with the proper application of methodologies, conditions may exist that were not reasonably identifiable from the available data. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. The ESA was intended to reduce, but not eliminate uncertainty regarding the potential for RECs in connection with a property.

Should additional information become available which differs significantly from our understanding of conditions presented in this report, we request that this information be brought to our attention so that we may reassess the conclusions provided herein.

With the exception of a NEPASearch Map Report obtained from EDR at the request of the Client, it should be noted that this assessment did not include a review or audit of operational environmental compliance issues, or of any environmental management systems (EMS) that may exist on the property. The information obtained from the NEPASearch Map Report was used to provide a preliminary screen for endangered species conditions, historic sites, wetlands, floodplains, and FCC and FAA issues that are readily available from existing government databases. No field verification or testing surveys were conducted as part of this assessment.

Where required, the documents listed in Appendix C and D were used as reference material for the completion of the Phase I ESA. The Phase I ESA report is based on commonly known and reasonably ascertainable information much of which is obtained from other sources including, but not limited to, interviews, databases providers, insurance maps, and

**3.0 INTRODUCTION (continued)**

**3.4 LIMITATIONS AND EXCEPTIONS (continued)**

municipal records. Although attempts are made, whenever possible, to obtain a minimum of two confirmatory sources of information, Ecobility in certain instances is required to assume that the information provided is accurate. Ecobility cannot and does not warrant or guarantee that this information is accurate or complete. No other warranties are expressed or implied.

**3.5 RELIANCE**

This report has been prepared for the sole benefit of the Client. The report may not be relied upon by any other person or entity without the express written consent of Ecobility Corporation and the Client with the following exception(s): None.

Reliance or any use of this report by anyone other than those parties identified above, for which it was prepared is prohibited and therefore not foreseeable to Ecobility Corporation. Any unauthorized reliance on or use of this report, including any of the information or conclusions contained herein, will be at the third party's risk. No warranties or representations expressed or implied in this report are made to any such third party.

Third party reliance letters may be issued upon timely request and payment of the then-current fee for such letters. All third parties relying on our report, by such reliance, agree that such reliance is limited by our proposal and General Conditions.

**3.6 SPECIAL TERMS & CONDITIONS**

Ecobility's expertise and experience does not include biological or historical surveys, assessments, or data interpretation. The information provided in this report was obtained from a database information provider for compliance with a NEPA Checklist for the expressed use of the Client for identifying potential areas or issues of concern. Ecobility is not aware of any other special terms & conditions for this property.

**3.7 LOCATION AND SITE DESCRIPTION**

The Subject Property is located in Mission Hills California near and southeast of the confluences of Interstates 405 and 5. The Subject Property occupies three parcels identified as Assessor Parcel Numbers (APNs) 2664-022-008 (Lower Parcel 1), 2664-022-018 (Residence Parcel), and 2664-022-009 (Lower Parcel 2). The property address of the residence parcel (APN 2884-022-018) is identified as 15151 Mission Hills Road, Mission Hills, California. The property is hilly in terrain and largely undeveloped. A residential compound is present near the highest elevation, approximately 1120 feet above mean sea level, on the Subject Property and consists of three buildings including a main residence, a pool house and pool, and a detached garage/shop structure. Figure 2 shows the layout of the Subject Property.

**3.8 ADJOINING PROPERTY INFORMATION**

During the vicinity site reconnaissance, Ecobility Corporation observed the land use on properties in the immediate vicinity of the Subject Property as listed in the following table.

**3.8 ADJOINING PROPERTY INFORMATION (continued)**

Direction From Site	Occupant	Use	Comments
North	Residence	Residential	The property north of the Subject Property is identified as a residential property with similar configuration to the Subject Property. The address of the site is 15149 Mission Hills Road. The residential structure is surrounded by undeveloped land.

**3.0 INTRODUCTION (continued)**

**3.8 ADJOINING PROPERTY INFORMATION (continued)**

Direction From Site	Occupant	Use	Comments
			To the northeast is agricultural land.
South	Bishop Alemany High School Ball Fields	Institutional	Immediately south of the property is Mission Hills Road across which is the football field for Bishop Alemany High School.
East	Ararat Home of Los Angeles	Institutional	Extending north south along the eastern boundary of the property is a high voltage transmission line corridor. This corridor separates the Ararat Home of Los Angeles, Inc. an assisted living facility for the aged, from the Subject Property.
West	Eden Memorial Park	Institutional	West of the Subject Property is the Eden Memorial Park Cemetery.

#### **4.0 USER PROVIDED INFORMATION**

The following sections summarize information provided by the user to assist the environmental professional in identifying the possibility of RECs, CRECs and HRECs, in connection with the Subject Property, and to fulfill the user's responsibility in accordance with Section 6 of ASTM Practice E 1527-13. Ecobility received an AAI Questionnaire from Mr. Nazar Ashjian, Jr. of the Ararat Home of Los Angeles, Inc. that was completed by Dr. Otto Klinger owner of the property. The Questionnaire is included in Appendix E. In addition, Mr. Ashjian provided Ecobility with a copy of a geotechnical report for a portion of the property prepared by Allan E. Seward, Engineering Geology, Inc. dated April 27, 2017 and entitled "Geologic and Geotechnical Report - Investigation of Existing Groundwater Conditions and Distressed Access Road to Residence" for 15155 Mission Hills Road, Mission Hills, California.

#### **4.1 ACTUAL AND SPECIALIZED KNOWLEDGE**

Ecobility Corporation has no specialized knowledge of the Subject Property and no one interviewed as part of this investigation has reported any specialized knowledge of this property outside what is contained in this report.

#### **4.2 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES**

Based on the completed User Questionnaire (Appendix F) completed by Dr. Otto Klinger, owner of Subject Property, the Subject Property is being purchased at fair market value. No other information was provided regarding the property valuation and environmental issues.

#### **4.3 USER, OWNER, PROPERTY MANAGER AND OCCUPANT INFORMATION**

Dr. Otto Klinger, owner of the property, was interviewed to obtain key, site information on the history and current use of the Subject Property. Dr. Klinger provided a tour of the property as described in Section 6.0 and 7.0. Dr. Klinger stated that the property does not have a water well and the source of water is from the Los Angeles Department of Water and Power. He also informed Ecobility that at least three septic tanks and three associated leach pits are present to accommodate the residence. Dr. Klinger also informed Ecobility that he was not aware of any environmental liens or AULs associated with the property.

Mr. Derik Ghookasian was also interviewed as part of the Phase I ESA. Mr. Ghookasian informed Ecobility of the acquire the property and expand the Ararat Home service to this property. Please refer to Section 7.0 for a more detailed discussion of the interviews.

#### **4.4 TITLE RECORDS, ENVIRONMENTAL LIENS AND ACTIVITY/USE LIMITATIONS**

The Practice requires that the User provide information about Environmental [Cleanup] Liens and Activity and Use Limitations (AULs) currently recorded against the property and indicates that the User should engage a title company to do the review or negotiate such engagement as an addition to the environmental professional's (EP) services. In addition, the Practice suggests that the User provide the Environmental Professional with certain other information about the property and the reason for the Phase I ESA.

Dr. Klinger, owner of the property, indicated verbally and through the Environmental Questionnaire provided to the Ararat Home Los Angeles, Inc. that he was not aware of environmental liens or AULs for the Subject Property. Ecobility retained EDR to conduct An environmental lien and AUL search of the Subject Property. No environmental liens or AULs were found for the Subject Property.

#### **4.5 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION**

Ecobility is not aware or provided any commonly known or reasonably ascertainable information beyond what has been presented in this report.

**4.0 USER PROVIDED INFORMATION (continued)****4.6 OTHER LAND USE RECORDS**

Tax Maps provided by EDR and Property Detail Reports provided by the owner were reviewed. Based on this information, APN 2664-022-008 is identified as the Lower Land parcel 1 and occupies approximately 3.1 acres. Lower Land parcel 2 is APN 2664-022-009 and is the eastern most of the two lower parcels occupying approximately 1.96 acres. The upper elevation property, known as the Klinger Residence is APN 2664-022-018 and occupies approximately 6.8 acres for a total acreage of the Subject Property of approximately 12 acres. No other Land Use records were identified as part of this assessment.

**5.0 RECORDS REVIEW**

**5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS**

Ecobility contracted Environmental Data Resources, Inc. (EDR) to conduct a search of Federal and State databases containing known and suspected sites of environmental contamination. The number of listed sites identified within the approximate minimum search distance (AMSD) from the Federal and State environmental records database listings specified in ASTM Standard E 1527-13 are summarized in the following table. Detailed information for sites identified within the AMSDs is provided below, along with an opinion about the significance of the listing to the analysis of recognized environmental conditions in connection with the subject property. Copies of the EDR research data and a description of the databases are included in Appendix D of this report.

**DETAIL SUMMARY**

**Site Name:** UNK  
**Databases:** SWEEPS UST, CA FID UST  
**Address:** 15105 MISSION HILLS RD  
**Distance:** 0  
**Direction:** ESE  
**Elevation:** Lower  
**Comments:** This address refers to the Ararat Home of Los Angeles, Inc. the eastern adjacent property to the Subject Property. The listing is for an underground storage tank. The California FID UST and SWEEP USTs listed the facility with no information. Mr. Ghookasian, COO of the Ararat Home, informed Ecobility that the facility does not now or historically have underground or above ground storage tanks. Fuel storage for backup generators is integrated into those systems. The property is lower in elevation and separated by a power transmission right away and is not likely a VEC or REC to the Subject Property.

**Site Name:** EDEN MEMORIAL PARK ASSOCIATION  
**Databases:** SWEEPS UST, CA FID UST, HIST UST  
**Address:** 11521 MEMORY PARK AVE  
**Distance:** 102  
**Direction:** SSW  
**Elevation:** Lower  
**Comments:** The site is identified as having past underground storage tanks and possibly currently active underground storage tanks. No violations or releases are reported. The distance and lower elevation of the site make the site not likely to be a REC or VEC to the Subject Property.

**Site Name:** EDEN MEMORIAL PARK ASSN /C  
**Databases:** HIST UST, SWEEPS UST, CA FID UST  
**Address:** 11500 SEPULVEDA BLVD  
**Distance:** 563  
**Direction:** West  
**Elevation:** Higher  
**Comments:** The site is identified as having past underground storage tanks and possibly currently active underground storage tanks. No violations or releases are reported. The site is not likely a REC or VEC to the Subject Property because of the absence of reported violations or releases from the Subject Property.

**Site Name:** 91844 - CHEVRON STATION  
**Databases:** SWEEPS UST, CA FID UST, HIST UST  
**Address:** 15448 RINALDI ST  
**Distance:** 1027  
**Direction:** Southwest  
**Elevation:** Lower  
**Comments:** The address listed does not appear to correspond with a current service station. However, considering that no violations or releases are reported and the proximity of Rinaldi to the Subject Property, the station is not likely a REC or VEC to the Subject Property.



**5.0 RECORDS REVIEW (continued)**

**5.1 STANDARD ENVIRONMENTAL DATABASE RECORDS (continued)**

**Site Name:** HOLY CROSS SURGERY CENTER /C  
**Databases:** SWEEPS UST, CA FID UST, UST  
**Address:** 11550 INDIAN HILLS RD  
**Distance:** 1140  
**Direction:** ESE  
**Elevation:** Lower  
**Comments:** The site is listed as historical and currently operating underground storage tanks. No releases or spills are reported. The distance, downgradient location, and lack of releases do not make the site a REC or VEC to the Subject Property.

**Site Name:** HOLY CROSS HOSPITAL also known as PROVIDENCE HOLY CROSS MEDICAL CENTER  
**Databases:** HIST UST, SWEEPS UST, UST  
**Address:** 15031 RINALDI STKEET  
**Distance:** 1164  
**Direction:** Southeast  
**Elevation:** Lower  
**Comments:** The site is listed as historical and currently operating underground storage tanks. No releases or spills are reported. The distance, downgradient location, and lack of releases do not make the site a REC or VEC to the Subject Property.

**Site Name:** HOLY CROSS MEDICAL CENTER  
**Databases:** HIST UST, SWEEPS UST, CA FID UST, UST, HAZNET  
**Address:** 15031 RINALDI ST  
**Distance:** 1207  
**Direction:** Southeast  
**Elevation:** Lower  
**Comments:** The property is southeast of the Subject Property and is listed on the above three databases indicating that the site has historical and possibly currently operates underground storage tanks. No indication of leaks or releases are reported on the site. The site also generates and transports small quantities of California designated hazardous waste. No violations were reported in the reports provided. The lower elevation, distance and lack of release evidence indicate that the site is not likely a REC or VEC to the Subject Property.

**Site Name:** TERRIBLE HERBST OIL COMPANY  
**Databases:** HIST CORTESE, LUST  
**Address:** 11501 SEPULVEDA BLVD N  
**Distance:** 1407  
**Direction:** WSW  
**Elevation:** Lower  
**Comments:** This site is located southwest of the Subject Property along Rinaldi Street and Sepulveda Blvd. The site is listed on the Leaking Underground Storage Tank (LUST) database indicating that a release has occurred from The site is under the jurisdiction of the Los Angeles Regional Water Quality Control Board (RWQCB) and the City of Los Angeles Fire Department. A release of gasoline that impacted was reported in both soil and groundwater occurred in 1995. As of 2016 the site is eligible for Closure. Previous assessments indicate that groundwater and the contaminant plume beneath the site flows south. As a result the site is not likely a REC or VEC to the Subject Property.

**Site Name:** ROLL-OFFS 4 LESS  
**Databases:** SWF/LF (SWIS)  
**Address:** 14801 RINALDI ST.  
**Distance:** 1728  
**Direction:** WSW  
**Elevation:** Lower  
**Comments:** The property is listed on the SWF/LF database suggesting recycling occurs at the property. This property is south of the Subject Property. Its distance and down-gradient location do not indicate that the site is a REC or VEC to the Subject Property



## 5.0 RECORDS REVIEW (continued)

### 5.2 PHYSICAL SETTING

Ecobility Corporation reviewed the following information to describe the physical setting of the Subject Property:

- USGS 7.5 Minute San Fernando, California Topographic Map dated 2012
- USGS 7.5 Minute San Fernando, California Topographic Map dated 1995
- EDR Geospatial Report
- US Department of Agriculture (USDA) Soil Conservation Service (SCS)
- State of California Regional Water Quality Control Board Geotracker Database
- Department of Toxic Substance Control Envirostor Database
- State of California, Department of Conservation, Division of Oil and Gas and Geothermal Resources (DOGGR)
- California Division of Mines and Geology [CDMG], 1958, Bulletin 172
- California Division of Mines and Geology [CDMG], 1998, Seismic Hazard Zone Report

#### 5.2.1 TOPOGRAPHY

The 1995 and 2012 United States Geological Survey (USGS) "San Fernando, California" 7.5 minute quadrangle maps showing the area where the Subject Property is located were obtained and reviewed as specified in ASTM Standard 1527-13 § 8.2.3. According to the contour lines on the 1995 topographic map, the property is hilly with the upper elevations in excess of 1120 feet above mean sea level. The Subject Property structures appear on the 1995 topographic map near the 1120 feet contour.

#### 5.2.2 GEOLOGY

The Site is located in the San Fernando Valley, a structural basin within the tectonically active Transverse Ranges of southern California. The valley is bordered by the San Gabriel and Santa Susana Mountains on the north and by the Santa Monica Mountains on the south. The Subject Property is in Mission Hills in the northern portion of the San Fernando Valley. The Subject Property is in localized hilly topography. South of the Subject Property and Rinaldi Street, the topographic slope is more gradual, and generally directed to the south.

The vicinity of the Subject Property is geologically complex. The potentially-active, north-dipping, Mission Hills thrust fault is inferred to coincide with the location of Rinaldi Street in this area (California Division of Mines and Geology [CDMG], 1958, Bulletin 172). This fault forms the structural boundary between the Mission Hills on the north and the San Fernando Valley on the south. The Seismic Hazard Zone Report for the San Fernando quadrangle (CDMG, 1998) indicates there is a groundwater discontinuity that coincides with the location of the Mission Hills fault.

The Mission Hills are composed of deformed Miocene rocks of the Modelo Formation (CDMG, 1958). This formation consists of marine sandstone, conglomerate, and siliceous and diatomaceous shale. Pleistocene alluvial sediments occur along the southern flank of the Mission Hills.

A Geologic and Geotechnical Report - Investigation of Existing Groundwater Conditions and Distressed Access Road to Residence was prepared on April 27, 2017 by Allan E. Seward Engineering Geology, Inc. regarding water flow and saturated conditions along the access road in the vicinity where the road extends west and then south. The investigation included reviewing existing local and regional information and the collection of samples from test trenches. The findings of the report state that groundwater was detected at ground surface and at a depth of 2.5 feet at trench T-6 with groundwater flowing also through the sidewall at trenches T--1, T-2, and T-3. The direction of flow was along the natural drainage path. The Eden Memorial Cemetery along with natural groundwater is reported as the source of water. See Appendix F for a copy of the report along with the findings and recommendations for the existing access road.

#### 5.2.3 HYDROLOGY

The closest surface water bodies as identified from the 1995 USGS Quadrangle Map include: the East Canyon Channel approximately 1/2 mile to the east and Lower Van Norman Lake and Debris Basin 1/2 to 1 mile to the northwest. Other smaller unidentified drainage channels appear on the topographic maps. Within the property, ephemeral washes and springs may be present.

**5.0 RECORDS REVIEW (continued)**

**5.2 PHYSICAL SETTING (continued)**

**5.2.3 HYDROLOGY (continued)**

The site is within the San Fernando Groundwater Basin of the larger Los Angeles Groundwater Basin. Groundwater wells were not identified on the property. No specific groundwater information is available for this site. Based on the geology and topography of the site, localized and isolated groundwater may be contained in sediments or fractures as a result of infiltration from localized rainfall. Although not identified during the site reconnaissance localized groundwater discharge locations such as springs may be present seasonally on the Subject Property. The geological report prepared by Allan Seward Engineering Geology, Inc. in April 2017 states that water flow is undermining a portion of the existing access road to the residence. Groundwater flow was detected generally following along the natural drainage course with groundwater at locations at ground surface. The source of this water may be augmented from runoff and percolation from irrigation at the Eden Memorial Cemetery west of the Subject Property.

**5.3 HISTORICAL USE**

**5.3.1 HISTORICAL SUMMARY**

Historical information identifying the past site use was obtained from a variety of sources as detailed in Appendix C of this report and include:

- City Directories
- Aerial Photographs
- Sanborn Fire Insurance Maps
- Historic Topographic Maps
- City of Los Angeles Building and Safety records

The review of historic topographic maps, aerial photographs, city directories, and other sources indicate the Subject Property s shown as undeveloped from approximately 1900 through 1947 at which time some grading in the area of the current residence is identified in aerial photographs. City Directories suggest a residence on the property in 1950. The residential structures are first evident in the 1952 aerial photograph. No other development is evident on the property from the available resources beyond 1950. The current property property owner, Dr. Otto Klinger, is shown as a listing for the property in 1975.

**5.3.2 CITY DIRECTORIES**

Ecobility Corporation reviewed City Directories for the Subject Property and adjoining properties provided by EDR that covered the years from 1920 through 2014. The Subject Property address was first listed in 1950 as Lloyd R Aldrich. No adjoining properties or surrounding properties of concern were identified. Copies of the City Directories reviewed are included in Appendix C of this report. A summary of the information obtained from the review is provided in the table below.

**SUMMARY**

Date	Site Comments	Surrounding Area Comments
1950	First listed as Lloyd R Aldrich, likely the name of the then current owner.	
1956	No Listing	The property to the north (15149 Mission Hills Road) is first listed as Robert L. Goodyear.
1962	Lloyd Aldrich - no change in listing.	The property to the north (15149 Mission Hills Road) is listed as Robert L. Goodyear. The property to the east (15105 Mission Hills Rd) is first list listed as Curtis Peck.
1970	Mason F Travis listed for the property.	The property to the north (15149 Mission Hills Road) is t listed as Robert L. Goodyear. The property to the east (15103 Mission Hills Rd) is listed as John Di Pietro.

**5.0 RECORDS REVIEW (continued)**

**5.3 HISTORICAL USE (continued)**

**5.3.2 CITY DIRECTORIES (continued)**

Date	Site Comments	Surrounding Area Comments
1975	Otto Klinger MD now listed for the property.	The property to the north has a final listing for Robert L Goodyear. The property to the east (15103 Mission Hills Rd) is listed as John Di Pietro.
1980	Otto Klinger MD now listed for the property.	No Listing
1985	Otto Klinger MD now listed for the property.	No Listing
1991	Otto Klinger MD now listed for the property.	The Property to the east (15105 Mission Hills Rd) is now listed as Pacific Mechanical Contractors.
2004	Last listing for the property - Otto Klinger, MD.	The property to the east (15099 and 15105 Mission Hills Rd) is listed as the Ararat Home of Los Angeles along with numerous individual tenants. The property to the east (15103 Mission Hills Rd) is listed as John Di Pietro.
2010	No Listing	The property to the east (15105 Mission Hills Rd) is listed as the Ararat Home of Los Angeles.
2014	No Listing	The property to the east (15105 Mission Hills Rd) is listed as the Ararat Home of Los Angeles and the Eskijian Museum.

**5.3.3 AERIAL PHOTOGRAPHS**

Available aerial photographs dated 1928, 1938, 1947, 1952, 1964, 1969, 1977, 1979, 1983, 1989, 1994, 2002, 2005, 2009, 2010, and 2012 from EDR were reviewed. Copies of the selected photographs are included in Appendix C of this report. A summary of the information obtained from the review is provided in the table below.

**SUMMARY**

Date(s)	Property Comments	Surrounding Area Comments
1928	The Subject Property appears to be undeveloped land.	With the exception of two the building pads, one to the north and one to the west of the Subject Property and dirt roads the area surrounding the property appears to be undeveloped. Generally, south of Mission Hills Road is agriculture with some north of the road and east of the Subject Property.
1938	The Subject Property appears to be undeveloped land.	The two building pads to the north and west are no longer visible. No other changes are noted. Sepulveda Blvd. appears west of the Subject Property.
1947	The Subject Property appears to be largely undeveloped land. Preparation of a building pad appears at the likely location of the current day residential structure.	The surrounding area appears largely as it did in 1938. Some additional structures appear east of the Subject Property in the area of the current day Ararat Home.
1952	The Subject Property appears as undeveloped land except for the residential structures present at the current location.	North of the Subject Property is another residential property. Structures and some agriculture appears to the east. The remaining areas appear similar to that described in 1947. Structures are present at the location of the present day Ararat Home.
1964	The Subject Property appears as undeveloped land except for the residential structures present at the current location.	A large amount of earth movement is present west and northwest of the Subject Property and east of Sepulveda. The outline of the current day football field south of the Subject Property and Mission Hills Road is present. More structures are present to the east. Southwest of the property appears to be a cemetery. Structures east of that location and west of the football field are also present. The 405 freeway is present west of Sepulveda with

**5.0 RECORDS REVIEW (continued)**

**5.3 HISTORICAL USE (continued)**

**5.3.3 AERIAL PHOTOGRAPHS (continued)**

Date(s)	Property Comments	Surrounding Area Comments
		Sepulveda merging onto the freeway. Interstate 5 is present north and northeast of the Subject Property. Southeast of the Subject Property and east of the football field appears to be the present day Providence Hospital.
1969	The Subject Property appears as undeveloped land except for the residential structures present at the current location.	The surrounding property appears largely the same as in 1964 with some reconfiguration of Mission Hills Road southwest of the Subject Property.
1977	The Subject Property appears as undeveloped land except for the residential structures present at the current location.	The surrounding area appears largely the same. Agriculture is still present south of Rinaldi but south of the agriculture is now a cemetery. West to northwest of the site is also a cemetery.
1979	The Subject Property appears as undeveloped land except for the residential structures present at the current location.	Similar to 1977 with further development adjacent to the hospital southeast of the Subject Property.
1983	The Subject Property appears as undeveloped land except for the residential structures present at the current location.	Similar to 1979 with more development. Agriculture is shrinking south of Rinaldi.
1989	The Subject Property appears as undeveloped land except for the residential structures present at the current location.	Similar to previous yeas with increasing development.
1994	The Subject Property appears as undeveloped land except for the residential structures present at the current location.	Similar to previous yeas with increasing development. The Ararat Home is present to the east of the Subject Property. Ground clearing appears north of Interstate 5 in the northeast.
2002	The Subject Property appears as undeveloped land except for the residential structures present at the current location.	The surrounding areas appear similar to 1994 with more development. The Ararat Home is present to the east. North of Interstate 5 is a new housing development.
2005	The Subject Property appears as undeveloped land except for the residential structures present at the current location.	The surrounding areas appear similar to 1994 with more development. The Ararat Home is present to the east.
2009	The Subject Property appears as undeveloped land except for the residential structures present at the current location.	The surrounding areas appear similar to 1994 with more development. The Ararat Home is present to the east.
2010	The Subject Property appears as undeveloped land except for the residential structures present at the current location.	The surrounding areas appear similar to 1994 with more development. The Ararat Home is present to the east.
2012	The Subject Property appears as undeveloped land except for the residential structures present at the current location.	The surrounding areas appear similar to 1994 with more development. The Ararat Home is present to the east.

**5.3.4 SANBORN FIRE INSURANCE MAPS**

A search of Sanborn Fire Insurance maps by EDR Sanborn Inc. was requested by Ecobility Corporation. According to EDR Sanborn Inc., maps for the Subject Property and the surrounding area were not identified or practically reviewable. A copy of the "No Coverage" documentation from EDR is included in Appendix C of this report.

**5.0 RECORDS REVIEW (continued)**

**5.3 HISTORICAL USE (continued)**

**5.3.5 HISTORICAL TOPOGRAPHIC MAPS**

Available topographic maps dated 1900, 1925/1927, 1940, 1945, 1947, 1953, 1966, 1972, 1988, 1995, and 2012. from the USGS as provided by EDR were reviewed for this Environmental Site Assessment. Copies of the selected topographic maps are included in Appendix C of this report. A summary of the information obtained from the review is provided in the table below.

**SUMMARY**

<b>Date(s)</b>	<b>Quad</b>	<b>Property Comments</b>	<b>Surrounding Area Comments</b>
1900,1900	Fernando,San Fernando	The Subject Property appears to be undeveloped.	The surrounding properties appear appear to be undeveloped or agriculture. Over 1 mile south of the Subject Property is the San Fernando Mission. San Fernando Lake is present to the northwest of the site.
1925,1927	Sylmar,Pacoima	The Subject Property appears to be undeveloped.	The surrounding properties appear appear to be undeveloped or agriculture. Over 1 mile south of the Subject Property is the San Fernando Mission. San Fernando Lake is present to the northwest of the site.
1940	San Fernando	The Subject Property appears to be undeveloped.	The surrounding properties appear appear to be undeveloped or agriculture. Over 1 mile south of the Subject Property is the San Fernando Mission. San Fernando Reservoir is present to the northwest of the site.
1945	San Fernando	The Subject Property appears to be undeveloped.	The surrounding properties appear appear to be undeveloped or agriculture. Over 1 mile south of the Subject Property is the San Fernando Mission. San Fernando Reservoir is present to the northwest of the site.
1947	SAN FERNANDO	The Subject Property appears to be undeveloped.	The surrounding properties appear appear to be undeveloped or agriculture. Over 1 mile south of the Subject Property is the San Fernando Mission. San Fernando Reservoir is present to the northwest of the site.
1953	San Fernando	The Subject Property appears to be undeveloped.	The surrounding properties appear appear to be undeveloped or agriculture. More agriculture is evident on both sides of Rinaldi south of the Subject Property. A cemetery is present southwest of the property between Rinaldi and San Fernando Mission Road. Over 1 mile south of the Subject Property is the San Fernando Mission. San Fernando Reservoir is present to the northwest of the site.
1966	San Fernando	The Subject Property appears to be undeveloped with the exception of the residential structures.	South and Southeast of the Subject Property are Alemany High School and Holy Cross Hospital. West of the Subject Property is identified Eden Memorial Cemetery. Structures appear east of the Subject Property on the present location of the Ararat Home. San Fernando Reservoir is now labeled Lower Van Norman Lake (northwest). A cemetery is present south of Rinaldi.

**5.0 RECORDS REVIEW (continued)**

**5.3 HISTORICAL USE (continued)**

**5.3.5 HISTORICAL TOPOGRAPHIC MAPS (continued)**

1972	San Fernando	No significant changes from 1966.	No significant changes since 1966 except Lower Van Norman Lake is under construction.
1988	San Fernando	No significant changes from 1972.	No significant changes since 1972.
1995	San Fernando	No significant changes since 1988.	No significant changes since 1988. Lower Van Norman Lake appears operational.
2012	San Fernando	The current map does not show any landmarks on the Subject Property.	The only landmarks shown for adjacent properties is for Eden Memorial Cemetery.

**5.3.6 OIL AND GAS MAPS**

Ecobility reviewed the State of California, Department of Conservation, Division of Oil and Gas and Geothermal Resources (DOGGR), Online Mapping System (DOGGR, 2013). Based on the information on the map, the Subject Property may have a plugged well southwest of the residence and immediately east of the Eden Memorial Park. The well has an API Number of 03705891 and is an oil and gas production operated by SWEPI, LP. The status of the well is that it has been plugged.

A second well is identified approximately 500 feet north of the Subject Property as API Number 03705892. This well is also an oil and gas well operated by SWEPI, LP and has a status of plugged.

A third well is identified south of Rinaldi. The well is identified as API Number 03722050 and is listed as operated by Union Oil Company of California. The well is an oil and gas well with a status as plugged.

**5.4 STATE AND MUNICIPAL RECORDS**

Local municipal agencies, such as building and safety departments, fire prevention bureaus, and environmental health departments were contacted to review applicable permits, and identify any current or previous reports of hazardous materials use, storage, and/or unauthorized releases that may have impacted the Subject Property.

City of Los Angeles, Building and Safety Division - On November 21, 2017 a request for records for the property. Pertinent records obtained from our third party provider (EDR) are provided in Appendix C. Their search of records did not reveal any records for the Subject Property. Extensive records can be found in Appendix C for the Ararat Home of Los Angeles, the east adjoining property.

City of Los Angeles Fire Department, Fire Prevention Division - On November 20, 2017 a request was sent to the Fire Department for records pertaining to the Subject Property. On November 22, 2017, an email response was received stating that no records were found for the Subject Property.

Los County Department of Public Works - No response has been received from this agency.

Los Angeles County Department of Public Health - A request was submitted on November 21, 2017 requesting records for the Subject Property. A response was received on December 6, 2017 that their search revealed no records for Landfills, Septic Tanks, and Water Wells on the Subject Property.

November

Los Angeles County Sanitation Districts, Industrial Waste Section - A request for records was made on November 21, 2017. The District responded on November 28, 2017 that no records were present responsive to the request.

Los Angeles County Fire Department, Health Hazardous Materials Division - No November 20, 2017 a request was to the Fire Department for records pertaining to the Subject Property. A response was received on December 7, 2017 that no records were found for the Subject Property address.

Los Angeles County Assessors Office - The Assessors Office files for the Subject Property were reviewed online. Pertinent information obtained is provided in Appendix C and F.

**5.0 RECORDS REVIEW (continued)****5.4 STATE AND MUNICIPAL RECORDS (continued)**

State of California Water Resources Control Board, Geotracker - The Subject Property and adjoining properties are not listed on the database.

California Department of Toxic Substances Control - Envirostor - The Subject Property and adjoining properties are not listed on the database.

South Coast Air Quality Management District database - The Subject Property was not listed on the South Coast Air Quality Management District. Surrounding properties including the Ararat Home of Los Angeles and Providence Holy Cross Medical Center maintain air quality permits for equipment on site. No violations were found for the Ararat Home however several past violations at Providence Holy Cross Medical Center are listed including the latest in September 2016 of which the case was closed in March 2017. No open violations were evident. A thorough search of violations for other surrounding properties was not conducted.

**5.5 OTHER ENVIRONMENTAL REPORTS**

Ecobility was not provided any environmental reports regarding the Subject Property for review.



## 6.0 SITE RECONNAISSANCE

### 6.1 METHODOLOGY AND LIMITING CONDITIONS

The site reconnaissance was conducted on November 30, 2017 by Mr. Michael Mooradian, Environmental Professional with Ecobility Corporation. Mr. Mooradian was accompanied during the site visit by Mr. Derik Ghookasian from the Ararat Home of Los Angeles, Inc. and Dr. Otto Klinger, owner of the Subject Property. Weather conditions at the time of the site reconnaissance were sunny and 73 degrees Fahrenheit. The objective of the site reconnaissance is to obtain information indicating the likelihood of identifying recognized environmental conditions in connection with the Subject Property.

The visual reconnaissance consisted of observing the boundaries of the Subject Property and systematically traversing the site to provide an overlapping field of view, wherever possible. The entire property including the interior and exterior of the onsite building and associated asphalt parking areas were visually and physically observed. Photographs of pertinent site features identified during the site reconnaissance are included in Appendix B.

### 6.2 GENERAL SITE SETTING

The Subject Property is approximately 12 acres of generally undeveloped, hilly terrain. The exception is the approximately 1/2 acre near the summit of the property that has been developed as a residence with a home, detached garage, pool and pool house. Views from the property extend from the southwest to the northeast. The lower parcels are approximately 5 acres combined and 10 to 15 feet above Mission Hills Road. The upper residential parcel is approximately 1120 feet above mean sea level.

### 6.3 SITE RECONNAISSANCE - SUBJECT PROPERTY

Reconnaissance of the Subject Property was conducted on November 30, 2017 by Mr. Michael Mooradian of Ecobility Corporation. The reconnaissance included traversing the property to identify areas of environmental concern. The property consists of three parcels and is irregularly shaped. The lower two parcels (APN 2664-022-008 [Lower Parcel 1] and 2664-022-009 [Lower Parcel 2]) front on the north side of Mission Hills Road. These parcels are 3.1 and 1.96 acres, respectively. Both parcels have flat areas above the elevation of Mission Hills Road as a result of cut and fill according to Dr. Otto Klinger, owner of the parcels. The areas are generally covered with natural grasses and some pepper trees. Photographs of the Subject Property and surrounding areas are shown in Appendix B.

Reconnaissance of the Subject Property began at Dr. Otto Klinger's home. Mr. Derik Ghookasian from the Ararat Home of Los Angeles, Inc. and Dr. Otto Klinger, owner of the Subject Property accompanied Mr. Mooradian during the reconnaissance. Mr. Klinger was asked if any wells, hazardous waste disposal, or hazardous substances were on the property. Mr. Klinger informed Ecobility that these items were not on the property, beyond the volume used for personal use. Water to the property is supplied by the Los Angeles Department of Water and Power. The upper parcel does have at least 3 septic tanks that service the residence. Access to these were identified in the front driveway as well as in the patio west of the main house. Dr. Klinger informed Ecobility that a separate leach pit was attached to each septic tank. Although no information was available regarding the design of these pits, they are typically 3 to 4 feet in diameter and extend into the subsurface 20 to 40 feet.

Dr. Klinger provided a tour of the grounds extending clockwise from the driveway to the eastern portion of the upper parcel and then traversing south to west to north and then east back to the residence. During the reconnaissance much of the property was identified as undeveloped with grasses, pepper trees and eucalyptus. Other trees and plants were also present. At the start of the reconnaissance the Ararat Home of Los Angeles, Inc. was observed to the east. On the south side of the upper parcel, adjacent properties are visible including Mission Hills Road and the Alemany High School football field, Mission Hills Self Storage, and the Providence Holy Cross Medical Center to the southeast. A washed out portion of the slope in the southwestern portion of the upper parcel extending to the Lower Parcel 1 was observed. West of the upper parcel and extending south along the lower parcel (Parcel 1) is a masonry wall separating the Eden Memorial Park from the Subject Property. A trailer mounted water tank was identified west of the main residence. As the reconnaissance continued the adjacent residence to the north of the Subject Property was observed. The property was largely undeveloped beyond the immediate vicinity of the residence. Agricultural land was observed in the distance northeast of the Subject Property and east and north of the Ararat Home. Dr. Klinger informed Ecobility that the tank is used to provide water to plants on various portions of the property.



**6.0 SITE RECONNAISSANCE (continued)**

**6.3 SITE RECONNAISSANCE - SUBJECT PROPERTY (continued)**

Returning to the main residence compound the reconnaissance identified the shop area at the rear of the detached garage. Various hand and power tools were present along with small quantities of various chemical and petroleum products used to repair and maintain equipment. Some paint was also identified. The Shop area opened to the garage where two automobiles were stored along with two approved gasoline containers.

Ecobility entered the main residence that is largely an open beam exposed redwood construction. The date of construction was 1948 according to Dr. Klinger. Some ceiling tiles were present between the living room and dining room. These materials were in good condition. These materials, as well as other non visible building materials, may contain asbestos due to the age of the structure. These materials may include pipe insulation or air ducting. A detailed inspection of the main residence was not conducted.

Ecobility then viewed the grounds immediately surrounding the residence. A pond was observed on the patio south of the main structure. The patio extends to the west of the main residence. Access to two septic tanks were identified in the patio to the west.

A reconnaissance of the pool area identified a pool equipment area and an adjacent pool house. The pool house is a fully equipped house with similar construction to the main house. A detailed inspection was not conducted of the pool and pool house.

The reconnaissance then traversed along the access road toward the lower parcels. Prior to existing the residential compound, an above ground storage tank (AST) was observed. Dr. Klinger informed Ecobility that the tank has a capacity of 500 gallons and contains propane. Exiting the main residence identified a neighboring residence immediately to the north. The access road extends north and downhill adjacent to the northern adjacent property. As the road turns to the east and then back to the south water is present across the roadway. This appears to be the area addressed in the geological report in Appendix F. The water may represent local groundwater discharge or flow emanating from the Eden Memorial Park west of the Subject Property as the geological report suggests. A drainage area or wash extend south along the eastern boundary that may represent a wetland environ.

The reconnaissance continued down the access road toward Mission Hills Road. Prior to accessing Mission Hills Road, the reconnaissance again continued on foot. A dirt road that extended along the southern boundary of the property was accessed through a chain-linked fence. The lower parcels adjoin Mission Hills Road. The property is covered in natural grasses, pepper trees, and other flora. Dr. Klinger informed Ecobility that he had placed fill in the lower parcels for the access road as well as to prepare flat areas on each of the two parcels. Walking north toward the main house along the access dirt road separating the two lower parcels increased in elevation approximately 10 to 15 feet. The Lower Parcel 1 to the west is the largest of the two parcels at 3.1 acres. Lower Parcel 2 is to the east and is smaller at 1.96 acres. Observations to the north show a significant elevation to the upper parcel of the Subject Property. The washed out area observed earlier from the Upper Residence Parcel is observed from the lower end of the wash out on Lower Parcel 1.

**RECONNAISSANCE SUMMARY**

Section/ Item	Identified?
6.3.1 HAZARDOUS SUBSTANCES	Yes
6.3.2 PETROLEUM PRODUCTS	Yes
6.3.3 USTs	No
6.3.4 ASTs	Yes
6.3.5 ODORS	No
6.3.6 OTHER SUSPECT CONTAINERS	No
6.3.7 EQUIPMENT LIKELY TO CONTAIN PCBs	No
6.3.8 HEATING AND COOLING	No
6.3.9 INTERIOR STAINING/CORROSION	No
6.3.10 DRAINS AND SUMPS	No
6.3.11 PITS, PONDS AND LAGOONS/POOLS OF LIQUID	Yes
6.3.12 STAINED SOIL OR PAVEMENT	No
6.3.13 STRESSED VEGETATION	No

**6.0 SITE RECONNAISSANCE (continued)**

**6.3 SITE RECONNAISSANCE - SUBJECT PROPERTY (continued)**

6.3.14 SOLID WASTE DUMPING/LANDFILLS	No
6.3.15 WASTE WATER/DISCHARGE FEATURES	No
6.3.16 WELLS	No
6.3.17 SEPTIC SYSTEMS	Yes

**6.3.1 HAZARDOUS SUBSTANCES**

Only small quantities of hazardous substances were identified on the property. These were for homeowner use and stored property. Items included, but were not limited to paints and other household chemicals. Although not observed, small quantities chemicals associated with swimming pool maintenance such as chlorine and muriatic acid are likely stored on the premises.

**6.3.2 PETROLEUM PRODUCTS**

As stated in the previous section, small quantities of petroleum products were present on the property for homeowner use including gasoline containers and motor oil for yard equipment and lubricants. These items were in small quantities and appeared to in their proper containers.

**6.3.3 USTs**

Underground storage tanks were observed on the Subject Property.

**6.3.4 ASTs**

One above ground storage tank (AST) was observed on the west side of the entrance to the residential property. The tank was approximately 500 gallons and used to store propane for delivery to the residential structures. No leaks or staining was observed. Photos of the tank are in Appendix B.

**6.3.5 ODORS**

No evidence of odors were identified on the Subject Property during the site reconnaissance.

**6.3.6 OTHER SUSPECT CONTAINERS**

No other suspect containers were identified on the Subject Property during the site reconnaissance. A portable water tank was observed on the west end of the property. Dr. Klinger explained it was used to transport water across the property for irrigation.

**6.3.7 EQUIPMENT LIKELY TO CONTAIN PCBs**

Ecobility did not identify any transformers or other equipment that may contain PCBs on the property. If pole mounted transformers are present those are under the jurisdiction of the local utility. No other PCB containing equipment was identified on the Subject Property.

**6.0 SITE RECONNAISSANCE (continued)****6.3 SITE RECONNAISSANCE - SUBJECT PROPERTY (continued)****6.3.8 HEATING AND COOLING**

Although these systems may be present, Ecobility did not observe these systems during the site reconnaissance.

**6.3.9 INTERIOR STAINING/CORROSION**

Interior staining or corrosion was not observed on the Subject Property.

**6.3.10 DRAINS AND SUMPS**

With the exception of the swimming pool drain, no drains or sumps, including floor drains, catch basins or oil/water separators were observed on the Subject Property during the site reconnaissance.

**6.3.11 PITS, PONDS AND LAGOONS/POOLS OF LIQUID**

A decorative pond is present just south of the main residence. A swimming pool is northwest of the main residence and southwest of the pool house. The pond and the pool are not considered RECs on the Subject Property.

During the reconnaissance Dr. Klinger informed us of at least three leach pits on the property associated with the septic tanks. Although no construction information was provided, these are often 3 to 4 feet in diameter and 20 to 40 feet deep used to discharge liquid from the septic tank. These pits are conservatively designated as RECs although some professionals may not classify them as such because of their domestic purpose.

**6.3.12 STAINED SOIL OR PAVEMENT**

Stained soil or pavement was not observed on the Subject Property.

**6.3.13 STRESSED VEGETATION**

No stressed vegetation was observed or identified on the Subject Property during the site reconnaissance.

**6.3.14 SOLID WASTE DUMPING/LANDFILLS**

Solid waste dumping and/or landfills were not identified on the Subject Property.

**6.3.15 WASTE WATER/DISCHARGE FEATURES**

No waste water/discharge features were observed or identified on the Subject Property during the site reconnaissance. As described in Section 6.3, a natural drainage area along eastern portion of the property was observed.

**6.3.16 WELLS**

Wells were not observed on the property. According to Dr. Klinger, no water wells are present on the property. Water is provided by the Los Angeles Department of Water and Power.

**6.0 SITE RECONNAISSANCE (continued)**

**6.3 SITE RECONNAISSANCE - SUBJECT PROPERTY (continued)**

**6.3.17 SEPTIC SYSTEMS**

Three septic tank locations were identified during the site reconnaissance. One was present in the driveway just east of the front door of the main residence. Two others were identified in the patio west of the main residence. According to Dr. Klinger, the three septic tanks are connected to three leach pits on the property. The use of septic tanks for domestic purposes is conservatively considered a REC. These tanks are conservatively designated as RECs although some professionals may not classify them as such because of their domestic purpose. However,

**6.4 SITE RECONNAISSANCE - ADJOINING PROPERTIES**

Ecobility conducted a drive by reconnaissance of the adjoining properties. Along the eastern boundary of the property is a high voltage transmission corridor extending north and south. East of the corridor and adjoining the Subject Property is the Ararat Home of Los Angeles, Inc. an assisting living facility. South of the Subject Property is Mission Hills Road and south of this the Alemany High School football field and Mission Hills Self Storage. North of the Subject Property is a residential property. Agricultural property is observed to the distant northeast. West of the Subject Property is Eden Memorial Park. A Summary of uses and conditions is tabulated below. Detailed information is discussed following the summary along with an opinion about the significance of the listing.

**RECONNAISSANCE SUMMARY**

Section/ Item	Identified?
6.4.1 HAZARDOUS SUBSTANCES	No
6.4.2 PETROLEUM PRODUCTS	No
6.4.3 USTs	No
6.4.4 ASTs	No
6.4.5 ODORS	No
6.4.6 OTHER SUSPECT CONTAINERS	No
6.4.7 EQUIPMENT LIKELY TO CONTAIN PCBs	Yes
6.4.8 HEATING AND COOLING	No
6.4.9 INTERIOR STAINING/CORROSION	No
6.4.10 DRAINS AND SUMPS	No
6.4.11 PITS, PONDS AND LAGOONS/POOLS OF LIQUID	No
6.4.12 STAINED SOIL OR PAVEMENT	No
6.4.13 STRESSED VEGETATION	No
6.4.14 SOLID WASTE DUMPING/LANDFILLS	No
6.4.15 WASTE WATER/DISCHARGE FEATURES	No
6.4.16 WELLS	No
6.4.17 SEPTIC SYSTEMS	No

**6.4.1 HAZARDOUS SUBSTANCES**

Hazardous substances were not identified on the adjoining properties during the site reconnaissance.

**6.4.2 PETROLEUM PRODUCTS**

Petroleum Products were not identified on the adjoining properties during the site reconnaissance. A review of database records suggest that the east adjoining property may have historical or currently operated one or more underground storage tanks. The presence of these tanks do not represent a REC or VEC to the Subject Property.

**6.4.3 USTs**

Underground storage tanks were not identified on the adjoining properties during the site reconnaissance.

**6.0 SITE RECONNAISSANCE (continued)****6.4 SITE RECONNAISSANCE - ADJOINING PROPERTIES (continued)****6.4.4 ASTs**

Above ground storage tanks were not identified on the adjoining properties during the site reconnaissance.

**6.4.5 ODORS**

Noxious or other odors were not identified on the adjoining properties during the site reconnaissance.

**6.4.6 OTHER SUSPECT CONTAINERS**

Suspect containers were not identified on the adjoining properties during the site reconnaissance.

**6.4.7 EQUIPMENT LIKELY TO CONTAIN PCBs**

Equipment likely to contain PCBs were not identified on the adjoining properties during the site reconnaissance. Pole mounted transformer and free standing transformers that may contain PCBs were identified on public utility poles and on or adjacent to adjoining commercial/institutional properties. These transformers are likely owned by the Los Angeles Department of Water and Power, the local utility, who would be responsible in the event of a release.

**6.4.8 HEATING AND COOLING**

Heating and cooling systems were not identified on the adjoining properties during the site reconnaissance.

**6.4.9 INTERIOR STAINING/CORROSION**

Interior staining was not identified on the adjoining properties during the site reconnaissance.

**6.4.10 DRAINS AND SUMPS**

No drains or sumps, including floor drains, catch basins or oil/water separators were observed during the site reconnaissance on adjoining properties.

**6.4.11 PITS, PONDS AND LAGOONS/POOLS OF LIQUID**

Pits, ponds, or lagoons were not identified on the adjoining properties during the site reconnaissance.

**6.4.12 STAINED SOIL OR PAVEMENT**

Stained soil or pavement was not identified on the adjoining properties during the site reconnaissance.

**6.4.13 STRESSED VEGETATION**

No stressed vegetation was observed or identified on the Subject Property during the site reconnaissance.

**6.4.14 SOLID WASTE DUMPING/LANDFILLS**

Solid waste dumping was not identified on the adjoining properties during the site reconnaissance.

**6.0 SITE RECONNAISSANCE (continued)**

**6.4 SITE RECONNAISSANCE - ADJOINING PROPERTIES (continued)**

**6.4.15 WASTE WATER/DISCHARGE FEATURES**

Waste water discharge features were not identified on the adjoining properties during the site reconnaissance.

**6.4.16 WELLS**

Wells were not identified on the adjoining properties during the site reconnaissance.

**6.4.17 SEPTIC SYSTEMS**

No septic systems were observed or identified on the Subject Property during the site reconnaissance.

## 7.0 INTERVIEWS

Ecobility interviewed the following parties that potentially had information pertinent to the environmental site assessment update for the Subject Property:

In Person - Dr. Otto Klinger, property owner. Dr. Klinger provided a tour of the entire property during the site reconnaissance and answered questions during the assessment. Dr. Klinger informed Ecobility that no water wells were present on the property and that water is supplied by the Los Angeles Department of Water and Power. Dr. Klinger also informed Ecobility that the residence used septic tanks and is not connected to the Los Angeles City sewer system. The residence has three septic tanks and three associated leach pits.

In Person - Mr. Derik Ghookasian - Chief Operating Officer of the Ararat Home of Los Angeles. Mr. Ghookasian provided information about the purchase and future use of the Subject Property.

## 8.0 NON-SCOPE SERVICES

Ecobility conducted limited observations to address conditions beyond the scope of the Practice. A summary of the observations are provided below.

### 8.1 ASBESTOS-CONTAINING MATERIALS

An asbestos survey of the property was not conducted as part of this scope of work. The structures on the residential parcels were constructed in 1948 according to the property owner, Dr. Otto Klinger. Suspect material was identified in the ceiling between the living room and dining room. This material did not appear damaged. Based on the age of the building other suspect materials may be present and a survey is warranted prior to any major remodels or demolition.

### 8.2 LEAD-BASED PAINT

Lead-based paint (LBP) is defined as any paint, varnish, stain or other applied coating that has 1 mg/cm<sup>2</sup> (or 5,000 ug/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act in 1992 also known as Title X, to protect families from exposure to lead from paint, soil and dust. Under Section 1017 of Title X, intact LBP on most walls and ceilings is considered a hazard although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. The USEPA and the U. S. Department of Housing and Urban Development (HUD) require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

Based on the age of the onsite structures (1948) there is a potential for the presence of LBP. Prior to any renovation, remodeling or demolition activities, all painted surfaces should be surveyed for the presence of lead-based paint (LBP). The potential presence of suspect LBP is considered another environmental concern to the Subject Property.

### 8.3 RADON

Radon gas is a product of the decay series that begins with uranium. Radon is produced directly from radium, which can be commonly found in bedrock that contains black shale and/or granite. Radon gas can migrate through the ground and enter buildings through porous concrete or fractures. Radon tends to accumulate in poorly ventilated basements. Long-term exposure to radon has been associated with lung cancer.

The Subject Property is identified by the USEPA with all of Los Angeles County as located in Radon Zone 2. This zone indicates average radon levels at greater than 2.0 picocuries per Liter (pCi/L), but less than 4.0 pCi/L. However, the California Geological Survey Radon Potential Zone Map for Southern Los Angeles County, California dated January 2005 and prepared by Ron Churchill identifies this area of Mission Hills as a "Moderate Potential for Indoor Radon Levels Above 4.0 pCi/L." Most of the City of Los Angeles is in the low potential area but a few isolated areas such as this portion of Mission Hills, has a moderate potential. City-Data.com used USEPA data and found that 20 tests were performed in Mission Hills and the analysis of these samples did not identify concentrations in excess of 4.0 pCi/L. This higher designation is given likely because higher concentrations of radon are often found in hilly or mountainous areas

**8.0 NON-SCOPE SERVICES (continued)**

**8.3 RADON (continued)**

where bedrock is near the surface or exposed. Ecobility recommends that any design and construction of new structures consider radon mitigation.

**8.4 NEPA CHECKLIST**

Ecobility has reviewed historical and biological resources information as was present in readily available government databases as searched and provided by Environmental Data Resources, Inc. in the EDR NEPASearch Map Report. A copy of the full report, including the database resources used for each of the areas is found in Appendix C. The following Table presents a summary of the findings of that report.

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
NATURAL AREAS MAP - 1.1307a(1) Officially Designated Wilderness Area	US Federal Lands	1	NO	NO
NATURAL AREAS MAP - 1.1307a(1) Officially Designated Wilderness Area	US Wilderness preservation	1	NO	NO
NATURAL AREAS MAP - 1.1307a(2) Officially Designated Wildlife Preserve	US Federal Lands	1	NO	NO
NATURAL AREAS MAP - 1.1307a(2) Officially Designated Wildlife Preserve	CA PCT Lands	1	NO	NO
NATURAL AREAS MAP - 1.1307a(2) Officially Designated Wildlife Preserve	CA Conservation Easement	1	NO	NO
NATURAL AREAS MAP - 1.1307a(2) Officially Designated Wildlife Preserve	CA Protected Areas	1	YES	NO
NATURAL AREAS MAP - 1.1307a(2) Officially Designated Wildlife Preserve	CA ACEC	1	NO	NO
NATURAL AREAS MAP - 1.1307a(2) Officially Designated Wildlife Preserve	US NCED	1	NO	NO
NATURAL AREAS MAP - 1.1307a(2) Officially Designated Wildlife Preserve	US ACEC	1	NO	NO
NATURAL AREAS MAP - 1.1307a(2) Officially Designated Wildlife Preserve	US Scenic River	1	NO	NO
NATURAL AREAS MAP - 1.1307a(2) Officially Designated Wildlife Preserve	CA Land Ownership	1	YES	NO
NATURAL AREAS MAP - 1.1307a(2) Officially Designated Wildlife Preserve	US Critical Water Habitat	1	NO	NO
NATURAL AREAS MAP - 1.1307a(2) Officially Designated Wildlife Preserve	US Critical Land Habitat	1	NO	NO
NATURAL AREAS MAP - 1.1307a(3) Threatened or Endangered Species or Critical Habitat	US Endangered Species	County	YES	N/A
NATURAL AREAS MAP - 1.1307a(3) Threatened or Endangered Species or Critical Habitat	CA Endangered Species	1	YES	YES
HISTORIC SITES MAP - 1.1307a (4) Listed or eligible for National Register	CA Historic Landmarks	1	YES	NO
HISTORIC SITES MAP - 1.1307a (4) Listed or eligible for National Register	Natchez Trace National Scenic	1	NO	NO
HISTORIC SITES MAP - 1.1307a (4) Listed or eligible for National Register	Potomac Heritage National Scenic	1	NO	NO
HISTORIC SITES MAP - 1.1307a (4) Listed or eligible for National Register	Indian Reservations	1	NO	NO
HISTORIC SITES MAP - 1.1307a (4) Listed or eligible for National Register	US Trails	1	NO	NO
HISTORIC SITES MAP - 1.1307a (4) Listed or eligible for National Register	National Register of Historic Places	1	YES	NO
FLOODPLAIN MAP - 1.1307 (6) Located in a Flood Plain	FLOODPLAIN	1	NO	NO



**8.0 NON-SCOPE SERVICES (continued)**  
**8.4 NEPA CHECKLIST (continued)**

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
WETLANDS MAP - 1.1307 (7) Change in surface features (wetland fill)	NWI	1	YES	YES
WETLANDS MAP - 1.1307 (7) Change in surface features (wetland fill)	CA COASTAL ZONE	20	YES	NO
FCC & FAA SITES MAP	Cellular	1	NO	NO
FCC & FAA SITES MAP	Antenna Structure Registration	1	YES	NO
FCC & FAA SITES MAP	AM Antenna	1	NO	NO
FCC & FAA SITES MAP	FM Antenna	1	YES	NO
FCC & FAA SITES MAP	FAA DOF	1	YES	NO
FCC & FAA SITES MAP	Airports	1	YES	NA
FCC & FAA SITES MAP	Power Lines	1	YES	NA

The information in the NEPA Search Map Report summarized in the table above is presented in more detail in the following section. Information regarding Wetlands is found in section 8.5. This information is provided for use by the USER and Ecobility recommends consulting with an expert in National Environmental Protection Act and the California Environmental Quality Act on the findings of the NEPA Search Map Report in the acquisition of the Subject Property and the planning, design, and construction of any future development. Ecobility recommends that professionals with expertise in the areas of NEPA and CEQA regulations and land development be consulted. Areas of concern identified below may impact timing and costs for property development and therefore should be considered as part of acquisition decisions as well as the planning, design, and construction of any new development.

**Natural Areas Maps**

Federal Lands Data:

Officially designated wilderness areas as designated in 47 CFR 1.1307(1)

Officially designated wildlife preserves, sanctuaries, and refuges as designated in 47 CFR 1.1307(2)

Wild and scenic rivers as design 40 CFR 6.302(e)

Fish and wildlife as designated in 40 CFR 6.302

Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available) as designated in 47 CFR 1.1307(3); 40 CFR 6.302

A review of the Natural Area map and the summary table above identifies three issues within the search area 1 mile and one Countywide. One of these issues was identified within 1/8 mile of the Subject Property. California Protected Areas, California Land Ownership and and both US and California Endangered Species are identified within the search area. Numerous California and federal endangered species are present throughout Los Angeles County.

The Natural Areas Map (Appendix C) shows that California State Lands areas about the property to the west/northwest. The San Fernando spineflower, a California Endangered Species, has been identified from 0 to 1/2 mile of the Subject Property in this direction. This plant is ranked as rare, threatened or endangered in California and elsewhere; seriously threatened in California. Its Global Rank is G2T1 (Imperiled globally because of rarity (6-20 occurrences or few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction. It also has a State Rank of S1.1 - (Critically imperiled, Extremely rare. Typically 5 or fewer estimated occurrences in the state, or only a few remaining individuals, may be especially vulnerable to extirpated).

The coastal California gnatcatcher has also been identified from 1/4 to 1/2 mile west of the Subject Property. The gnatcatcher has a Federal Listing Status of Threatened. The western yellow-billed cuckoo is identified within 1/2 to 1 mile east to northeast of the Subject Property as both on the California Endangered Species List. This species is listed as S1 meaning critically imperiled and extremely rare or only a few remaining individuals, may be especially vulnerable to extirpation. A Hoary Bat was also identified 1/2 to 1 mile east to northeast of the Subject Property on the California Endangered Species List. The species does not have a federal or state listing status. It has a Global Rank of G5 - "a demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery". Its State Rank of S4? "Common, apparently secure under present conditions. Typically 100 or more estimated occurrences, but

**8.0 NON-SCOPE SERVICES (continued)**

**8.4 NEPA CHECKLIST (continued)**

**NEPA Summary (continued)**

may be fewer with many large populations, may be restricted to only a portion of the state, usually not susceptible to immediate threats."

North to Northeast of the Subject Property 1/4 to 1/2 mile is Carey Ranch Park a California Protected Area owned by the City of Los Angeles and other property owned by the City of Los Angeles. These properties are listed on both the California Protective Areas and California Land Ownership databases.

Brand Park approximately 1/2 to 1 mile south of the Subject Property is listed on the California Land Ownership and California Protected Areas databases.

Las Palmas Park, approximately 1/2 to 1 mile east to northeast of the Subject Property is also listed on the California Protected Areas and California Land Ownership databases. Other California Land Ownership and California Protected Areas are listed in the report within 1/2 to 1 mile of the Subject Property.

**Historic Sites Map (47 CFR 1.1307(4); 40 CFR 6.302)**

- National Register of Historic Places
- State Historic Places (where available)
- Indian Reservation

Ecobility reviewed the Historic Sites Map provided in the NEPA Search Map Report. The report did not identify historic sites, Federal Historic Areas, or State Historic Areas, or U.S. Indian Reservations within 1/2 mile of the Subject Property. Historic sites were identified between 1/2 and 1 mile south of the Subject Property and these included:

- Mission San Fernando Rey De Espaza, Lopez Adobe, Mission San Fernando Rey de Convento Building, at 15151 San Fernando Mission Boulevard, approximately 3056 feet (1/2 to 1 mile) south to southeast of the Subject Property,
- Brand Park (Memory Garden) at 15173 San Fernando Mission Boulevard, approximately 1/2 to 1 mile south of the Subject Property.

Although no historic sites were identified on the Subject Property, the Subject Property may have been once owned by the local San Fernando Mission.

**Flood Plain Map (47 CFR 1.307(6); 40 CFR 6.302)**

- National Flood Plain Data (where available)

A review of the Flood Plain Map shown in the NEPA Checklist report in Appendix C did not reveal a 100-year or 500-year flood zone in the vicinity of the Subject Property. The source of this information is the FEMA FIRM Flood Data. The Flood Plain panel for the Subject Property is identified as 06037C1075F.

**FCC & FAA Map (47 CFR 1.1307(8))**

- FCC antenna/tower sites, FAA Markings and Obstructions, Airports, Topographic gradient

For NEPA actions that come under the authority of the Federal Communication Commission (FCC), the FCC requires evaluation of Antenna towers and/or supporting structures that are to be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable law. Government records searched for this report include Cellular, Antenna Structure Registration, AM Antenna, FM Antenna, and Federal Aviation Administration (FAA) Digital Obstacle File (DOF), Airport Landing Facilities, Electric Power Transmission Line Data, and Excessive Radio Frequency Emission.

The closest listed site in the report is 1/8 to 1/4 from the Subject Property designation on the FCC & FAA Map. The site is listed as 1317 feet to the north/northwest. The FAA DOF database shows a catenary obstacle. The second listing is for a similar obstacle approximately 1514 feet north/northwest of the Subject Property designation. A number of other FAA DOF Catenary and Tower sites are within 1/4 to 1/2 mile of the Subject Property designation. A review of the

**8.0 NON-SCOPE SERVICES (continued)**

**8.4 NEPA CHECKLIST (continued)**

**NEPA Summary (continued)**

listings on the Antenna and Antenna Registration databases show a number of broadcasting towers within 1/4 to 1/2 mile of the Subject Property designation.

Two Heliports are also identified within proximity of the Subject Property including one at Providence Holy Cross Hospital to the southeast and the Department of Water and Power site in Granada Hills northwest of the Subject Property based on information in the AIRPORT database.

A power transmission line corridor is identified extending from south/southeast to the north/northwest along the eastern boundary of the Subject Property as well as extending west at a distance of approximately 1/8 to 1/4 mile north of the Subject Property. These are high voltage transmission lines. No tests were conducted to collect data on the presence or magnitude of electromagnetics, radiowaves or other issues that may be related to environmental or human health impacts from antennas or high voltage transmission lines.

**8.5 WETLANDS**

Ecobility reviewed the Wetlands information provided in the NEPA Search Map Report found in Appendix C and summarized in the Table in Section 8.4 of this report. This report is based on The Wetlands Map as defined in 47 CFR 1.1307(7); and the National Wetlands Inventory Data (where available) as defined in 40CFR 6.302. This report identifies two locations from the National Wetlands Inventory List 0 to 1/8 mile of Subject Property. The first location as identified on the map (Appendix C) corresponds with the wash along the eastern boundary of the property along and just west of the power transmission corridor and is described as approximately 340 feet east to northeast of the Subject Property designation on the map. The location is marked as in the System Palustrine, Class Emergent, and Temporarily Flooded (PEM1A). The Palustrine System includes all non tidal wetlands dominated by trees, shrubs, persistent emergents, emergent mosses or lichens, and all such wetlands that occur in tidal areas where salinity due to ocean-derived salts is below 0.5 ppt. It also includes wetlands lacking such vegetation, but with all of the following four characteristics: (1) area less than 8 ha (20 acres); (2) active wave-formed or bedrock shoreline features lacking; (3) water depth in the deepest part of basin less than 2.5 m (8.2 ft) at low water; and (4) salinity due to ocean-derived salts less than 0.5 ppt. The EM Class represents EMERGENT and is characterized by erect, rooted, herbaceous hydrophytes, excluding mosses and lichens. This vegetation is present for most of the growing season in most years. These wetlands are usually dominated by perennial plants. The subclass 1 is identified as Persistent dominated by species that normally remain standing at least until the beginning of the next growing season. This subclass is found only in the Estuarine and Palustrine systems. Finally the location has a modifier A for temporarily flooded indicating surface water is present for brief periods (from a few days to a few weeks) during the growing season, but the water table usually lies well below the ground surface for the most of the season.

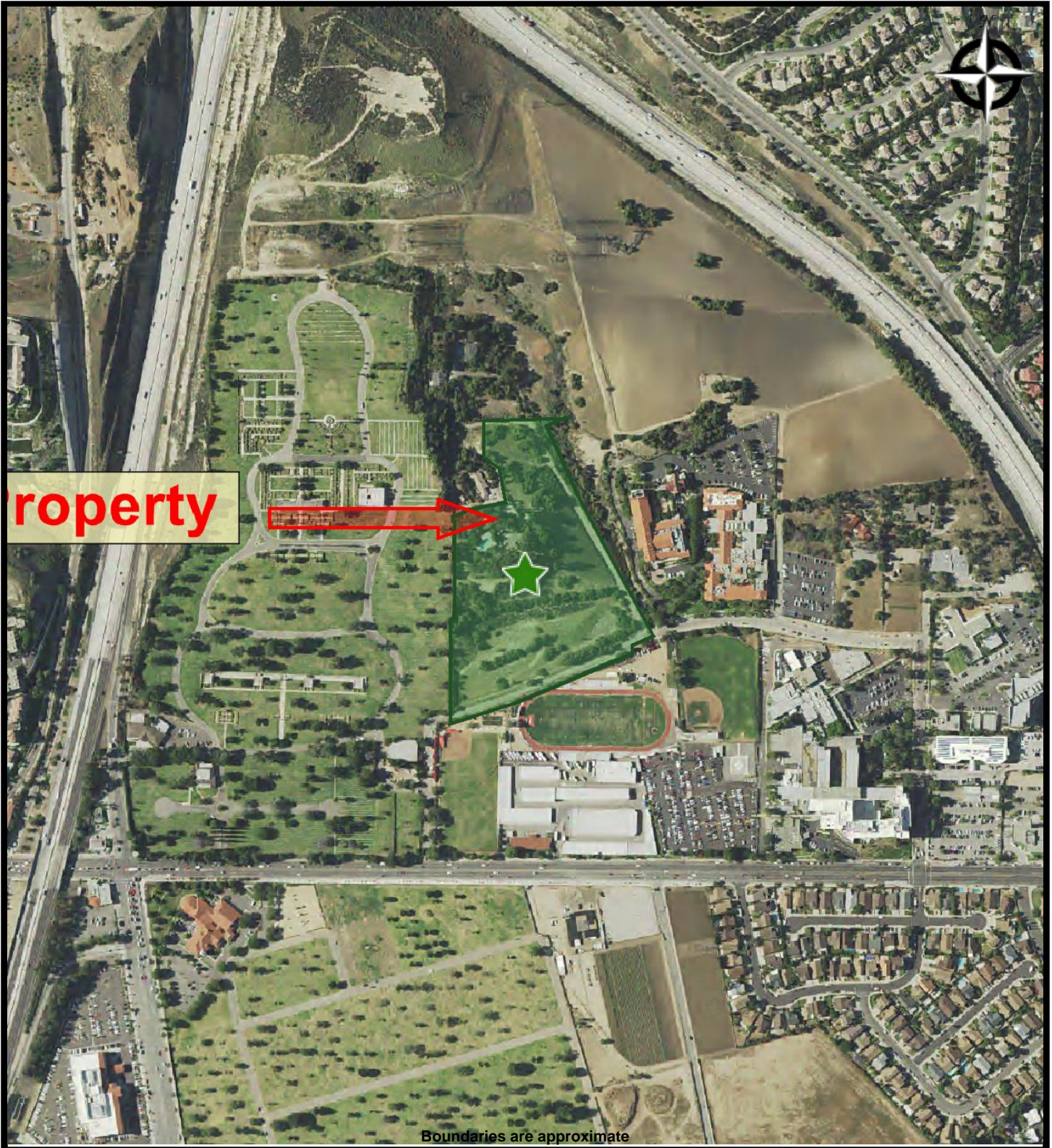
The second location is 381 feet northeast of the Subject Property designation on the map corresponding to the same wash. The listing identifies it as System Palustrine, Class Forested (FO), and Temporarily Flooded (PFOA). The remaining several locations are over 1/4 mile from the Subject Property. The presence of the above locations likely require further assessment prior to design and development.

The next closest National Wetlands Inventory designated site is 1/4 to 1/2 mile east to southeast from the Subject Property designation. The location is designated as R4SBAr or Riverine System which consists of all wetlands contained within a channel; Subsystem 4 or intermittent, Streambed Class; temporarily flooded, with artificial substrates. This location appears to correspond with the location of East Canyon Channel.

The presence of Wetlands on or near the Subject Property are environmental concerns that warrant further investigation as to the impact these environs have on costs and timing of any future development of the Subject Property.

**Appendix A:**  
**FIGURES**





**PROJECT LOCATION**  
**ARARAT HOME OF LOS ANGELES - 051-17-001-1**  
**15149, 15151 & Adjacent Parcel Mission Hills Road**  
**Mission Hills, California 91345**

**PREPARED FOR: Ararat Home of Los Angeles**

**PROJ. MGR: Susan Kirkgard**

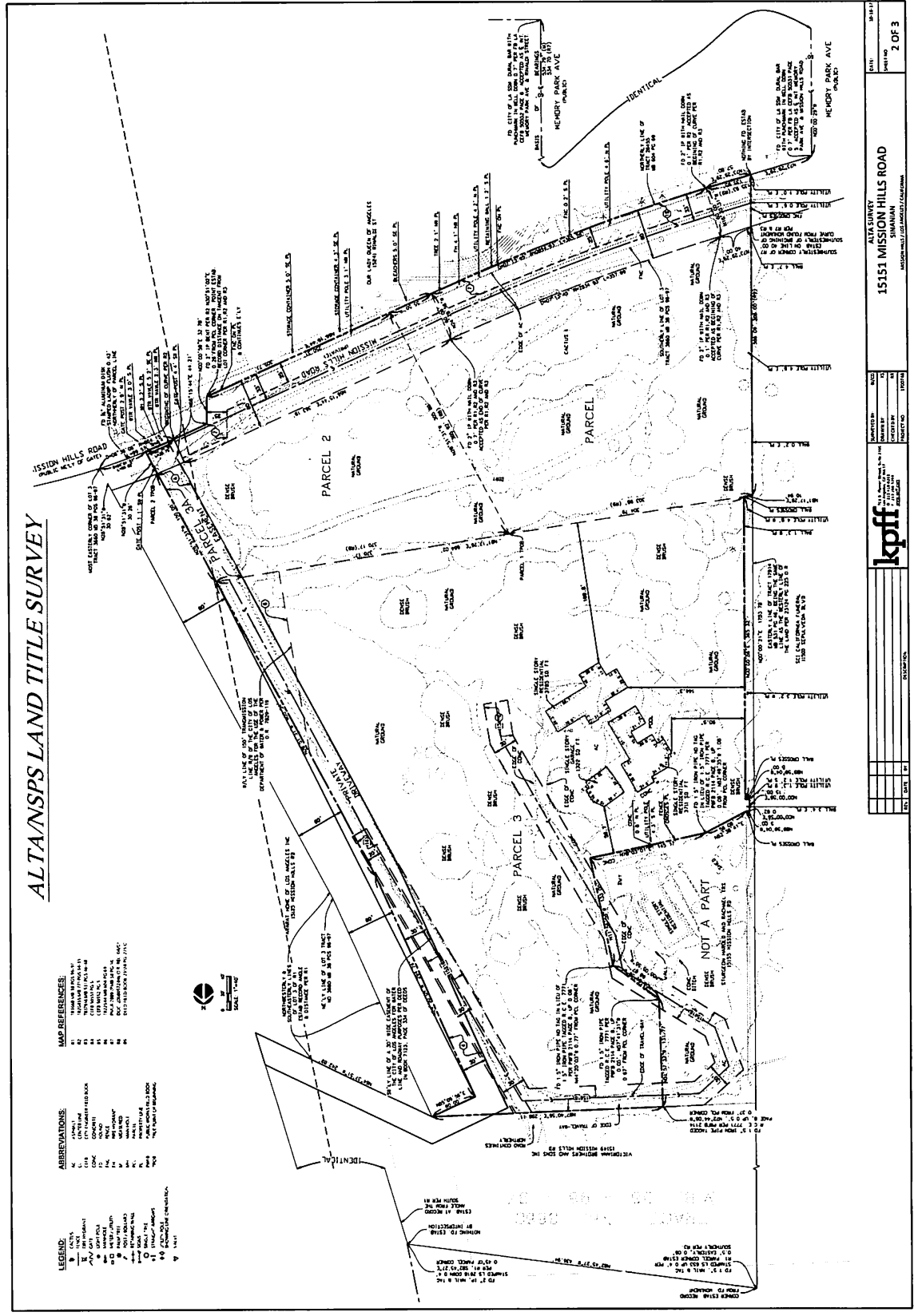
**DRAWN BY: Michael Mooradian**

**DATE: 11/16/2017**

**PROJ. #: 051-17-001-1**



# ALTA/NSPS LAND TITLE SURVEY



- LEGEND:**
- 1. CENTERLINE
  - 2. PROPERTY LINE
  - 3. EASEMENT LINE
  - 4. ENCROACHMENT LINE
  - 5. ADJACENT PROPERTY LINE
  - 6. UNDEVELOPED AREA
  - 7. UNDEVELOPED AREA
  - 8. UNDEVELOPED AREA
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- ABBREVIATIONS:**
- 1. CENTERLINE
  - 2. PROPERTY LINE
  - 3. EASEMENT LINE
  - 4. ENCROACHMENT LINE
  - 5. ADJACENT PROPERTY LINE
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- MAP REFERENCES:**
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PHONE: (310) 910-1499 FAX: (310) 377-3745

**SOIL LAYOUT MAP**  
 PHASE I ESA  
 15151 MISSION HILLS ROAD  
 MISSION HILLS, CALIFORNIA

PROJECT NO: 051-17-001-1  
 DATE: DECEMBER 13, 2017  
 DRAWN BY: C.M.  
 FILE NO:

ALTA SURVEY		DATE: 08-18-17
15151 MISSION HILLS ROAD		DRAWN BY: C.M.
MISSION HILLS, CALIFORNIA		FILE NO:
		2 OF 3

**Appendix B:**  
**PHOTOGRAPHS**



IMG\_0818 - Transmission lines along the eastern side of the property. Road runs along the eastern property boundary.



IMG\_0820 - Gate to adjoining property to the north.





IMG\_0821 - Entrance into the lower parcels off of Mission Road from the southeastern portion of the property.



IMG\_0822 - Entrance to the residence of 15151 Mission Road near the top of the property.



IMG\_0824 - Garage immediately north of the residence.



IMG\_0826 - Area with some standing water described by owner originating from the west adjoining cemetery.



IMG\_0827 - View from the residence to the northeast. Clearing northeast adjoining property.



IMG\_0828 - View east of the residence to the Ararat Home adjacent to the eastern boundary.



IMG\_0832 - View north of the residence to the garage.



IMG\_0837 - View east from the property to the Ararat Home.



IMG\_0838 - View south from the residence to ballfield on the south adjoining property.



IMG\_0817 - View from the southeast corner of the property northwest.



IMG\_0815 - Entrance into the property from the southeast corner of the property,



IMG\_0860 - Shop area on the north side of the garage.





IMG\_0862 - Shop interior



IMG\_0863 - Shop interior.



IMG\_0864 - Shop interior.



IMG\_0865 - Shop interior.



IMG\_0866 - Interior of Garage.



IMG\_0867 - Interior of Garage.



IMG\_0868 - Interior of Garage.



IMG\_0869 - Septic tank access point out side from door in driveway.



IMG\_0870 - ceiling tiles between the living room and dining rooms.



IMG\_0874 - View from main residence looking north to the pool house.



IMG\_0876 - Swimming Pool between the main and pool houses.



IMG\_0882 - View west along the southern road south of the southern parcels.





IMG\_0883 - View west from between the two lower parcels.



IMG\_0886 - View south from the southern parcels to Mission Road where cars are parked.



IMG\_0907 - 500 gallon above ground propane tank inside the entrance to the residential plot.



IMG\_0905 - Lower parcel viewing to the east toward the Ararat Home in the distance.



IMG\_0853 - Western portion of the upper parcel of the property.



IMG\_0850 - View of north adjoining property from the western portion of the Subject Property.



IMG\_0848 - Water tank on trailer for irrigation.



IMG\_0847 = West adjoining cemetery property.



IMG\_0846 - West adjoining cemetery property.



IMG\_0843 - View southeast toward Providence Hospital and the football field.



IMG\_0840 - View southeast toward Providence Hospital and the football field.



IMG\_0839 - View south from the upper parcel to the adjoining school soccer/football field.





IMG\_0849 - View east from the western portion of the property toward the pool house.



IMG\_0904 - View west to the western boundary of the property (wall in distance) separating Subject Property from the cemetery.



IMG\_0902 - View north from the lower western parcel toward the ravine.



IMG\_0897 - View east from the western lower parcel.



IMG\_0896 - View east from the western portion of the lower eastern parcel.



IMG\_0894 - View west from the eastern lower parcel to the western lower parcel.



IMG\_0893 - View west along the southern boundary.



IMG\_0892 - View north from between the two lower parcels to the upper parcel.



IMG\_0845 - Photo of revine in the western portion of the property from the upper parcel.



IMG\_0898 - View south from the northern portion of the lower parcels.

**Appendix C:**  
**HISTORICAL RESEARCH**

**Proposed Land Acquisition Mission Hills**

15149, 15151 & Adjacent Parcel Mission Hills Road  
Mission Hills, CA 91345

Inquiry Number: 5109258.6  
November 15, 2017

# The EDR Property Tax Map Report



## EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

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

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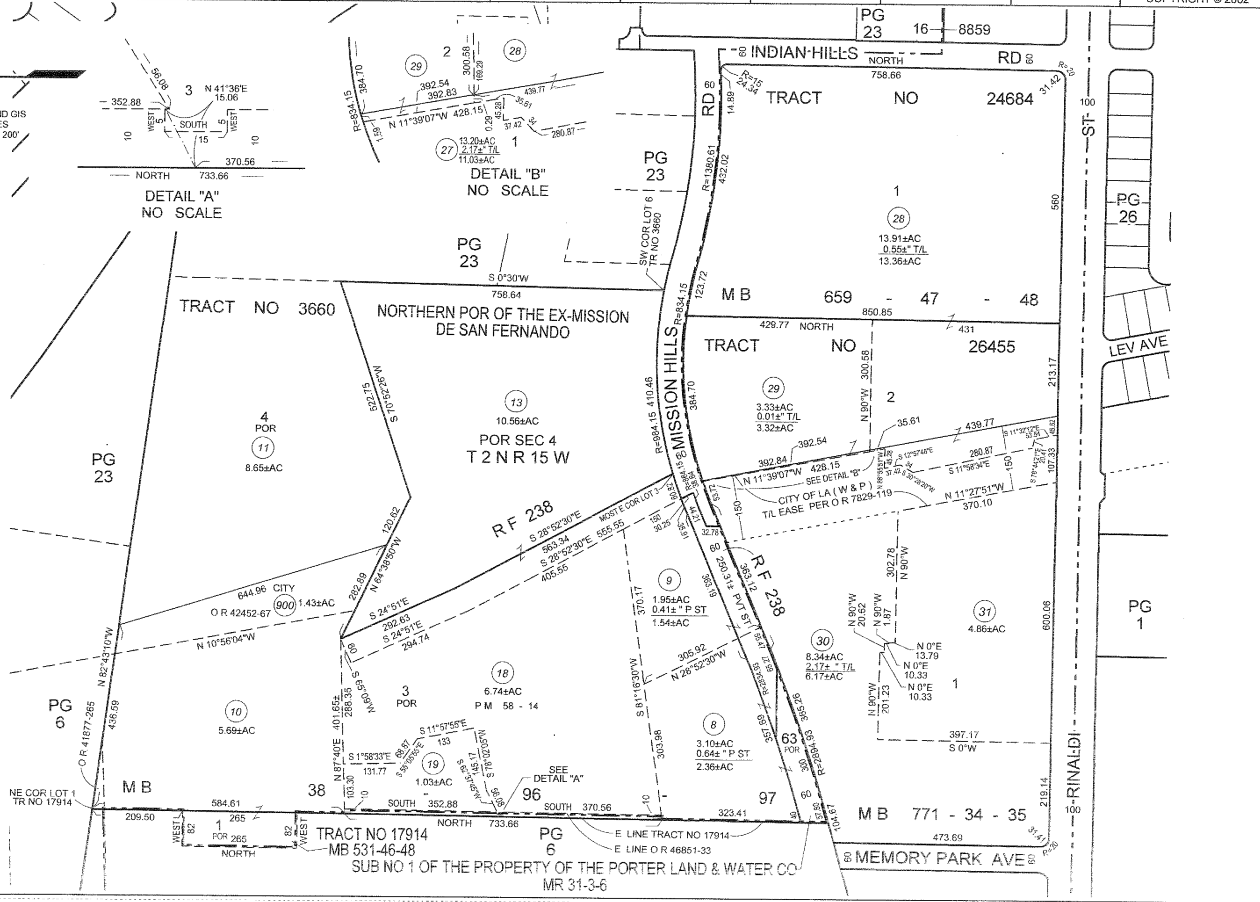
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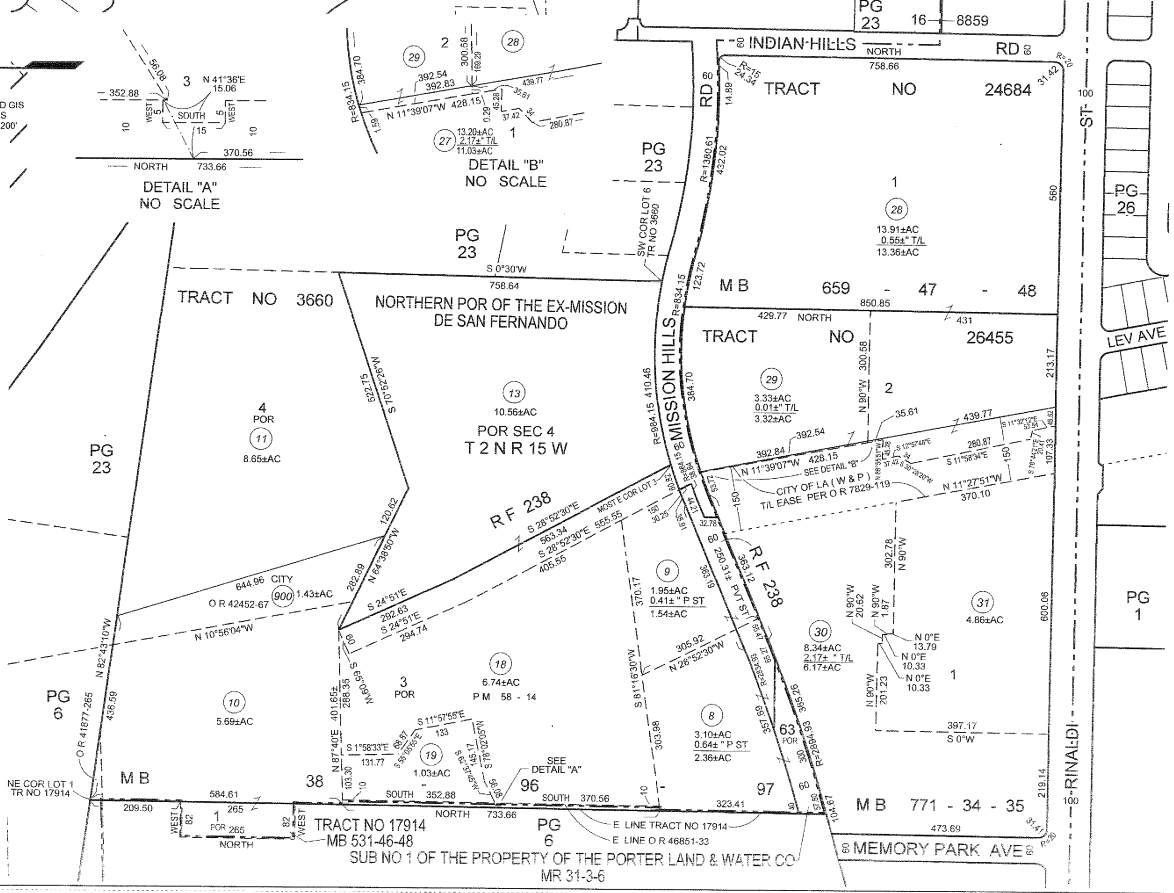
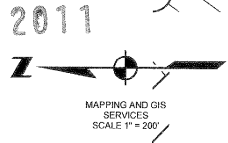
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MAPPING AND GIS  
SERVICES  
SCALE 1" = 200'



SUB NO 1 OF THE PROPERTY OF THE PORTER LAND & WATER CO  
MR 31-3-6



Proposed Land Acquisition Mission Hills  
15149, 15151 & Adjacent Parcel Mission Hills Road  
Mission Hills, CA 91345

Inquiry Number: 5109258.3

November 15, 2017

## Certified Sanborn® Map Report



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Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

11/15/17

**Site Name:**

Proposed Land Acquisition Mis  
15149, 15151 & Adjacent Parc  
Mission Hills, CA 91345  
EDR Inquiry # 5109258.3

**Client Name:**

Ecobility Corporation  
PO Box 2651  
Palos Verdes Peninsula, CA 90274  
Contact: Michael Mooradian



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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 #** F604-4165-B276

**PO #** NA

**Project** 051-17-001-1

### UNMAPPED PROPERTY

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



Sanborn® Library search results

Certification #: F604-4165-B276

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
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**Proposed Land Acquisition Mission Hills**

15149, 15151 & Adjacent Parcel Mission Hills Road  
Mission Hills, CA 91345

Inquiry Number: 5109258.14s  
November 15, 2017

# EDR NEPASearch™ Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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***Thank you for your business.***  
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## EDR NEPA Search DESCRIPTION

The National Environmental Policy Act of 1969 (NEPA) requires that Federal agencies include in their decision-making processes appropriate and careful consideration of all environmental effects and actions, analyze potential environmental effects of proposed actions and their alternatives for public understanding and scrutiny, avoid or minimize adverse effects of proposed actions, and restore and enhance environmental quality as much as possible.

The EDR NEPA Search Map Report provides information which may be used, in conjunction with additional research, to determine whether a proposed site or action will have significant environmental effect.

### TARGET PROPERTY ADDRESS

PROPOSED LAND ACQUISITION MISSION HILLS Inquiry #: 5109258.14s  
15149, 15151 & ADJACENT PARCEL MISSION HILLS ROAD/15/17  
MISSION HILLS, CA 91345

### TARGET PROPERTY COORDINATES

Latitude (North): 34.282082 - 34° 16' 55.5"  
Longitude (West): 118.463860 - 118° 27' 49.9"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 365255.4  
UTM Y (Meters): 3794207.5

The report provides maps and data for the following items (where available). Search results are provided in the Map Findings Summary on page 2 of this report.

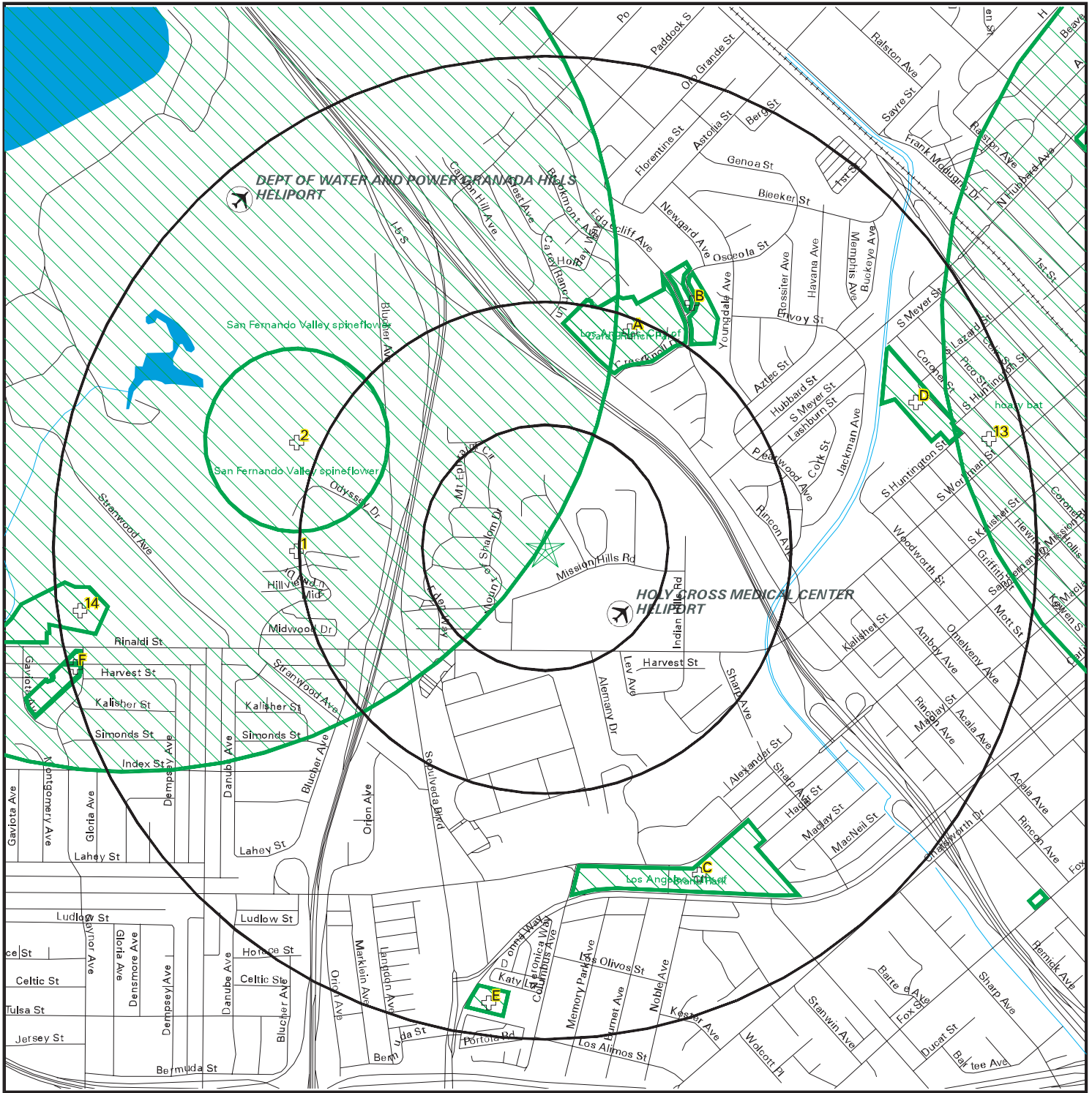
<b>Section</b>	<b>Regulation</b>
<b>Natural Areas Map</b>	
• Federal Lands Data:	
- Officially designated wilderness areas	47 CFR 1.1307(1)
- Officially designated wildlife preserves, sanctuaries and refuges	47 CFR 1.1307(2)
- Wild and scenic rivers	40 CFR 6.302(e)
- Fish and Wildlife	40 CFR 6.302
• Threatened or Endangered Species, Fish and Wildlife, Critical Habitat Data (where available)	47 CFR 1.1307(3); 40 CFR 6.302
<b>Historic Sites Map</b>	
• National Register of Historic Places	47 CFR 1.1307(4); 40 CFR 6.302
• State Historic Places (where available)	
• Indian Reservations	
<b>Flood Plain Map</b>	
• National Flood Plain Data (where available)	47 CFR 1.1307(6); 40 CFR 6.302
<b>Wetlands Map</b>	
• National Wetlands Inventory Data (where available)	47 CFR 1.1307(7); 40 CFR 6.302
<b>FCC &amp; FAA Map</b>	
• FCC antenna/tower sites, FAA Markings and Obstructions, Airports, Topographic gradient	47 CFR 1.1307(8)
<b>Key Contacts and Government Records Searched</b>	

## MAP FINDINGS SUMMARY

The databases searched in this report are listed below. Database descriptions and other agency contact information is contained in the Key Contacts and Government Records Searched section on page 110 of this report.

Applicable Regulation from 47 CFR/FCC Checklist	Database	Search Distance (Miles)	Within Search	Within 1/8 Mile
<b><u>NATURAL AREAS MAP</u></b>				
1.1307a (1) Officially Designated Wilderness Area	US Federal Lands	1.00	NO	NO
	US Wilderness Preservation	1.00	NO	NO
1.1307a (2) Officially Designated Wildlife Preserve	US Federal Lands	1.00	NO	NO
	CA PCT Lands	1.00	NO	NO
	CA Conservation Easement	1.00	NO	NO
	CA Protected Areas	1.00	YES	NO
	CA ACEC	1.00	NO	NO
	US NCED	1.00	NO	NO
	US ACEC	1.00	NO	NO
	US Scenic River	1.00	NO	NO
	CA Land Ownership	1.00	YES	NO
	US Critical Water Habitat	1.00	NO	NO
	US Critical Land Habitat	1.00	NO	NO
1.1307a (3) Threatened or Endangered Species or Critical Habitat	US Endangered Species	County	YES	N/A
1.1307a (3) Threatened or Endangered Species or Critical Habitat	CA Endangered Species	1.00	YES	YES
<b><u>HISTORIC SITES MAP</u></b>				
1.1307a (4) Listed or eligible for National Register	CA Historic Landmarks	1.00	YES	NO
1.1307a (4) Listed or eligible for National Register	Natchez Trace National Scenic	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	Potomac Heritage National Scen	1.00	NO	NO
	Indian Reservations	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	US Trails	1.00	NO	NO
1.1307a (4) Listed or eligible for National Register	National Register of Hist. Pla	1.00	YES	NO
<b><u>FLOODPLAIN MAP</u></b>				
1.1307 (6) Located in a Flood Plain	FLOODPLAIN	1.00	NO	NO
<b><u>WETLANDS MAP</u></b>				
1.1307 (7) Change in surface features (wetland fill)	NWI	1.00	YES	YES
	CA COASTAL ZONE	20.00	YES	NO
<b><u>FCC &amp; FAA SITES MAP</u></b>				
	Cellular	1.00	NO	NO
	Antenna Structure Registration	1.00	YES	NO
	AM Antenna	1.00	NO	NO
	FM Antenna	1.00	YES	NO
	FAA DOF	1.00	YES	NO
	Airports	1.00	YES	---
	Power Lines	1.00	YES	---

# Natural Areas Map



- |                   |                           |
|-------------------|---------------------------|
| ★ Target Property | ⊕ Locations               |
| ≡ Roads           | ▨ Federal Areas           |
| ≡ County Boundary | ≡ Federal Linear Features |
| ≡ Waterways       | ▨ State Areas             |
| ■ Water           | ≡ State Linear Features   |
| ✈ Airports        |                           |



**SITE NAME:** Proposed Land Acquisition Mission Hills  
**ADDRESS:** 15149, 15151 & Adjacent Parcel Mission Hills Road  
 Mission Hills CA 91345  
**LAT/LONG:** 34.28208 / 118.463863

**CLIENT:** Ecobility Corporation  
**CONTACT:** Michael Mooradian  
**INQUIRY #:** 5109258.14s  
**DATE:** November 15, 2017

# NATURAL AREAS MAP FINDINGS

## Federal Endangered Species from the U.S. Fish and Wildlife for LOS ANGELES County

### Group:Amphibians

Common Name: California red-legged frog  
Status: Threatened

Scientific Name: *Rana draytonii*

Common Name: Mountain yellow-legged frog  
Status: Endangered

Scientific Name: *Rana muscosa*

Common Name: Arroyo (=arroyo southwestern) toad  
Status: Endangered

Scientific Name: *Anaxyrus californicus*

### Group:Birds

Common Name: Light-footed clapper rail  
Status: Endangered

Scientific Name: *Rallus longirostris levipes*

Common Name: San Clemente loggerhead shrike  
Status: Endangered

Scientific Name: *Lanius ludovicianus mearnsi*

Common Name: San Clemente sage sparrow  
Status: Threatened

Scientific Name: *Amphispiza belli clementeae*

Common Name: Least Bell's vireo  
Status: Endangered

Scientific Name: *Vireo bellii pusillus*

Common Name: Western snowy plover  
Status: Threatened

Scientific Name: *Charadrius alexandrinus nivosus*

Common Name: Marbled murrelet  
Status: Threatened

Scientific Name: *Brachyramphus marmoratus*

Common Name: Coastal California gnatcatcher  
Status: Threatened

Scientific Name: *Polioptila californica californica*

Common Name: Southwestern willow flycatcher  
Status: Endangered

Scientific Name: *Empidonax traillii extimus*

Common Name: No Common Name  
Status: Species of Concern

Scientific Name: *Coccyzus americanus ssp. occidentalis*

Common Name: California least tern  
Status: Endangered

Scientific Name: *Sterna antillarum browni*

Common Name: California condor  
Status: Endangered

Scientific Name: *Gymnogyps californianus*

Common Name: Yellow-billed Cuckoo  
Status: Threatened

Scientific Name: *Coccyzus americanus*

Common Name: Xantus's Murrelet  
Status: Candidate

Scientific Name: *Synthliboramphus hypoleucus*

### Group:Crustaceans

Common Name: Riverside fairy shrimp  
Status: Endangered

Scientific Name: *Streptocephalus woottoni*

Common Name: Vernal pool fairy shrimp

Scientific Name: *Branchinecta lynchi*

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for LOS ANGELES County (Continued...)

Status: Threatened

#### Group:Fishes

Common Name: Tidewater goby  
Status: Endangered

Scientific Name: *Eucyclogobius newberryi*

Common Name: Santa Ana sucker  
Status: Threatened

Scientific Name: *Catostomus santaanae*

Common Name: Unarmored threespine stickleback  
Status: Endangered

Scientific Name: *Gasterosteus aculeatus williamsoni*

#### Group:Flowering Plants

Common Name: San Clemente Island bush-mallow  
Status: Endangered

Scientific Name: *Malacothamnus clementinus*

Common Name: Spreading navarretia  
Status: Threatened

Scientific Name: *Navarretia fossalis*

Common Name: Slender-horned spineflower  
Status: Endangered

Scientific Name: *Dodecahema leptoceras*

Common Name: San Fernando Valley Spineflower  
Status: Candidate

Scientific Name: *Chorizanthe parryi* var. *fernandina*

Common Name: Verity's dudleya  
Status: Threatened

Scientific Name: *Dudleya verityi*

Common Name: Santa Monica Mountains dudleyea  
Status: Threatened

Scientific Name: *Dudleya cymosa* ssp. *ovatifolia*

Common Name: Gambel's watercress  
Status: Endangered

Scientific Name: *Rorippa gambellii*

Common Name: Thread-leaved brodiaea  
Status: Threatened

Scientific Name: *Brodiaea filifolia*

Common Name: Nevin's barberry  
Status: Endangered

Scientific Name: *Berberis nevinii*

Common Name: Coastal dunes milk-vetch  
Status: Endangered

Scientific Name: *Astragalus tener* var. *titi*

Common Name: Ventura Marsh Milk-vetch  
Status: Endangered

Scientific Name: *Astragalus pycnostachyus* var. *lanosissimus*

Common Name: Braunton's milk-vetch  
Status: Endangered

Scientific Name: *Astragalus brauntonii*

Common Name: Catalina Island mountain-mahogany  
Status: Endangered

Scientific Name: *Cercocarpus traskiae*

Common Name: Marcescent dudleya  
Status: Threatened

Scientific Name: *Dudleya cymosa* ssp. *marcescens*

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for LOS ANGELES County (Continued...)

Common Name: San Clemente Island lotus (=broom)	Scientific Name: <i>Acmispon dendroideus</i> var. <i>traskiae</i> (=Lotus d. ssp. <i>traskiae</i> )
Status: Threatened	
Common Name: California Orcutt grass	Scientific Name: <i>Orcuttia californica</i>
Status: Endangered	
Common Name: San Clemente Island woodland-star	Scientific Name: <i>Lithophragma maximum</i>
Status: Endangered	
Common Name: Lyon's pentachaeta	Scientific Name: <i>Pentachaeta lyonii</i>
Status: Endangered	
Common Name: Santa Cruz Island rockcress	Scientific Name: <i>Sibara filifolia</i>
Status: Endangered	
Common Name: Marsh Sandwort	Scientific Name: <i>Arenaria paludicola</i>
Status: Endangered	
Common Name: San Clemente Island indian paintbrush	Scientific Name: <i>Castilleja grisea</i>
Status: Threatened	
Common Name: Salt marsh bird's-beak	Scientific Name: <i>Cordylanthus maritimus</i> ssp. <i>maritimus</i>
Status: Endangered	
Common Name: San Clemente Island larkspur	Scientific Name: <i>Delphinium variegatum</i> ssp. <i>kinkiense</i>
Status: Endangered	

#### Group:Insects

Common Name: Quino checkerspot butterfly	Scientific Name: <i>Euphydryas editha quino</i> (=E. e. <i>wrighti</i> )
Status: Endangered	
Common Name: El Segundo blue butterfly	Scientific Name: <i>Euphilotes battoides allyni</i>
Status: Endangered	
Common Name: Palos Verdes blue butterfly	Scientific Name: <i>Glaucopsyche lygdamus palosverdesensis</i>
Status: Endangered	

#### Group:Mammals

Common Name: Pacific pocket mouse	Scientific Name: <i>Perognathus longimembris pacificus</i>
Status: Endangered	
Common Name: Santa Catalina Island Fox	Scientific Name: <i>Urocyon littoralis catalinae</i>
Status: Endangered	
Common Name: San Bernardino Merriam's kangaroo rat	Scientific Name: <i>Dipodomys merriami parvus</i>
Status: Endangered	
Common Name: San Joaquin kit fox	Scientific Name: <i>Vulpes macrotis mutica</i>
Status: Endangered	

#### Group:Reptiles

Common Name: Green sea turtle	Scientific Name: <i>Chelonia mydas</i>
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# NATURAL AREAS MAP FINDINGS

## Federal Endangered Species from the U.S. Fish and Wildlife for LOS ANGELES County (Continued...)

Status: Threatened

Common Name: Olive ridley sea turtle  
Status: Threatened

Scientific Name: *Lepidochelys olivacea*

Common Name: Blunt-nosed leopard lizard  
Status: Endangered

Scientific Name: *Gambelia silus*

Common Name: Desert tortoise  
Status: Threatened

Scientific Name: *Gopherus agassizii*

Common Name: Leatherback sea turtle  
Status: Endangered

Scientific Name: *Dermochelys coriacea*

## Federal Endangered Species from the U.S. Fish and Wildlife for CA State

Group: Amphibians

Common Name: Western spadefoot  
Status: Under Review

Scientific Name: *Spea hammondi*

Common Name: Channel Islands slender salamander  
Status: Species of Concern

Scientific Name: *Batrachoseps pacificus pacificus*

Common Name: Limestone salamander  
Status: Under Review

Scientific Name: *Hydromantes brunus*

Common Name: Large-blotched ensatina  
Status: Species of Concern

Scientific Name: *Ensatina eschscholtzii klauberi*

Common Name: Oregon spotted frog  
Status: Threatened

Scientific Name: *Rana pretiosa*

Common Name: Lowland leopard (=San Felipe leopard) frog  
Status: Species of Concern

Scientific Name: *Rana yavapaiensis*

Common Name: Del Norte salamander  
Status: Species of Concern

Scientific Name: *Plethodon elongatus*

Common Name: Owens Valley web-toes salamander  
Status: Species of Concern

Scientific Name: *Hydromantes* sp.

Common Name: Mount Lyell salamander  
Status: Species of Concern

Scientific Name: *Hydromantes platycephalus*

Common Name: Foothill yellow-legged frog  
Status: Under Review

Scientific Name: *Rana boylei*

Common Name: Breckenridge Mountain slender salamander  
Status: Species of Concern

Scientific Name: *Batrachoseps* sp.

Common Name: California tiger Salamander  
Status: Endangered

Scientific Name: *Ambystoma californiense*

Common Name: Kern Plateau salamander  
Status: Under Review

Scientific Name: *Batrachoseps robustus*



## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Lesser slender salamander Status: Under Review	Scientific Name: <i>Batrachoseps minor</i>
Common Name: Yellow-blotched ensatina Status: Species of Concern	Scientific Name: <i>Ensatina eschscholtzii croceator</i>
Common Name: Northern red-legged frog Status: Species of Concern	Scientific Name: <i>Rana aurora aurora</i>
Common Name: Relictual slender salamander Status: Under Review	Scientific Name: <i>Batrachoseps relictus</i>
Common Name: Cascades frog Status: Under Review	Scientific Name: <i>Rana cascadae</i>
Common Name: Inyo Mountains slender salamander Status: Under Review	Scientific Name: <i>Batrachoseps campi</i>
Common Name: Shasta salamander Status: Under Review	Scientific Name: <i>Hydromantes shastae</i>
Common Name: Arizona toad Status: Under Review	Scientific Name: <i>Bufo microscaphus microscaphus</i>
Common Name: Kern Canyon slender salamander Status: Under Review	Scientific Name: <i>Batrachoseps simatus</i>
Common Name: Black toad Status: Species of Concern	Scientific Name: <i>Bufo exsul</i>
Common Name: Tailed frog Status: Species of Concern	Scientific Name: <i>Ascaphus truei</i>

#### Group: Arachnids

Common Name: Carlow's Cave pseudoscorpion Status: Species of Concern	Scientific Name: <i>Aphrastochthonius similis</i>
Common Name: Hom's micro-blind harvestman Status: Species of Concern	Scientific Name: <i>Microcina homi</i>
Common Name: Lum's micro-blind harvestman Status: Species of Concern	Scientific Name: <i>Microcina lumi</i>
Common Name: Edgewood blind harvestman Status: Species of Concern	Scientific Name: <i>Calcina minor</i>
Common Name: Lee's micro-blind harvestman Status: Species of Concern	Scientific Name: <i>Microcina leei</i>
Common Name: Jung's micro-blind harvestman Status: Under Review	Scientific Name: <i>Microcina jungi</i>
Common Name: Grubbs' cave pseudoscorpion Status: Species of Concern	Scientific Name: <i>Aphrastochthonius grubbsi</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Music Hall Cave pseudoscorpion Status: Species of Concern	Scientific Name: Pseudogarypus orpheus
Common Name: Lacey's cave pseudoscorpion Status: Species of Concern	Scientific Name: Larca laceyi
Common Name: Empire Cave pseudoscorpion Status: Species of Concern	Scientific Name: Microcreagris imperialis
Common Name: Santa Cruz telemid spider Status: Species of Concern	Scientific Name: Telema sp.
Common Name: Aalbu's cave pseudoscorpion Status: Species of Concern	Scientific Name: Archeolarca aalbui
Common Name: Monterey Dunes scorpion Status: Species of Concern	Scientific Name: Pauroctonus maritimus
Common Name: Tiburon micro-blind harvestman Status: Species of Concern	Scientific Name: Microcina tiburona

#### Group: Birds

Common Name: Xantus's Murrelet Status: Candidate	Scientific Name: Synthliboramphus hypoleucus
Common Name: Spotted Towhee Status: Species of Concern	Scientific Name: Pipilo maculatus clementae
Common Name: Cooper's hawk Status: Species of Concern	Scientific Name: Accipiter cooperii
Common Name: Grasshopper sparrow Status: Species of Concern	Scientific Name: Ammodramus savannarum ssp. perpallidus
Common Name: Black-backed woodpecker Status: Under Review	Scientific Name: picoides arcticus
Common Name: Tufted Puffin Status: Under Review	Scientific Name: Fratercula cirrhata
Common Name: Sharp shinned hawk Status: Species of Concern	Scientific Name: Accipiter striatus
Common Name: Common Yellowthroat Status: Species of Concern	Scientific Name: Geothlypis trichas sinuosa
Common Name: Yuma clapper rail Status: Endangered	Scientific Name: Rallus longirostris yumanensis
Common Name: Southwestern willow flycatcher Status: Endangered	Scientific Name: Empidonax traillii extimus
Common Name: Southern California rufous-crowned sparrow Status: Species of Concern	Scientific Name: Aimophila ruficeps canescens

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: California spotted Owl Status: Under Review	Scientific Name: <i>Strix occidentalis occidentalis</i>
Common Name: Tricolored blackbird Status: Under Review	Scientific Name: <i>Agelaius tricolor</i>
Common Name: San Joaquin LeConte's thrasher Status: Species of Concern	Scientific Name: <i>Toxostoma lecontei macmillanorum</i>
Common Name: Eagle Mountain scrub jay Status: Species of Concern	Scientific Name: <i>Aphelocoma coerulescens cana</i>
Common Name: Elegant tern Status: Species of Concern	Scientific Name: <i>Sterna elegans</i>
Common Name: Least bittern Status: Species of Concern	Scientific Name: <i>Ixobrychus exilis hesperis</i>
Common Name: Song Sparrow Status: Species of Concern	Scientific Name: <i>Melospiza melodia pusillula</i>
Common Name: Little willow flycatcher Status: Species of Concern	Scientific Name: <i>Empidonax traillii brewsteri</i>
Common Name: Song Sparrow Status: Species of Concern	Scientific Name: <i>Melospiza melodia samuelis</i>
Common Name: Large-billed savannah sparrow Status: Species of Concern	Scientific Name: <i>Passerculus sandwichensis rostratus</i>
Common Name: Black tern Status: Species of Concern	Scientific Name: <i>Chlidonias niger</i>
Common Name: Song Sparrow Status: Species of Concern	Scientific Name: <i>Melospiza melodia maxillaris</i>
Common Name: Fulvous whistling duck Status: Species of Concern	Scientific Name: <i>Dendrocygna bicolor</i>
Common Name: Belding's savannah sparrow Status: Species of Concern	Scientific Name: <i>Passerculus sandwichensis beldingi</i>
Common Name: Bell's sage sparrow Status: Species of Concern	Scientific Name: <i>Amphispiza belli belli</i>
Group: Conifers and Cycads	
Common Name: Monterey cypress Status: Species of Concern	Scientific Name: <i>Cupressus macrocarpa</i>
Common Name: Torrey, Del Mar pine Status: Species of Concern	Scientific Name: <i>Pinus torreyana torreyana</i>
Common Name: Tecate cypress Status: Species of Concern	Scientific Name: <i>Cupressus forbesii</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Bolander's beach pine Status: Species of Concern	Scientific Name: <i>Pinus contorta bolanderi</i>
Common Name: Monterey pine Status: Species of Concern	Scientific Name: <i>Pinus radiata</i>
Common Name: Torrey Island pine Status: Species of Concern	Scientific Name: <i>Pinus torreyana insularis</i>
Common Name: Mendocino cypress Status: Species of Concern	Scientific Name: <i>Cupressus goveniana pigmaea</i>
Common Name: Yellow cedar Status: Under Review	Scientific Name: <i>Callitropsis nootkatensis</i>

#### Group:Crustaceans

Common Name: [Unnamed] isopod Status: Species of Concern	Scientific Name: <i>Caecidotea tomalensis</i>
Common Name: Vernal pool tadpole shrimp Status: Endangered	Scientific Name: <i>Lepidurus packardi</i>
Common Name: Longhorn fairy shrimp Status: Endangered	Scientific Name: <i>Branchinecta longiantenna</i>
Common Name: California freshwater shrimp Status: Endangered	Scientific Name: <i>Syncaris pacifica</i>
Common Name: Mono Lake brine shrimp Status: Species of Concern	Scientific Name: <i>Artemia monica</i>
Common Name: Conservancy fairy shrimp Status: Endangered	Scientific Name: <i>Branchinecta conservatio</i>

#### Group:Ferns and Allies

Common Name: Crater Lake grap fern Status: Species of Concern	Scientific Name: <i>Botrychium pumicola nealleyi</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Botrychium crenulatum</i>

#### Group:Fishes

Common Name: Rough sculpin Status: Species of Concern	Scientific Name: <i>Cottus asperimus</i>
Common Name: Kern River rainbow trout Status: Species of Concern	Scientific Name: <i>Oncorhynchus mykiss gilberti</i>
Common Name: Steelhead Status: Endangered	Scientific Name: <i>Oncorhynchus (=Salmo) mykiss</i>
Common Name: Goose Lake redband trout Status: Species of Concern	Scientific Name: <i>Oncorhynchus mykiss ssp.</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Eagle Lake rainbow Trout Status: Under Review	Scientific Name: <i>Oncorhynchus mykiss aquilarum</i>
Common Name: Flannelmouth sucker Status: Species of Concern	Scientific Name: <i>Catostomus latipinnis</i>
Common Name: Steelhead Status: Under Review	Scientific Name: <i>Oncorhynchus (=Salmo) mykiss</i>
Common Name: longfin smelt Status: Candidate	Scientific Name: <i>Spirinchus thaleichthys</i>
Common Name: Benton Valley speckled dace Status: Species of Concern	Scientific Name: <i>Rhinichthys osculus ssp.</i>
Common Name: Jenny Creek sucker Status: Species of Concern	Scientific Name: <i>Catostomus rimiculus ssp.</i>
Common Name: Arroyo chub Status: Species of Concern	Scientific Name: <i>Gila orcuttii</i>
Common Name: Steelhead Status: Threatened	Scientific Name: <i>Oncorhynchus (=Salmo) mykiss</i>
Common Name: Owens speckled dace Status: Species of Concern	Scientific Name: <i>Rhinichthys osculus ssp.</i>
Common Name: Red Hills roach Status: Species of Concern	Scientific Name: <i>Lavinia symmetricus ssp.</i>
Common Name: Santa Ana speckled dace Status: Species of Concern	Scientific Name: <i>Rhinichthys osculus ssp.</i>
Common Name: Shoshone pupfish Status: Species of Concern	Scientific Name: <i>Cyprinodon nevadensis shoshone</i>
Common Name: Long Valley speckled dace Status: Species of Concern	Scientific Name: <i>Rhinichthys osculus ssp.</i>
Common Name: Klamath largescale sucker Status: Species of Concern	Scientific Name: <i>Catostomus snyderi</i>
Common Name: Goose Lake sucker Status: Species of Concern	Scientific Name: <i>Catostomus occidentalis lacusanserinus</i>
Common Name: Sacramento perch Status: Species of Concern	Scientific Name: <i>Archoplites interruptus</i>
Common Name: green sturgeon Status: Threatened	Scientific Name: <i>Acipenser medirostris</i>
Common Name: Pit roach Status: Species of Concern	Scientific Name: <i>Lavinia symmetricus mitrulus</i>
Common Name: Warner Valley redband trout Status: Species of Concern	Scientific Name: <i>Oncorhynchus mykiss ssp.</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Amargosa Canyon speckled dace      Scientific Name: *Rhinichthys osculus* ssp.  
Status: Species of Concern

Common Name: Russian River tule perch      Scientific Name: *Hysteroecarpus traskii* pomu  
Status: Species of Concern

Common Name: Goose Lake lamprey      Scientific Name: *Lampetra tridentata* ssp.  
Status: Species of Concern

Common Name: Gualala roach      Scientific Name: *Lavinia symmetricus parvipinnis*  
Status: Species of Concern

#### Group: Flowering Plants

Common Name: Marin dwarf-flax      Scientific Name: *Hesperolinon congestum*  
Status: Threatened

Common Name: Fleshy owl's-clover      Scientific Name: *Castilleja campestris* ssp. *succulenta*  
Status: Threatened

Common Name: Pine Hill ceanothus      Scientific Name: *Ceanothus roderickii*  
Status: Endangered

Common Name: Hoover's spurge      Scientific Name: *Chamaesyce hooveri*  
Status: Threatened

Common Name: Suisun thistle      Scientific Name: *Cirsium hydrophilum* var. *hydrophilum*  
Status: Endangered

Common Name: Vine Hill clarkia      Scientific Name: *Clarkia imbricata*  
Status: Endangered

Common Name: Soft bird's-beak      Scientific Name: *Cordylanthus mollis* ssp. *mollis*  
Status: Endangered

Common Name: Baker's larkspur      Scientific Name: *Delphinium bakeri*  
Status: Endangered

Common Name: Yellow larkspur      Scientific Name: *Delphinium luteum*  
Status: Endangered

Common Name: lone (incl. Irish Hill) buckwheat      Scientific Name: *Eriogonum apricum* (incl. var. *prostratum*)  
Status: Endangered

Common Name: Pine Hill flannelbush      Scientific Name: *Fremontodendron californicum* ssp. *decumbens*  
Status: Endangered

Common Name: El Dorado bedstraw      Scientific Name: *Galium californicum* ssp. *sierrae*  
Status: Endangered

Common Name: Sebastopol meadowfoam      Scientific Name: *Limnanthes vinculans*  
Status: Endangered

Common Name: San Joaquin Orcutt grass      Scientific Name: *Orcuttia inaequalis*  
Status: Threatened

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Sacramento Orcutt grass Status: Endangered	Scientific Name: <i>Orcuttia viscida</i>
Common Name: Pitkin Marsh lily Status: Endangered	Scientific Name: <i>Lilium pardalinum</i> ssp. <i>pitkinense</i>
Common Name: Few-flowered navarretia Status: Endangered	Scientific Name: <i>Navarretia leucocephala</i> ssp. <i>pauciflora</i> (=N. <i>pauciflora</i> )
Common Name: Many-flowered navarretia Status: Endangered	Scientific Name: <i>Navarretia leucocephala</i> ssp. <i>plieantha</i>
Common Name: Colusa grass Status: Threatened	Scientific Name: <i>Neostapfia colusana</i>
Common Name: Hairy Orcutt grass Status: Endangered	Scientific Name: <i>Orcuttia pilosa</i>
Common Name: Lake County stonecrop Status: Endangered	Scientific Name: <i>Parvisedum leiocarpum</i>
Common Name: Calistoga allocarya Status: Endangered	Scientific Name: <i>Plagiobothrys strictus</i>
Common Name: Napa bluegrass Status: Endangered	Scientific Name: <i>Poa napensis</i>
Common Name: Hartweg's golden sunburst Status: Endangered	Scientific Name: <i>Pseudobahia bahiifolia</i>
Common Name: San Joaquin adobe sunburst Status: Threatened	Scientific Name: <i>Pseudobahia peirsonii</i>
Common Name: Layne's butterweed Status: Threatened	Scientific Name: <i>Senecio layneae</i>
Common Name: Keck's Checker-mallow Status: Endangered	Scientific Name: <i>Sidalcea keckii</i>
Common Name: Kenwood Marsh checker-mallow Status: Endangered	Scientific Name: <i>Sidalcea oregana</i> ssp. <i>valida</i>
Common Name: Metcalf Canyon jewelflower Status: Endangered	Scientific Name: <i>Streptanthus albidus</i> ssp. <i>albidus</i>
Common Name: Presidio Manzanita Status: Endangered	Scientific Name: <i>Arctostaphylos hookeri</i> var. <i>ravenii</i>
Common Name: Sonoma sunshine Status: Endangered	Scientific Name: <i>Blennosperma bakeri</i>
Common Name: Tiburon mariposa lily Status: Threatened	Scientific Name: <i>Calochortus tiburonensis</i>
Common Name: Coyote ceanothus	Scientific Name: <i>Ceanothus ferrisiae</i>



## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Status: Endangered

Common Name: Sonoma spineflower  
Status: Endangered

Scientific Name: *Chorizanthe valida*

Common Name: Tiburon jewelflower  
Status: Endangered

Scientific Name: *Streptanthus niger*

Common Name: Hidden Lake bluecurls  
Status: Threatened

Scientific Name: *Trichostema austromontanum* ssp. *compactum*

Common Name: Fountain thistle  
Status: Endangered

Scientific Name: *Cirsium fontinale* var. *fontinale*

Common Name: Presidio clarkia  
Status: Endangered

Scientific Name: *Clarkia franciscana*

Common Name: Palmate-bracted bird's beak  
Status: Endangered

Scientific Name: *Cordylanthus palmatus*

Common Name: Tiburon paintbrush  
Status: Endangered

Scientific Name: *Castilleja affinis* ssp. *neglecta*

Common Name: Sonoma alopecurus  
Status: Endangered

Scientific Name: *Alopecurus aequalis* var. *sonomensis*

Common Name: lone manzanita  
Status: Threatened

Scientific Name: *Arctostaphylos myrtifolia*

Common Name: Pallid manzanita  
Status: Threatened

Scientific Name: *Arctostaphylos pallida*

Common Name: Solano grass  
Status: Endangered

Scientific Name: *Tuctoria mucronata*

Common Name: San Mateo thornmint  
Status: Endangered

Scientific Name: *Acanthomintha obovata* ssp. *duttonii*

Common Name: Clara Hunt's milk-vetch  
Status: Endangered

Scientific Name: *Astragalus clarianus*

Common Name: Chinese Camp brodiaea  
Status: Threatened

Scientific Name: *Brodiaea pallida*

Common Name: Mariposa pussypaws  
Status: Threatened

Scientific Name: *Calyptridium pulchellum*

Common Name: Stebbins' morning-glory  
Status: Endangered

Scientific Name: *Calystegia stebbinsii*

Common Name: White sedge  
Status: Endangered

Scientific Name: *Carex albida*

Common Name: Santa Clara Valley dudleya  
Status: Endangered

Scientific Name: *Dudleya setchellii*

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Island tree poppy Status: Species of Concern	Scientific Name: <i>Dendromecon rigida rhamnoides</i>
Common Name: Northcoast birds-beak Status: Species of Concern	Scientific Name: <i>Cordylanthus maritimus palustris</i>
Common Name: Loch Lomond coyote thistle Status: Endangered	Scientific Name: <i>Eryngium constancei</i>
Common Name: Red Hills vervain Status: Threatened	Scientific Name: <i>Verbena californica</i>
Common Name: San Francisco lessingia Status: Endangered	Scientific Name: <i>Lessingia germanorum</i> (=L.g. var. <i>germanorum</i> )
Common Name: Payson's jewelflower Status: Species of Concern	Scientific Name: <i>Caulanthus simulans</i>
Common Name: Santa Barbara false-lupine Status: Species of Concern	Scientific Name: <i>Thermopsis macrophylla agnina</i>
Common Name: Beaked clarkia Status: Species of Concern	Scientific Name: <i>Clarkia rostrata</i>
Common Name: Boundary Peak rock-cress Status: Species of Concern	Scientific Name: <i>Boechera pinzliae</i>
Common Name: Island jepsonia Status: Species of Concern	Scientific Name: <i>Jepsonia malvifolia</i>
Common Name: Channel Island tree poppy Status: Species of Concern	Scientific Name: <i>Dendromecon rigida</i> ssp. <i>harfordii</i>
Common Name: Springville clarkia Status: Threatened	Scientific Name: <i>Clarkia springvillensis</i>
Common Name: Pennell's bird's-beak Status: Endangered	Scientific Name: <i>Cordylanthus tenuis</i> ssp. <i>capillaris</i>
Common Name: Hollisteria Status: Species of Concern	Scientific Name: <i>Hollisteria lanata</i>
Common Name: Tuolumne fawn-lily Status: Species of Concern	Scientific Name: <i>Erythronium tuolumnense</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Holocarpa virgata elongata</i>
Common Name: Peirson's spring beauty Status: Species of Concern	Scientific Name: <i>Claytonia lanceolata peirsonii</i>
Common Name: Hispid birds-beak Status: Species of Concern	Scientific Name: <i>Cordylanthus mollis hispidus</i>
Common Name: Wart-stemmed ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus verrucosus</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Oso manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos osoensis</i>
Common Name: Dudley's lousewort Status: Species of Concern	Scientific Name: <i>Pedicularis dudleyi</i>
Common Name: Pierpoint Springs liveforever Status: Species of Concern	Scientific Name: <i>Dudleya cymosa costifolia</i>
Common Name: Mono milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus monoensis monoensis</i>
Common Name: Kern mallow Status: Endangered	Scientific Name: <i>Eremalche kernensis</i>
Common Name: San Mateo woolly sunflower Status: Endangered	Scientific Name: <i>Eriophyllum latilobum</i>
Common Name: Long-petaled lewisia Status: Species of Concern	Scientific Name: <i>Lewisia longipetala</i>
Common Name: Monterrey manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos montereyensis</i>
Common Name: [Unnamed] checkermallow Status: Species of Concern	Scientific Name: <i>Sidalcea malvaeflora patula</i>
Common Name: Howe's hedgehog cactus Status: Species of Concern	Scientific Name: <i>Echinocereus engelmannii howei</i>
Common Name: Tuolumne coyote-thistle Status: Species of Concern	Scientific Name: <i>Eryngium pinnatisectum</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Lessingia micradenia micradenia</i>
Common Name: Santa Catalina Island manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos catalinae</i>
Common Name: Cuyamaca raspberry Status: Species of Concern	Scientific Name: <i>Rubus glaucifolius ganderi</i>
Common Name: [Unnamed] milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus lentiformis</i>
Common Name: Brandegee eriastrum Status: Species of Concern	Scientific Name: <i>Eriastrum brandegeae</i>
Common Name: San Clemente Island brodiaea Status: Species of Concern	Scientific Name: <i>Triteleia clementina</i>
Common Name: Summer-holly Status: Species of Concern	Scientific Name: <i>Comarostaphylis diversifolia diversifolia</i>
Common Name: Borrego Valley peppergrass Status: Species of Concern	Scientific Name: <i>Lepidium flavum felipense</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Ahart's dwarf rush Status: Species of Concern	Scientific Name: <i>Juncus leiospermus</i> var. <i>ahartii</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Chorizanthe polygonoides longispina</i>
Common Name: San Francisco wallflower Status: Species of Concern	Scientific Name: <i>Erysimum franciscanum</i>
Common Name: Diablo rock-rose Status: Species of Concern	Scientific Name: <i>Helianthella castanea</i>
Common Name: Carmel Valley malacothrix Status: Species of Concern	Scientific Name: <i>Malacothrix saxatilis arachnoidea</i>
Common Name: Lupine, San Mateo tre Status: Species of Concern	Scientific Name: <i>Lupinus arboreus eximius</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Dendrographa leucophaea</i>
Common Name: Butte County meadowfoam Status: Endangered	Scientific Name: <i>Limnanthes floccosa</i> ssp. <i>californica</i>
Common Name: Bakersfield cactus Status: Endangered	Scientific Name: <i>Opuntia treleasei</i>
Common Name: Klamath manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos klamathensis</i>
Common Name: Laguna Mountains aster Status: Species of Concern	Scientific Name: <i>Machaeranthera asteroides lagunensis</i>
Common Name: Heart-leaved pitcher-sage Status: Species of Concern	Scientific Name: <i>Lepechinia cardiophylla</i>
Common Name: Caper-fruited tropidocarpum Status: Species of Concern	Scientific Name: <i>Tropidocarpum capparideum</i>
Common Name: Santiago Peak phacelia Status: Species of Concern	Scientific Name: <i>Phacelia suaveolens keckii</i>
Common Name: Panamint daisy Status: Species of Concern	Scientific Name: <i>Enceliopsis covillei</i>
Common Name: Shasta River mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus monanthus</i>
Common Name: Jaeger's bush milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus pachypus jaegeri</i>
Common Name: Mouse buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum nudum murinum</i>
Common Name: Ashy phacelia Status: Species of Concern	Scientific Name: <i>Phacelia distans</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Little mouselail Status: Species of Concern	Scientific Name: <i>Myosurus minimus apus</i>
Common Name: Orcutt's dudleya Status: Species of Concern	Scientific Name: <i>Dudleya attenuata orcuttii</i>
Common Name: Star-fruited, small stonecrop Status: Species of Concern	Scientific Name: <i>Sedum radiatum depauperatum</i>
Common Name: Bodie Hills draba Status: Species of Concern	Scientific Name: <i>Cusickiella quadricostata</i>
Common Name: Pappose spikeweed Status: Species of Concern	Scientific Name: <i>Hemizonia parryi congdonii</i>
Common Name: Hoover's rosinweed Status: Species of Concern	Scientific Name: <i>Calycadenia hooveri</i>
Common Name: Glandular dwarf-flax Status: Species of Concern	Scientific Name: <i>Hesperolinon adenophyllum</i>
Common Name: Otay lotus Status: Species of Concern	Scientific Name: <i>Lotus crassifolius otayensis</i>
Common Name: Kingston Mountains cinquefoil Status: Species of Concern	Scientific Name: <i>Ivesia patellifera</i>
Common Name: Bear Valley wooly-pod Status: Species of Concern	Scientific Name: <i>Astragalus leucolobus</i>
Common Name: Bellinger's meadowfoam Status: Species of Concern	Scientific Name: <i>Limnanthes floccosa bellingeriana</i>
Common Name: San Clemente Island milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus nevinii</i>
Common Name: Bear Valley pyrrocoma Status: Species of Concern	Scientific Name: <i>Pyrrocoma uniflora gossypina</i>
Common Name: Munz's mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus palmeri munzii</i>
Common Name: Orcutt's linanthus Status: Species of Concern	Scientific Name: <i>Linanthus orcuttii</i>
Common Name: Tiburon tarweed Status: Species of Concern	Scientific Name: <i>Hemizonia multicaulis vernalis</i>
Common Name: Warner Springs lessingia Status: Species of Concern	Scientific Name: <i>Lessingia glandulifera tomentosa</i>
Common Name: Descanso milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus oocarpus</i>
Common Name: Klamath gentian Status: Species of Concern	Scientific Name: <i>Gentiana plurisetosa</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Little San Bernardino Mountains gilia Status: Species of Concern	Scientific Name: <i>Gilia maculata</i>
Common Name: Mono Lake lupine Status: Species of Concern	Scientific Name: <i>Lupinus duranii</i>
Common Name: Suisun aster Status: Species of Concern	Scientific Name: <i>Aster chilensis lentus</i>
Common Name: Kruckeberg's jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus morrisonii kruckebergii</i>
Common Name: Ferris' milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus tener var. ferrisae</i>
Common Name: Salinas Valley popcornflower Status: Species of Concern	Scientific Name: <i>Plagiobothrys uncinatus</i>
Common Name: Twisselmann's nemacladus Status: Species of Concern	Scientific Name: <i>Nemacladus twisselmannii</i>
Common Name: Orange lupine Status: Species of Concern	Scientific Name: <i>Lupinus citrinus</i>
Common Name: Cuesta Pass sidalcea Status: Species of Concern	Scientific Name: <i>Sidalcea hickmanii anomala</i>
Common Name: San Francisco popcornflower Status: Species of Concern	Scientific Name: <i>Plagiobothrys torreyi var. diffusus</i>
Common Name: Catalina ironwood Status: Species of Concern	Scientific Name: <i>Lyonothamnus floribundus floribundus</i>
Common Name: Orcutt's brodiaea Status: Species of Concern	Scientific Name: <i>Brodiaea orcuttii</i>
Common Name: Parry's horkelia Status: Species of Concern	Scientific Name: <i>Horkelia parryi</i>
Common Name: Panamint Mountains lupine Status: Species of Concern	Scientific Name: <i>Lupinus magnificus magnificus</i>
Common Name: Mono Hot Springs evening-primrose Status: Species of Concern	Scientific Name: <i>Camissonia sierrae alticola</i>
Common Name: Forked fiddleneck Status: Species of Concern	Scientific Name: <i>Amsinckia vernicosa furcata</i>
Common Name: Jaeger's caulostramina Status: Species of Concern	Scientific Name: <i>Caulostramina jaegeri</i>
Common Name: San Bernardino butterweed Status: Species of Concern	Scientific Name: <i>Packera bernardina</i>
Common Name: Island tree mallow Status: Species of Concern	Scientific Name: <i>Lavatera assurgentiflora</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Wedge-leaved horkelia Status: Species of Concern	Scientific Name: <i>Horkelia cuneata sericea</i>
Common Name: Arroyo Seco bush-mallow Status: Species of Concern	Scientific Name: <i>Malacothamnus palmeri lucianus</i>
Common Name: Sand mesa manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos rudis</i>
Common Name: Sonoma ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus sonomensis</i>
Common Name: Santa Lucia manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos luciana</i>
Common Name: Refugio manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos refugioensis</i>
Common Name: Donner Pass buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum umbellatum torreyanum</i>
Common Name: Orcutt's bird's-beak Status: Species of Concern	Scientific Name: <i>Cordylanthus orcuttianus</i>
Common Name: Piute buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum breedlovei breedlovei</i>
Common Name: San Bernardino Mountains dudleya Status: Species of Concern	Scientific Name: <i>Dudleya abramsii affinis</i>
Common Name: Dwarf goldenstar Status: Species of Concern	Scientific Name: <i>Bloomeria humilis</i>
Common Name: Ojai fritillary Status: Species of Concern	Scientific Name: <i>Fritillaria ojaiensis</i>
Common Name: Humboldt Bay owl's clover Status: Species of Concern	Scientific Name: <i>Castilleja ambigua humboldtiensis</i>
Common Name: Prostrate hosackia Status: Species of Concern	Scientific Name: <i>Lotus nuttallianus</i>
Common Name: San Luis Obispo monardella Status: Species of Concern	Scientific Name: <i>Monardella frutescens</i>
Common Name: Closed-lip beardtongue Status: Species of Concern	Scientific Name: <i>Penstemon personatus</i>
Common Name: Velvety false-lupine Status: Species of Concern	Scientific Name: <i>Thermopsis macrophylla semota</i>
Common Name: Nuttall's scrub oak Status: Species of Concern	Scientific Name: <i>Quercus dumosa</i>
Common Name: San Gabriel manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos gabrielensis</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Hanaupah laphamia Status: Species of Concern	Scientific Name: <i>Perityle villosa</i>
Common Name: Seaside, Coulter's daisy Status: Species of Concern	Scientific Name: <i>Lasthenia glabrata coulteri</i>
Common Name: Sp. nov. ined. (chaparral) beargrass Status: Species of Concern	Scientific Name: <i>Nolina</i> sp.
Common Name: Palmer's mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus palmeri palmeri</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Ivesia longibracteata</i>
Common Name: Ertter's milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus erterae</i>
Common Name: Heartscale Status: Species of Concern	Scientific Name: <i>Atriplex cordulata</i>
Common Name: Mt. Eddy draba Status: Species of Concern	Scientific Name: <i>Draba carnosula</i>
Common Name: Shirley Meadows mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus westonii</i>
Common Name: Candleholder dudleya Status: Species of Concern	Scientific Name: <i>Dudleya candelabrum</i>
Common Name: Santa Cruz gooseberry Status: Species of Concern	Scientific Name: <i>Ribes thacherianum</i>
Common Name: Munz cholla Status: Species of Concern	Scientific Name: <i>Opuntia munzii</i>
Common Name: Lakeside ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus cyaneus</i>
Common Name: Point Reyes meadowfoam Status: Species of Concern	Scientific Name: <i>Limnanthes douglasii sulphurea</i>
Common Name: Los Angeles sunflower Status: Species of Concern	Scientific Name: <i>Helianthus nuttallii parishii</i>
Common Name: Howell's lewisia Status: Species of Concern	Scientific Name: <i>Lewisia cotyledon howellii</i>
Common Name: Santa Barbara Island cream cups Status: Species of Concern	Scientific Name: <i>Platystemon californicus ciliatus</i>
Common Name: Island snapdragon Status: Species of Concern	Scientific Name: <i>Gambelia speciosa</i>
Common Name: Adobe sanicle Status: Species of Concern	Scientific Name: <i>Sanicula maritima</i>



## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Nissenan manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos nissenana</i>
Common Name: Parish's rock-cress Status: Species of Concern	Scientific Name: <i>Arabis parishii</i>
Common Name: Tiehm's rock-cress Status: Species of Concern	Scientific Name: <i>Arabis tiehmii</i>
Common Name: Yosemite wooly-sunflower Status: Species of Concern	Scientific Name: <i>Eriophyllum nubigenum</i>
Common Name: Jones layia Status: Species of Concern	Scientific Name: <i>Layia jonesii</i>
Common Name: White bear desert-poppy Status: Species of Concern	Scientific Name: <i>Arctomecon merriamii</i>
Common Name: Panamint dudleya Status: Species of Concern	Scientific Name: <i>Dudleya saxosa saxosa</i>
Common Name: Dunn's mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus dunnii</i>
Common Name: California dissanthelium Status: Species of Concern	Scientific Name: <i>Dissanthelium californicum</i>
Common Name: Temblor buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum temblorense</i>
Common Name: Shaw's agave Status: Species of Concern	Scientific Name: <i>Agave shawii</i>
Common Name: Pickering ivesia Status: Species of Concern	Scientific Name: <i>Ivesia pickeringii</i>
Common Name: Forked buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum bifurcatum</i>
Common Name: San Bernardino rock-cress Status: Species of Concern	Scientific Name: <i>Arabis breweri pecuniaria</i>
Common Name: Butterworth's buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum butterworthianum</i>
Common Name: Borrego aster Status: Species of Concern	Scientific Name: <i>Xylorhiza orcuttii</i>
Common Name: The Lassics lupine Status: Species of Concern	Scientific Name: <i>Lupinus constancei</i>
Common Name: Giant spanishneedle Status: Species of Concern	Scientific Name: <i>Palafoxia arida gigantea</i>
Common Name: San Clemente island bedstraw Status: Species of Concern	Scientific Name: <i>Galium catalinense acrispum</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Pecho manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos pechoensis</i>
Common Name: Lavin's milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus oophorus lavinii</i>
Common Name: Tahquitz ivesia Status: Species of Concern	Scientific Name: <i>Ivesia callida</i>
Common Name: Adder's-mouth Status: Species of Concern	Scientific Name: <i>Malaxis brachypoda</i>
Common Name: Black-flowered figwort Status: Species of Concern	Scientific Name: <i>Scrophularia atrata</i>
Common Name: Indian Valley brodiaea Status: Species of Concern	Scientific Name: <i>Brodiaea coronaria rosea</i>
Common Name: Alkali mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus striatus</i>
Common Name: Franciscan manzanita Status: Endangered	Scientific Name: <i>Arctostaphylos franciscana</i>
Common Name: Coast lily Status: Species of Concern	Scientific Name: <i>Lilium maritimum</i>
Common Name: Mt. Gleason paintbrush Status: Species of Concern	Scientific Name: <i>Castilleja gleasonii</i>
Common Name: Gander's pitcher-sage Status: Species of Concern	Scientific Name: <i>Lepechinia ganderi</i>
Common Name: Mt. Tamalpais thistle Status: Species of Concern	Scientific Name: <i>Cirsium hydrophilum vaseyi</i>
Common Name: Greene's mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus greenei</i>
Common Name: Yellow-tubered toothwort Status: Species of Concern	Scientific Name: <i>Cardamine nuttallii</i>
Common Name: Mendocino bush-mallow Status: Species of Concern	Scientific Name: <i>Malacothamnus mendocinensis</i>
Common Name: Mono phacelia Status: Species of Concern	Scientific Name: <i>Phacelia monoensis</i>
Common Name: Butte County catchfly Status: Species of Concern	Scientific Name: <i>Silene occidentalis longistipitata</i>
Common Name: Barton Flats horkelia Status: Species of Concern	Scientific Name: <i>Horkelia wilderae</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Ivesia jaegeri</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Rusby's desert-mallow Status: Species of Concern	Scientific Name: <i>Sphaeralcea rusbyi eremicola</i>
Common Name: Oregon fireweed Status: Species of Concern	Scientific Name: <i>Epilobium oreganum</i>
Common Name: Pallid birds-beak Status: Species of Concern	Scientific Name: <i>Cordylanthus tenuis pallescens</i>
Common Name: San Clemente Island evening-primrose Status: Species of Concern	Scientific Name: <i>Camissonia guadalupensis clementina</i>
Common Name: Carmel Valley bush-mallow Status: Species of Concern	Scientific Name: <i>Malacothamnus palmeri involucratus</i>
Common Name: Coast wallflower Status: Species of Concern	Scientific Name: <i>Erysimum ammophilum</i>
Common Name: Hutchinson's delphinium Status: Species of Concern	Scientific Name: <i>Delphinium hutchinsonae</i>
Common Name: Otay manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos otayensis</i>
Common Name: Jacumba milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus douglasii perstrictus</i>
Common Name: Santa Susana tarweed Status: Species of Concern	Scientific Name: <i>Hemizonia minthornii</i>
Common Name: Santa Lucia pogogyne Status: Species of Concern	Scientific Name: <i>Pogogyne clareana</i>
Common Name: Moreno currant Status: Species of Concern	Scientific Name: <i>Ribes canthariforme</i>
Common Name: Pine City stonecrop Status: Species of Concern	Scientific Name: <i>Sedum pinetorum</i>
Common Name: [Unnamed] milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus tegetarioides</i>
Common Name: Cienega Seca oxytheca Status: Species of Concern	Scientific Name: <i>Oxytheca parishii ciengensis</i>
Common Name: Tracy's sanicle Status: Species of Concern	Scientific Name: <i>Sanicula tracyi</i>
Common Name: Tulare horkelia Status: Species of Concern	Scientific Name: <i>Horkelia tularensis</i>
Common Name: Palmer's haplopappus Status: Species of Concern	Scientific Name: <i>Haplopappus palmeri palmeri</i>
Common Name: Northcoast semaphore grass Status: Species of Concern	Scientific Name: <i>Pleuropogon hooverianus</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Mt. Hamilton jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus callistus</i>
Common Name: Recurved larkspur Status: Species of Concern	Scientific Name: <i>Delphinium recurvatum</i>
Common Name: Hospital Canyon larkspur Status: Species of Concern	Scientific Name: <i>Delphinium californicum interius</i>
Common Name: Island wallflower Status: Species of Concern	Scientific Name: <i>Erysimum insulare insulare</i>
Common Name: Talus fritillary Status: Species of Concern	Scientific Name: <i>Fritillaria falcata</i>
Common Name: Mendocino gentian Status: Species of Concern	Scientific Name: <i>Gentiana setigera</i>
Common Name: Lost Hills saltbush Status: Species of Concern	Scientific Name: <i>Atriplex vallicola</i>
Common Name: Vine Hill manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos densiflora</i>
Common Name: Bolander's horkelia Status: Species of Concern	Scientific Name: <i>Horkelia bolanderi</i>
Common Name: Howell's montia Status: Species of Concern	Scientific Name: <i>Montia howellii</i>
Common Name: July gold Status: Species of Concern	Scientific Name: <i>Dedeckera eurekaensis</i>
Common Name: Santa Catalina figwort Status: Species of Concern	Scientific Name: <i>Scrophularia villosa</i>
Common Name: Ahart's whitlow-wort Status: Species of Concern	Scientific Name: <i>Paronychia ahartii</i>
Common Name: Fern-leaved ironwood Status: Species of Concern	Scientific Name: <i>Lyonothamnus floribundus asplenifolius</i>
Common Name: The Lassics sandwort Status: Species of Concern	Scientific Name: <i>Minuartia decumbens</i>
Common Name: Fremont's rosinweed Status: Species of Concern	Scientific Name: <i>Calycadenia fremontii</i>
Common Name: Valley spearscale Status: Species of Concern	Scientific Name: <i>Atriplex joaquiniana</i>
Common Name: Secund jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus glandulosus hoffmanii</i>
Common Name: Plumas ivesia Status: Species of Concern	Scientific Name: <i>Ivesia sericoleuca</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Arid northern clarkia Status: Species of Concern	Scientific Name: <i>Clarkia borealis arida</i>
Common Name: Bonny Doon manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos silvicola</i>
Common Name: Santa Catalina monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus traskiae</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Eschscholzia multiflora twisselmannii</i>
Common Name: Barstow wooly-sunflower Status: Species of Concern	Scientific Name: <i>Eriophyllum mohavense</i>
Common Name: Pitkin Marsh paintbrush Status: Species of Concern	Scientific Name: <i>Castilleja uliginosa</i>
Common Name: Pleasant Valley mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus clavatus avius</i>
Common Name: Short-jointed beavertail cactus Status: Species of Concern	Scientific Name: <i>Opuntia basilaris brachyclada</i>
Common Name: San Bernardino Mountains monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus exiguus</i>
Common Name: Scott Valley phacelia Status: Species of Concern	Scientific Name: <i>Phacelia greenei</i>
Common Name: San Luis serpentine dudleya Status: Species of Concern	Scientific Name: <i>Dudleya abramsii bettinae</i>
Common Name: Marble Mountain catchfly Status: Species of Concern	Scientific Name: <i>Silene marmorensis</i>
Common Name: Parrish's brittlescale Status: Species of Concern	Scientific Name: <i>Atriplex parishii</i>
Common Name: Flax-like monardella Status: Species of Concern	Scientific Name: <i>Monardella linoides oblonga</i>
Common Name: Western bog violet Status: Species of Concern	Scientific Name: <i>Viola primulifolia occidentalis</i>
Common Name: Johnston's buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum microthecum johnstonii</i>
Common Name: Whipple's monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus whipplei</i>
Common Name: Drymaria dwarf-flax Status: Species of Concern	Scientific Name: <i>Hesperolinon drymarioides</i>
Common Name: Jared's peppergrass Status: Species of Concern	Scientific Name: <i>Lepidium jaredii jaredii</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Crisp monardella Status: Species of Concern	Scientific Name: <i>Monardella crisp</i>
Common Name: Humboldt Bay gumplant Status: Species of Concern	Scientific Name: <i>Grindelia stricta blakei</i>
Common Name: Jointed buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum intrafractum</i>
Common Name: Charlotte's phacelia Status: Species of Concern	Scientific Name: <i>Phacelia nashiana</i>
Common Name: Heckner's lewisia Status: Species of Concern	Scientific Name: <i>Lewisia cotyledon heckneri</i>
Common Name: Munz's hedgehog cactus Status: Species of Concern	Scientific Name: <i>Echinocereus engelmannii munzii</i>
Common Name: Goldenbush Status: Species of Concern	Scientific Name: <i>Isocoma arguta</i>
Common Name: Bodie Hills rock-cress Status: Species of Concern	Scientific Name: <i>Arabis bodiensis</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Stylocline masonii</i>
Common Name: Compact cobweb thistle Status: Species of Concern	Scientific Name: <i>Cirsium occidentale compactum</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Teloschistes villosus</i>
Common Name: Peirson's morning-glory Status: Species of Concern	Scientific Name: <i>Calystegia peirsonii</i>
Common Name: The Cedars globe-lily Status: Species of Concern	Scientific Name: <i>Calochortus raichei</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Lessingia arachnoidea</i>
Common Name: Sierra Valley ivesia Status: Species of Concern	Scientific Name: <i>Ivesia aperta aperta</i>
Common Name: Ballona cinquefoil Status: Species of Concern	Scientific Name: <i>Potentilla multijuga</i>
Common Name: Silver-haired ivesia Status: Species of Concern	Scientific Name: <i>Ivesia argyrocoma</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Heterodermia erinacea</i>
Common Name: San Benito spineflower Status: Species of Concern	Scientific Name: <i>Chorizanthe biloba immemora</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Cedar Crest allocarya Status: Species of Concern	Scientific Name: <i>Plagiobothrys glyptocarpus modestus</i>
Common Name: Trinity phacelia Status: Species of Concern	Scientific Name: <i>Phacelia dalesiana</i>
Common Name: Kingston bedstraw Status: Species of Concern	Scientific Name: <i>Galium hilendiae kingstonense</i>
Common Name: Short-leaved dudleya Status: Species of Concern	Scientific Name: <i>Dudleya blochmaniae blochmaniae</i>
Common Name: [Unnamed] linanthus Status: Species of Concern	Scientific Name: <i>Linanthus concinnus</i>
Common Name: Point Reyes stickyseed Status: Species of Concern	Scientific Name: <i>Blennosperma nanum robustum</i>
Common Name: Mason's lilaeopsis Status: Species of Concern	Scientific Name: <i>Lilaeopsis masonii</i>
Common Name: Mojave tarweed Status: Species of Concern	Scientific Name: <i>Hemizonia mohavensis</i>
Common Name: Island hazardia Status: Species of Concern	Scientific Name: <i>Hazardia cana</i>
Common Name: Parish's gooseberry Status: Species of Concern	Scientific Name: <i>Ribes divaricatum parishii</i>
Common Name: Mt. Hamilton thistle Status: Species of Concern	Scientific Name: <i>Cirsium fontinale campylon</i>
Common Name: Conejo buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum crocatum</i>
Common Name: Masonic Mountain jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus oliganthus</i>
Common Name: Panamint Mountains buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum microthecum panamintense</i>
Common Name: Egg Lake monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus pygmaeus</i>
Common Name: Black wooly-pod Status: Species of Concern	Scientific Name: <i>Astragalus funereus</i>
Common Name: Cuyamaca larkspur Status: Species of Concern	Scientific Name: <i>Delphinium hesperium cuyamaca</i>
Common Name: Cooke's phacelia Status: Species of Concern	Scientific Name: <i>Phacelia cookei</i>
Common Name: Marin checkermallow Status: Species of Concern	Scientific Name: <i>Sidalcea hickmanii viridis</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Henderson's bentgrass Status: Species of Concern	Scientific Name: <i>Agrostis hendersonii</i>
Common Name: Nine Mile Canyon phacelia Status: Species of Concern	Scientific Name: <i>Phacelia novemmillensis</i>
Common Name: Curve-podded Mojave milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus mohavensis hemigyris</i>
Common Name: Freed's jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus brachiatus hoffmanii</i>
Common Name: Snake cholla Status: Species of Concern	Scientific Name: <i>Opuntia parryi serpentina</i>
Common Name: Wolf's evening-primrose Status: Species of Concern	Scientific Name: <i>Oenothera wolfii</i>
Common Name: Stephens' beardtongue Status: Species of Concern	Scientific Name: <i>Penstemon stephensii</i>
Common Name: Parish's phacelia Status: Species of Concern	Scientific Name: <i>Phacelia parishii</i>
Common Name: Blasdale's bentgrass Status: Species of Concern	Scientific Name: <i>Agrostis blasdalei blasdalei</i>
Common Name: [Unnamed] scurf-pea Status: Species of Concern	Scientific Name: <i>Pediomelum castoreum</i>
Common Name: Shaggy-hair lupine Status: Species of Concern	Scientific Name: <i>Lupinus spectabilis</i>
Common Name: Short-lobed broomrape Status: Species of Concern	Scientific Name: <i>Orobanche parishii brachyloba</i>
Common Name: San Nicolas Island lomatium Status: Species of Concern	Scientific Name: <i>Lomatium insulare</i>
Common Name: Tecopa bird's-beak Status: Species of Concern	Scientific Name: <i>Cordylanthus tecopensis</i>
Common Name: Many-stemmed liveforever Status: Species of Concern	Scientific Name: <i>Dudleya multicaulis</i>
Common Name: Hearst's ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus hearstiorum</i>
Common Name: Variegated dudleya Status: Species of Concern	Scientific Name: <i>Dudleya variegata</i>
Common Name: Sandmat manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos pumila</i>
Common Name: Northern California black walnut Status: Species of Concern	Scientific Name: <i>Juglans californica hindsii</i>



## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Delta tule-pea Status: Species of Concern	Scientific Name: <i>Lathyrus jepsonii jepsonii</i>
Common Name: Stebbins lewisia Status: Species of Concern	Scientific Name: <i>Lewisia stebbinsii</i>
Common Name: Wilkin's harebell Status: Species of Concern	Scientific Name: <i>Campanula wilkinsiana</i>
Common Name: Cup Lake draba Status: Species of Concern	Scientific Name: <i>Draba asterophora macrocarpa</i>
Common Name: Mecca aster Status: Species of Concern	Scientific Name: <i>Xylorhiza cognata</i>
Common Name: Small-leaved rose Status: Species of Concern	Scientific Name: <i>Rosa minutifolia</i>
Common Name: Cambria morning-glory Status: Species of Concern	Scientific Name: <i>Calystegia subacaulis episcopalis</i>
Common Name: San Benito thornmint Status: Species of Concern	Scientific Name: <i>Acanthomintha obovata obovata</i>
Common Name: Bear Valley phlox Status: Species of Concern	Scientific Name: <i>Phlox dolichantha</i>
Common Name: Owens Peak lomatium Status: Species of Concern	Scientific Name: <i>Lomatium shevockii</i>
Common Name: Wild Rose Canyon buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum eremicola</i>
Common Name: Mt. Saint Helena morning-glory Status: Species of Concern	Scientific Name: <i>Calystegia collina oxyphylla</i>
Common Name: Large red buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum grande rubescens</i>
Common Name: Dog Valley ivesia Status: Species of Concern	Scientific Name: <i>Ivesia aperta canina</i>
Common Name: Del Norte manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos nortensis</i>
Common Name: [Unnamed] milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus gilmanii</i>
Common Name: Seaside birds-beak Status: Species of Concern	Scientific Name: <i>Cordylanthus rigidus littoralis</i>
Common Name: Sp. nov. ined. (Del Norte) rock-cress Status: Species of Concern	Scientific Name: <i>Arabis</i> sp.
Common Name: California marina Status: Species of Concern	Scientific Name: <i>Marina orcuttii orcuttii</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: San Felipe monardella Status: Species of Concern	Scientific Name: <i>Monardella nana leptosiphon</i>
Common Name: San Francisco owl's-clover Status: Species of Concern	Scientific Name: <i>Triphysaria floribunda</i>
Common Name: San Benito fritillary Status: Species of Concern	Scientific Name: <i>Fritillaria viridea</i>
Common Name: Red-flowered lotus Status: Species of Concern	Scientific Name: <i>Lotus rubriflorus</i>
Common Name: Palmer's grapplinghook Status: Species of Concern	Scientific Name: <i>Harpagonella palmeri palmeri</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Stylocline citroleum</i>
Common Name: Humboldt lily Status: Species of Concern	Scientific Name: <i>Lilium humboldtii ocellatum</i>
Common Name: Death Valley sandpaperplant Status: Species of Concern	Scientific Name: <i>Petalonyx thurberi gilmanii</i>
Common Name: San Diego marsh elder Status: Species of Concern	Scientific Name: <i>Iva hayesiana</i>
Common Name: Merced phacelia Status: Species of Concern	Scientific Name: <i>Phacelia ciliata opaca</i>
Common Name: Tomales clarkia Status: Species of Concern	Scientific Name: <i>Clarkia concinna raichei</i>
Common Name: Spinysepaled eryngo Status: Species of Concern	Scientific Name: <i>Eryngium spinosepalum</i>
Common Name: Bakersfield saltbush Status: Species of Concern	Scientific Name: <i>Atriplex tularensis</i>
Common Name: Dorr's Cabin jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus morrisonii hirtiflorus</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Malacothrix crispifolia</i>
Common Name: Mt. Tedoc linanthus Status: Species of Concern	Scientific Name: <i>Linanthus nuttallii howellii</i>
Common Name: Smooth tarplant Status: Species of Concern	Scientific Name: <i>Hemizonia pungens laevis</i>
Common Name: Pajaroensis manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos pajaroensis</i>
Common Name: Rock sanicle Status: Species of Concern	Scientific Name: <i>Sanicula saxatilis</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Kernville poppy Status: Species of Concern	Scientific Name: <i>Eschscholzia procera</i>
Common Name: Mt. Hamilton coreopsis Status: Species of Concern	Scientific Name: <i>Coreopsis hamiltonii</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Lessingia micradenia glabrata</i>
Common Name: Aphanisma Status: Species of Concern	Scientific Name: <i>Aphanisma blitoides</i>
Common Name: Mosquin's clarkia Status: Species of Concern	Scientific Name: <i>Clarkia mosquinii mosquinii</i>
Common Name: East Bay clarkia Status: Species of Concern	Scientific Name: <i>Clarkia concinna automixa</i>
Common Name: Silky cryptantha Status: Species of Concern	Scientific Name: <i>Cryptantha crinita</i>
Common Name: Bensoniella Status: Species of Concern	Scientific Name: <i>Bensoniella oregona</i>
Common Name: Santa Margarita manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos pilosula pilosula</i>
Common Name: Robison's monardella Status: Species of Concern	Scientific Name: <i>Monardella robisonii</i>
Common Name: Brewer's dwarf-flax Status: Species of Concern	Scientific Name: <i>Hesperolinon breweri</i>
Common Name: Howell's alkali grass Status: Species of Concern	Scientific Name: <i>Puccinellia howellii</i>
Common Name: Maritime california-lilac Status: Species of Concern	Scientific Name: <i>Ceanothus maritimus</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Collinsia antonina</i>
Common Name: Schreiber's manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos glutinosa</i>
Common Name: Pale-yellow layia Status: Species of Concern	Scientific Name: <i>Layia heterotricha</i>
Common Name: Hardham's evening-primrose Status: Species of Concern	Scientific Name: <i>Camissonia hardhamiae</i>
Common Name: Comanche layia Status: Species of Concern	Scientific Name: <i>Layia leucopappa</i>
Common Name: Southern tarplant Status: Species of Concern	Scientific Name: <i>Hemizonia parryi australis</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Howell's tauschia Status: Species of Concern	Scientific Name: Tauschia howellii
Common Name: Lake County dwarf-flax Status: Species of Concern	Scientific Name: Hesperolinon didymocarpum
Common Name: Morrison's jewelflower Status: Species of Concern	Scientific Name: Streptanthus morrisonii morrisonii
Common Name: Rincon ceanothus Status: Species of Concern	Scientific Name: Ceanothus confusus
Common Name: Little Sur manzanita Status: Species of Concern	Scientific Name: Arctostaphylos edmundsii
Common Name: Valley sagittaria Status: Species of Concern	Scientific Name: Sagittaria sanfordii
Common Name: Rock lady Status: Species of Concern	Scientific Name: Holmgrenanthe petrophila
Common Name: Cone Peak bedstraw Status: Species of Concern	Scientific Name: Galium californicum lucense
Common Name: Butte County sidalcea Status: Species of Concern	Scientific Name: Sidalcea robusta
Common Name: San Nicolas Island buckwheat Status: Species of Concern	Scientific Name: Eriogonum grande timorum
Common Name: No common name Status: Species of Concern	Scientific Name: Malacothrix intermedia
Common Name: Dune larkspur Status: Species of Concern	Scientific Name: Delphinium parryi blochmaniae
Common Name: Amargosa penstemon Status: Species of Concern	Scientific Name: Penstemon fruticiformis amargosae
Common Name: Preston Peak rock-cress Status: Species of Concern	Scientific Name: Arabis mcdonaldiana
Common Name: Thread-leaved penstemon Status: Species of Concern	Scientific Name: Penstemon filiformis
Common Name: Blair's munzothamnus Status: Species of Concern	Scientific Name: Stephanomeria blairii
Common Name: Stebbins' madia Status: Species of Concern	Scientific Name: Madia stebbinsii
Common Name: Mission Canyon bluecup Status: Species of Concern	Scientific Name: Githopsis diffusa filicaulis
Common Name: Saw-toothed lewisia Status: Species of Concern	Scientific Name: Lewisia serrata

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: White-margined penstemon Status: Species of Concern	Scientific Name: Penstemon albomarginatus
Common Name: Contact Mine streptanthus Status: Species of Concern	Scientific Name: Streptanthus brachiatus brachiatus
Common Name: Coast barrel cactus Status: Species of Concern	Scientific Name: Ferocactus viridescens
Common Name: Santa Cruz manzanita Status: Species of Concern	Scientific Name: Arctostaphylos andersonii
Common Name: San Jacinto bedstraw Status: Species of Concern	Scientific Name: Galium californicum primum
Common Name: Mt. Vision ceanothus Status: Species of Concern	Scientific Name: Ceanothus gloriosus porrectus
Common Name: Rock Creek broomrape Status: Species of Concern	Scientific Name: Orobanche valida valida
Common Name: Raiches manzanita Status: Species of Concern	Scientific Name: Arctostaphylos stanfordiana raichei
Common Name: Sandfood Status: Species of Concern	Scientific Name: Pholisma sonorae
Common Name: Spanish needle onion Status: Species of Concern	Scientific Name: Allium shevockii
Common Name: Petaluma popcornflower Status: Species of Concern	Scientific Name: Plagiobothrys mollis vestitus
Common Name: Montara manzanita Status: Species of Concern	Scientific Name: Arctostaphylos montaraensis
Common Name: [Unnamed] adobe-lily Status: Species of Concern	Scientific Name: Fritillaria pluriflora
Common Name: Snow Mountain buckwheat Status: Species of Concern	Scientific Name: Eriogonum nervulosum
Common Name: Supple daisy Status: Species of Concern	Scientific Name: Erigeron supplex
Common Name: Hoover's button-celery Status: Species of Concern	Scientific Name: Eryngium aristulatum hooveri
Common Name: San Luis lupine Status: Species of Concern	Scientific Name: Lupinus ludovicianus
Common Name: Legenere Status: Species of Concern	Scientific Name: Legenere limosa
Common Name: Pink sand-verbena Status: Species of Concern	Scientific Name: Abronia umbellata breviflora

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Prostrate buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum prociduum</i>
Common Name: Butte County morning-glory Status: Species of Concern	Scientific Name: <i>Calystegia atriplicifolia buttensis</i>
Common Name: San Bernardino Mountains orthocarpus Status: Species of Concern	Scientific Name: <i>Castilleja lasiorhyncha</i>
Common Name: Parry's tetracoccus Status: Species of Concern	Scientific Name: <i>Tetracoccus dioicus</i>
Common Name: Red Rock tarweed Status: Species of Concern	Scientific Name: <i>Hemizonia arida</i>
Common Name: Trinity buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum alpinum</i>
Common Name: Applegate stonecrop Status: Species of Concern	Scientific Name: <i>Sedum oblancheolatum</i>
Common Name: Twisselmann's buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum twisselmannii</i>
Common Name: San Clemente Island buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum giganteum formosum</i>
Common Name: Algodones Dunes sunflower Status: Species of Concern	Scientific Name: <i>Helianthus niveus tephrodes</i>
Common Name: Plummer's mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus plummerae</i>
Common Name: Point Reyes horkelia Status: Species of Concern	Scientific Name: <i>Horkelia marinensis</i>
Common Name: Davidson's bush-mallow Status: Species of Concern	Scientific Name: <i>Malacothamnus davidsonii</i>
Common Name: Bristlecone catseye Status: Species of Concern	Scientific Name: <i>Cryptantha roosiorum</i>
Common Name: Vine Hill ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus foliosus vineatus</i>
Common Name: Marin knotweed Status: Species of Concern	Scientific Name: <i>Polygonum marinense</i>
Common Name: Hardy Creek barberry Status: Species of Concern	Scientific Name: <i>Berberis nervosa mendocinensis</i>
Common Name: Parasol clover Status: Species of Concern	Scientific Name: <i>Trifolium bolanderi</i>
Common Name: Fragrant fritillary Status: Species of Concern	Scientific Name: <i>Fritillaria liliacea</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Ziegler's layia Status: Species of Concern	Scientific Name: <i>Layia platyglossa</i>
Common Name: Seaside tarweed Status: Species of Concern	Scientific Name: <i>Hemizonia multicaulis multicaulis</i>
Common Name: Foothill mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus weedii intermedius</i>
Common Name: Mendocino coast paintbrush Status: Species of Concern	Scientific Name: <i>Castilleja mendocinensis</i>
Common Name: Slough thistle Status: Species of Concern	Scientific Name: <i>Cirsium crassicaule</i>
Common Name: South Coast Range morning-glory Status: Species of Concern	Scientific Name: <i>Calystegia collina venusta</i>
Common Name: Cache Peak buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum kennedyi pinicola</i>
Common Name: California beaked-rush Status: Species of Concern	Scientific Name: <i>Rhynchospora californica</i>
Common Name: Pringle monardella Status: Species of Concern	Scientific Name: <i>Monardella pringlei</i>
Common Name: Southern island phacelia Status: Species of Concern	Scientific Name: <i>Phacelia floribunda</i>
Common Name: Humboldt milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus agnicidus</i>
Common Name: Trask's milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus traskiae</i>
Common Name: Veiny monardella Status: Species of Concern	Scientific Name: <i>Monardella douglasii venosa</i>
Common Name: Tecate tarweed Status: Species of Concern	Scientific Name: <i>Hemizonia floribunda</i>
Common Name: South coast saltbush Status: Species of Concern	Scientific Name: <i>Atriplex pacifica</i>
Common Name: Arroyo de la Cruz manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos cruzensis</i>
Common Name: Santa Cruz Island monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus brandegeei</i>
Common Name: Northcoast phacelia Status: Species of Concern	Scientific Name: <i>Phacelia insularis continentis</i>
Common Name: Sand dune phacelia Status: Under Review	Scientific Name: <i>Phacelia argentea</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Inyo mariposa lily Status: Species of Concern	Scientific Name: Calochortus excavatus
Common Name: Webber's milk-vetch Status: Species of Concern	Scientific Name: Astragalus webberi
Common Name: Delta coyote-thistle Status: Species of Concern	Scientific Name: Eryngium racemosum
Common Name: Hall's madia Status: Species of Concern	Scientific Name: Madia hallii
Common Name: Red Hills soaproot Status: Species of Concern	Scientific Name: Chlorogalum grandiflorum
Common Name: No common name Status: Species of Concern	Scientific Name: Ceanothus arboreus glaber
Common Name: Guadalupe Island lupine Status: Species of Concern	Scientific Name: Lupinus guadalupensis
Common Name: Sequoia gooseberry Status: Species of Concern	Scientific Name: Ribes tularensis
Common Name: Swamp harebell Status: Species of Concern	Scientific Name: Campanula californica
Common Name: Parry's spineflower Status: Species of Concern	Scientific Name: Chorizanthe parryi parryi
Common Name: Parish's bush-mallow Status: Species of Concern	Scientific Name: Malacothamnus parishii
Common Name: Tamalpais manzanita Status: Species of Concern	Scientific Name: Arctostaphylos hookeri montana
Common Name: San Clemente Island brodiaea Status: Species of Concern	Scientific Name: Brodiaea kinkiensis
Common Name: Tamalpais jewelflower Status: Species of Concern	Scientific Name: Streptanthus batrachopus
Common Name: Panoche peppergrass Status: Species of Concern	Scientific Name: Lepidium jaredii album
Common Name: Dacite manzanita Status: Species of Concern	Scientific Name: Arctostaphylos tomentosa daciticola
Common Name: Fresno County bird's-beak Status: Species of Concern	Scientific Name: Cordylanthus tenuis barbatus
Common Name: Bolinas ceanothus Status: Species of Concern	Scientific Name: Ceanothus masonii
Common Name: No common name Status: Species of Concern	Scientific Name: Astragalus lentiginosus antonius



## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: San Diego goldenstar Status: Species of Concern	Scientific Name: <i>Muilla clevelandii</i>
Common Name: Hearsts' manzanita Status: Species of Concern	Scientific Name: <i>Arctostaphylos hookeri hearstiorum</i>
Common Name: Orocopia sage Status: Species of Concern	Scientific Name: <i>Salvia greatai</i>
Common Name: Abbott's bush-mallow Status: Species of Concern	Scientific Name: <i>Malacothamnus abbottii</i>
Common Name: Merced monardella Status: Species of Concern	Scientific Name: <i>Monardella leucocephala</i>
Common Name: Alverson's foxtail cactus Status: Species of Concern	Scientific Name: <i>Coryphantha vivipara alversonii</i>
Common Name: San Gabriel River dudleya Status: Species of Concern	Scientific Name: <i>Dudleya cymosa crebrifolia</i>
Common Name: Kern River daisy Status: Species of Concern	Scientific Name: <i>Erigeron multiceps</i>
Common Name: Jepson's onion Status: Species of Concern	Scientific Name: <i>Allium jepsonii</i>
Common Name: Auburua Ranch jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus insignis lyonii</i>
Common Name: Saline Valley phacelia Status: Species of Concern	Scientific Name: <i>Phacelia amabilis</i>
Common Name: Nevada oryctes Status: Species of Concern	Scientific Name: <i>Oryctes nevadensis</i>
Common Name: Kaweah brodiaea Status: Species of Concern	Scientific Name: <i>Brodiaea insignis</i>
Common Name: Baldwin Lake linanthus Status: Species of Concern	Scientific Name: <i>Linanthus killipii</i>
Common Name: Mt. Diablo jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus hispidus</i>
Common Name: Thorne's buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum ericifolium thornei</i>
Common Name: Diamond-petaled poppy Status: Species of Concern	Scientific Name: <i>Eschscholzia rhombipetala</i>
Common Name: Showy raillardella Status: Species of Concern	Scientific Name: <i>Raillardella pringlei</i>
Common Name: Scadden Flat checkerbloom Status: Species of Concern	Scientific Name: <i>Sidalcea stipularis</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Slender mariposa lily Status: Species of Concern	Scientific Name: Calochortus clavatus gracilis
Common Name: Mojave monkey-flower Status: Species of Concern	Scientific Name: Mimulus mohavensis
Common Name: Anthony Peak lupine Status: Species of Concern	Scientific Name: Lupinus antoninus
Common Name: No common name Status: Species of Concern	Scientific Name: Arnica lonchophylla
Common Name: Poison Canyon stickseed Status: Species of Concern	Scientific Name: Hackelia brevicula
Common Name: Borrego bedstraw Status: Species of Concern	Scientific Name: Galium angustifolium borregoense
Common Name: Hickman's onion Status: Species of Concern	Scientific Name: Allium hickmanii
Common Name: One-awned spineflower Status: Species of Concern	Scientific Name: Chorizanthe rectispina
Common Name: Inyo laphamia Status: Species of Concern	Scientific Name: Perityle inyoensis
Common Name: DeDecker's lupine Status: Species of Concern	Scientific Name: Lupinus padre-crowleyi
Common Name: Thurber's reedgrass Status: Species of Concern	Scientific Name: Calamagrostis crassiglumis
Common Name: Stebbins' lomatium Status: Species of Concern	Scientific Name: Lomatium stebbinsii
Common Name: Sp. nov. ined. (Pit River) jewelflower Status: Species of Concern	Scientific Name: Streptanthus sp.
Common Name: Mountains Springs bush lupine Status: Species of Concern	Scientific Name: Lupinus excubitus medius
Common Name: Gander butterweed Status: Species of Concern	Scientific Name: Packera ganderi
Common Name: Forest Camp sandwort Status: Species of Concern	Scientific Name: Arenaria macradenia kuschei
Common Name: Monterey ceanothus Status: Species of Concern	Scientific Name: Ceanothus cuneatus rigidus
Common Name: Most beautiful jewelflower Status: Species of Concern	Scientific Name: Streptanthus albidus peramoenus
Common Name: San Francisco gumplant Status: Species of Concern	Scientific Name: Grindelia hirsuta maritima

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Mt. Hamilton harebell Status: Species of Concern	Scientific Name: <i>Campanula sharsmithiae</i>
Common Name: Congdon's lomatium Status: Species of Concern	Scientific Name: <i>Lomatium congdonii</i>
Common Name: Plaskett Meadows linanthus Status: Species of Concern	Scientific Name: <i>Linanthus harknessii condensatus</i>
Common Name: Lemon colored fawn-lily Status: Species of Concern	Scientific Name: <i>Erythronium citrinum rodrickii</i>
Common Name: Raven's milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus monoensis ravenii</i>
Common Name: Nevin's wooly-sunflower Status: Species of Concern	Scientific Name: <i>Eriophyllum nevinii</i>
Common Name: California ditaxis Status: Species of Concern	Scientific Name: <i>Ditaxis serrata</i>
Common Name: Tehama dwarf-flax Status: Species of Concern	Scientific Name: <i>Hesperolinon tehamense</i>
Common Name: Piute Mountains jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus cordatus piutensis</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Calochortus weedii vestus</i>
Common Name: Slender pentachaeta Status: Species of Concern	Scientific Name: <i>Pentachaeta exilis aeolica</i>
Common Name: Purple monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus purpureus purpureus</i>
Common Name: Calistoga ceanothus Status: Species of Concern	Scientific Name: <i>Ceanothus divergens</i>
Common Name: Butte fritillary Status: Species of Concern	Scientific Name: <i>Fritillaria eastwoodiae</i>
Common Name: Pale yellow lupine Status: Species of Concern	Scientific Name: <i>Lupinus luteolus</i>
Common Name: Arroyo de la Cruz mariposa lily Status: Species of Concern	Scientific Name: <i>Calochortus clavatus recurvifolius</i>
Common Name: Umpqua green-gentian Status: Species of Concern	Scientific Name: <i>Frasera fastigiata</i>
Common Name: Canyon Creek stonecrop Status: Species of Concern	Scientific Name: <i>Sedum paradisum</i>
Common Name: Ash Creek ivesia Status: Species of Concern	Scientific Name: <i>Ivesia paniculata</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Cliff spurge Status: Species of Concern	Scientific Name: <i>euphorbia misera</i>
Common Name: Small-flowered morning-glory Status: Species of Concern	Scientific Name: <i>Convolvulus equitans</i>
Common Name: Beautiful Hulsea Status: Species of Concern	Scientific Name: <i>Hulsea vestita</i> ssp. <i>callicarpha</i>
Common Name: Cleveland's bush monkeyflower Status: Species of Concern	Scientific Name: <i>Diplacus clevelandii</i>
Common Name: Fish's milkwort Status: Species of Concern	Scientific Name: <i>Polygala cornuta</i> var. <i>fishiae</i>
Common Name: Mt. Diablo phacelia Status: Species of Concern	Scientific Name: <i>Phacelia phacelioides</i>
Common Name: Gairdner's yampah Status: Species of Concern	Scientific Name: <i>Perideridia gairdneri</i> <i>gairdneri</i>
Common Name: Santa Catalina Island desert-thorn Status: Species of Concern	Scientific Name: <i>Lycium hassei</i>
Common Name: No common name Status: Species of Concern	Scientific Name: <i>Lecanora xanthosora</i>
Common Name: Stebbins' phacelia Status: Species of Concern	Scientific Name: <i>Phacelia stebbinsii</i>
Common Name: Silver, Santa Cruz Island hosackia Status: Species of Concern	Scientific Name: <i>Lotus argophyllus niveus</i>
Common Name: Smooth pungent forsellesia Status: Species of Concern	Scientific Name: <i>Glossopetalon pungens glabra</i>
Common Name: Eastwood's goldenweed Status: Species of Concern	Scientific Name: <i>Ericameria fasciculata</i>
Common Name: Rayless layia Status: Species of Concern	Scientific Name: <i>Layia discoidea</i>
Common Name: San Gabriel bedstraw Status: Species of Concern	Scientific Name: <i>Galium grande</i>
Common Name: Island morning-glory Status: Species of Concern	Scientific Name: <i>Calystegia macrostegia amplissima</i>
Common Name: Santa Barbara Island buckwheat Status: Species of Concern	Scientific Name: <i>Eriogonum giganteum compactum</i>
Common Name: The Geysers panic grass Status: Species of Concern	Scientific Name: <i>Dichanthelium acuminatum acuminatum</i>
Common Name: Flat-seeded spurge Status: Species of Concern	Scientific Name: <i>Chamaesyce platysperma</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Narrow-leaved nightshade Status: Species of Concern	Scientific Name: <i>Solanum tenuilobatum</i>
Common Name: Green liveforever Status: Species of Concern	Scientific Name: <i>Dudleya virens</i>
Common Name: Three Peaks jewelflower Status: Species of Concern	Scientific Name: <i>Streptanthus morrisonii elatus</i>
Common Name: Big Bear milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus lentiginosus sierrae</i>
Common Name: Deane's milk-vetch Status: Species of Concern	Scientific Name: <i>Astragalus deanei</i>
Common Name: Ft. Tejon wooly-sunflower Status: Species of Concern	Scientific Name: <i>Eriophyllum lanatum hallii</i>
Common Name: El Dorado mule-ears Status: Species of Concern	Scientific Name: <i>Wyethia reticulata</i>
Common Name: Siskiyou onion Status: Species of Concern	Scientific Name: <i>Allium tribracteatum</i>
Common Name: Enterprise clarkia Status: Species of Concern	Scientific Name: <i>Clarkia mosquinii xerophila</i>
Common Name: San Francisco Bay spineflower Status: Species of Concern	Scientific Name: <i>Chorizanthe cuspidata cuspidata</i>
Common Name: Santa Cruz silverpuffs Status: Species of Concern	Scientific Name: <i>Stebbinsoseris decipiens</i>
Common Name: Hetch Hetchy monkey-flower Status: Species of Concern	Scientific Name: <i>Mimulus filicaulis</i>
Common Name: Caliente clarkia Status: Species of Concern	Scientific Name: <i>Clarkia tembloriensis ssp. calientensis</i>
Common Name: Lemon lily Status: Species of Concern	Scientific Name: <i>Lilium parryi</i>
Common Name: Two carpeled dwarf-flax Status: Species of Concern	Scientific Name: <i>Hesperolinon bicarpellatum</i>
Common Name: Baker's meadowfoam Status: Species of Concern	Scientific Name: <i>Limnanthes bakeri</i>
Group: Insects	
Common Name: Denning's cryptic caddisfly Status: Species of Concern	Scientific Name: <i>Cryptochia denningi</i>
Common Name: Shirrtail Creek stonefly Status: Species of Concern	Scientific Name: <i>Megaleuctra sierra</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Sonoma arctic skipper Status: Species of Concern	Scientific Name: <i>Carterocephalus palaemon</i> ssp.
Common Name: Globose dune beetle Status: Species of Concern	Scientific Name: <i>Coelus globosus</i>
Common Name: Sierra pygmy grasshopper Status: Species of Concern	Scientific Name: <i>Tetrix sierrana</i>
Common Name: Bumblebee scarab Status: Species of Concern	Scientific Name: <i>Lichnanthe ursina</i>
Common Name: Franklin's bumblebee Status: Under Review	Scientific Name: <i>Bombus franklini</i>
Common Name: Gold rush hanging fly Status: Species of Concern	Scientific Name: <i>Orbittacus obscurus</i>
Common Name: Brownish dubiraphian riffle beetle Status: Species of Concern	Scientific Name: <i>Dubiraphia brunnescens</i>
Common Name: Coachella Valley jerusalem cricket Status: Species of Concern	Scientific Name: <i>Stenopelmatus cahuilensis</i>
Common Name: Desert monkey grasshopper Status: Species of Concern	Scientific Name: <i>Psychomastix deserticola</i>
Common Name: Point Conception jerusalem cricket Status: Species of Concern	Scientific Name: <i>Ammopelmatus muwu</i>
Common Name: Sacramento anthicid Status: Species of Concern	Scientific Name: <i>Anthicus sacramento</i>
Common Name: Wawona riffle beetle Status: Species of Concern	Scientific Name: <i>Atractelmis wawona</i>
Common Name: San Joaquin tiger beetle Status: Species of Concern	Scientific Name: <i>Cicindela tranquebarica</i> ssp.
Common Name: Sagehen Creek goeracean caddisfly Status: Species of Concern	Scientific Name: <i>Goeracea oregona</i>
Common Name: Hopping's blister beetle Status: Species of Concern	Scientific Name: <i>Lytta hoppingi</i>
Common Name: Kelso Dune glaresis scarab Status: Species of Concern	Scientific Name: <i>Glaresis arenata</i>
Common Name: Wilbur Springs shore fly Status: Species of Concern	Scientific Name: <i>Paracoenia calida</i>
Common Name: Antioch andrenid bee Status: Species of Concern	Scientific Name: <i>Perdita scitula antiochensis</i>
Common Name: Point Reyes blue Status: Species of Concern	Scientific Name: <i>Icaricia icariodes</i> ssp.

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Simple hydroporus diving beetle Status: Species of Concern	Scientific Name: Hydroporus simplex
Common Name: Antioch cophuran robberfly Status: Species of Concern	Scientific Name: Cophura hurdi
Common Name: MacNeill sooty wing skipper Status: Species of Concern	Scientific Name: Hesperopsis graciellae
Common Name: King's Creek ecclisomyian caddisfly Status: Species of Concern	Scientific Name: Ecclisomyia bilera
Common Name: King's Creek parapsyche caddisfly Status: Species of Concern	Scientific Name: Parapsyche extensa
Common Name: Kings Canyon cryptochian caddisfly Status: Species of Concern	Scientific Name: Cryptochia excella
Common Name: San Clemente Island coenonycha beetle Status: Species of Concern	Scientific Name: Coenonycha clementina
Common Name: Spiny rhyacophilan caddisfly Status: Species of Concern	Scientific Name: Rhyacophila spinata
Common Name: Delta june beetle Status: Species of Concern	Scientific Name: Polyphylla stellata
Common Name: Trinity Alps ground beetle Status: Species of Concern	Scientific Name: Nebria sahlbergii triad
Common Name: San Francisco lacewing Status: Species of Concern	Scientific Name: Nothochrysa californica
Common Name: San Gabriel Mountains blue Status: Species of Concern	Scientific Name: Plejebus saepiolus ssp.
Common Name: White Mountains copper Status: Species of Concern	Scientific Name: Lycaena rubicus ssp.
Common Name: Oso Flaco patch butterfly Status: Species of Concern	Scientific Name: Chlosyne leanira osoflaco
Common Name: Golden-horned caddisfly Status: Species of Concern	Scientific Name: Neothremma genella
Common Name: Rude's long-horned beetle Status: Species of Concern	Scientific Name: Necydalis rudei
Common Name: Busck's gall moth Status: Species of Concern	Scientific Name: Carolella busckana
Common Name: Andrew's marble butterfly Status: Species of Concern	Scientific Name: Euchloe hyantis andrewsi
Common Name: [Unnamed] ground beetle Status: Species of Concern	Scientific Name: Scaphinotus behrensi

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: White Mountains saepiolus blue Status: Species of Concern	Scientific Name: <i>Plejebus saepiolus</i> ssp.
Common Name: White Mountains sandhill skipper Status: Species of Concern	Scientific Name: <i>Polites sabuleti albomontana</i>
Common Name: Greenest tiger beetle Status: Species of Concern	Scientific Name: <i>Cicindela tranquebarica viridissima</i>
Common Name: Siskiyou caddisfly Status: Species of Concern	Scientific Name: <i>Neothremma siskiyou</i>
Common Name: Casey's June Beetle Status: Endangered	Scientific Name: <i>Dinacoma caseyi</i>
Common Name: Channel Islands dune beetle Status: Species of Concern	Scientific Name: <i>Coelus pacificus</i>
Common Name: Hurd's metapogon robberfly Status: Species of Concern	Scientific Name: <i>Metapogon hurdi</i>
Common Name: Molestan blister beetle Status: Species of Concern	Scientific Name: <i>Lytta molesta</i>
Common Name: Nelson's miloderes weevil Status: Species of Concern	Scientific Name: <i>Miloderes nelsoni</i>
Common Name: Lake Tahoe benthic stonefly Status: Species of Concern	Scientific Name: <i>Capnia lacustra</i>
Common Name: Bilobed rhyacophilan caddisfly Status: Species of Concern	Scientific Name: <i>Rhyacophila mosana</i>
Common Name: Santa Cruz Island shore weevil Status: Species of Concern	Scientific Name: <i>Trigonoscuta stantoni</i>
Common Name: Ancient ant Status: Species of Concern	Scientific Name: <i>Smithistruma reliquia</i>
Common Name: Pinnacles shield-back katydid Status: Species of Concern	Scientific Name: <i>Idiostatus kathleenae</i>
Common Name: Oso Flaco robber fly Status: Species of Concern	Scientific Name: <i>Ablautus schlingeri</i>
Common Name: Morro Bay blue butterfly Status: Species of Concern	Scientific Name: <i>Icaricia icarioides moroensis</i>
Common Name: Valley mydas fly Status: Under Review	Scientific Name: <i>Rhaphiomidas trochilus</i>
Common Name: Giuliani's dubiraphian riffle beetle Status: Species of Concern	Scientific Name: <i>Dubiraphia giulianii</i>
Common Name: Amphibious caddisfly Status: Species of Concern	Scientific Name: <i>Desmona bethula</i>



## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Cheese-weed moth lacewing Status: Species of Concern	Scientific Name: <i>Oliarces clara</i>
Common Name: Monarch butterfly Status: Under Review	Scientific Name: <i>Danaus plexippus plexippus</i>
Common Name: Humboldt ground beetle Status: Species of Concern	Scientific Name: <i>Scaphinotus longiceps</i>
Common Name: Curved-foot hygrotus diving beetle Status: Species of Concern	Scientific Name: <i>Hygrotus curvipes</i>
Common Name: Mono checkerspot Status: Species of Concern	Scientific Name: <i>Euphydryas editha monoensis</i>
Common Name: White Mountains icarioides blue Status: Species of Concern	Scientific Name: <i>Plejebus icarioides ssp.</i>
Common Name: Pinnacles optioservus riffle beetle Status: Species of Concern	Scientific Name: <i>Optioservus canus</i>
Common Name: Long-tailed caddisfly Status: Species of Concern	Scientific Name: <i>Farula sp.</i>
Common Name: Santa Monica shieldback katydid Status: Species of Concern	Scientific Name: <i>Neduba longipennis</i>
Common Name: Mission blue butterfly Status: Endangered	Scientific Name: <i>Icaricia icarioides missionensis</i>
Common Name: Myrtle's silverspot butterfly Status: Endangered	Scientific Name: <i>Speyeria zerene myrtleae</i>
Common Name: San Bruno elfin butterfly Status: Endangered	Scientific Name: <i>Callophrys mossii bayensis</i>
Common Name: Callippe silverspot butterfly Status: Endangered	Scientific Name: <i>Speyeria callippe callippe</i>
Common Name: Delhi Sands flower-loving fly Status: Endangered	Scientific Name: <i>Rhaphiomidas terminatus abdominalis</i>
Common Name: California diplectronan caddisfly Status: Species of Concern	Scientific Name: <i>Diplectrona californica</i>
Common Name: Wandering skipper Status: Species of Concern	Scientific Name: <i>Panoquina errans</i>
Common Name: [Unnamed] riffle beetle Status: Species of Concern	Scientific Name: <i>Microcylleopus similis</i>
Common Name: Spring Mountains icarioides blue Status: Species of Concern	Scientific Name: <i>Plejebus icarioides ssp.</i>
Common Name: Lange's El Segundo Dune weevil Status: Species of Concern	Scientific Name: <i>Onychobaris langei</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Sandy beach tiger beetle Status: Species of Concern	Scientific Name: <i>Cicindela hirticollis gravida</i>
Common Name: Yellow-banded andrenid bee Status: Species of Concern	Scientific Name: <i>Perdita hirticeps luteocincta</i>
Common Name: Leech's chaetarthrian water scavenger beetle Status: Species of Concern	Scientific Name: <i>Chaetarthria leechi</i>
Common Name: San Gabriel Mountains elfin Status: Species of Concern	Scientific Name: <i>Incisalia mossii</i> ssp.
Common Name: Wooly hydroporus diving beetle Status: Species of Concern	Scientific Name: <i>Hydroporus hirsutus</i>
Common Name: Fort Dick limnephilus caddisfly Status: Species of Concern	Scientific Name: <i>Limnephilus atercus</i>
Common Name: Ciervo aegialian scarab Status: Species of Concern	Scientific Name: <i>Aegialia concinna</i>
Common Name: Cold Spring caddisfly Status: Species of Concern	Scientific Name: <i>Lepidostoma ermanae</i>
Common Name: White Mountains skipper Status: Species of Concern	Scientific Name: <i>Hesperia mirimae</i> ssp.
Common Name: Doyen's trigonoscuta dune weevil Status: Species of Concern	Scientific Name: <i>Trigonoscuta</i> sp.
Common Name: Siskiyou ground beetle Status: Species of Concern	Scientific Name: <i>Nebria gebleri siskiyouensis</i>
Common Name: Antioch mutillid wasp Status: Species of Concern	Scientific Name: <i>Myrmosula pacifica</i>
Common Name: Hermes copper butterfly Status: Candidate	Scientific Name: <i>Lycaena hermes</i>
Common Name: Confusion caddisfly Status: Species of Concern	Scientific Name: <i>Cryptochia shasta</i>
Common Name: Death Valley june beetle Status: Species of Concern	Scientific Name: <i>Polyphylla erratica</i>
Common Name: Ford's sand dune moth Status: Species of Concern	Scientific Name: <i>Psammobotys fordii</i>
Common Name: Dorothy's El Segundo Dune weevil Status: Species of Concern	Scientific Name: <i>Trigonoscuta dorothea dorothea</i>
Common Name: Santa Catalina Island trigonoscuta weevil Status: Species of Concern	Scientific Name: <i>Trigonoscuta catalina</i>
Common Name: Saratoga Springs belostoman bug Status: Species of Concern	Scientific Name: <i>Belostoma saratogae</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Status: Species of Concern

Common Name: Antioch Dunes anthicid  
Status: Species of Concern

Scientific Name: *Anthicus antiochensis*

Common Name: Wing-shoulder minute moss beetle  
Status: Species of Concern

Scientific Name: *Ochthebius crassalus*

Common Name: Antioch sphecid wasp  
Status: Species of Concern

Scientific Name: *Philanthus nasalis*

Common Name: Dohrn's elegant eucnemid beetle  
Status: Species of Concern

Scientific Name: *Paleoxenus dohrni*

Common Name: Redheaded sphecid wasp  
Status: Species of Concern

Scientific Name: *Eucerceris ruficeps*

Common Name: [Unnamed] riffle beetle  
Status: Species of Concern

Scientific Name: *Microcylleopus fomicoideus*

Common Name: Boharts' blue  
Status: Species of Concern

Scientific Name: *Philotiella speciosa bohartorum*

Common Name: Castle Crags rhyacophilan caddisfly  
Status: Species of Concern

Scientific Name: *Rhyacophila lineata*

Common Name: Middlekauf's shieldback katydid  
Status: Species of Concern

Scientific Name: *Idiostatus middlekaufi*

Common Name: Atascadero june beetle  
Status: Species of Concern

Scientific Name: *Polyphylla nubila*

Common Name: Travertine band-thigh diving beetle  
Status: Species of Concern

Scientific Name: *Hygrotus fontinalis*

Common Name: Leech's skyline diving beetle  
Status: Species of Concern

Scientific Name: *Hydroporus leechi*

Common Name: South Forks ground beetle  
Status: Species of Concern

Scientific Name: *Nebria darlingtoni*

Common Name: Morrison's blister beetle  
Status: Species of Concern

Scientific Name: *Lytta morrisoni*

Common Name: Marin elfin  
Status: Species of Concern

Scientific Name: *Incisalia mossii* ssp.

Common Name: Saline Valley snow-front june beetle  
Status: Species of Concern

Scientific Name: *Polyphylla anteronivea*

Common Name: Wilbur Springs minute moss beetle  
Status: Species of Concern

Scientific Name: *Ochthebius reticulus*

Common Name: Tehachapi Mountain silverspot  
Status: Species of Concern

Scientific Name: *Speyeria egleis tehachapina*

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Valley oak ant Status: Under Review	Scientific Name: Proceratium californicum
Common Name: Coachella giant sand treader cricket Status: Species of Concern	Scientific Name: Macrobaenetes valgum
Common Name: Ricksecker's water scavenger beetle Status: Species of Concern	Scientific Name: Hydrochara rickseckeri
Common Name: Brown-tassel trigonoscuta weevil Status: Species of Concern	Scientific Name: Trigonoscuta brunneotesselata
Common Name: Henne's eucosman moth Status: Species of Concern	Scientific Name: Eucosma hennei
Common Name: Samwell Cave cricket Status: Species of Concern	Scientific Name: Pristoceuthophilus sp.
Common Name: Kelso jerusalem cricket Status: Species of Concern	Scientific Name: Ammopelmatus kelsoensis
Common Name: White sand bear scarab Status: Species of Concern	Scientific Name: Lichnanthe albopilosa
Common Name: Dry Creek cliff strider bug Status: Species of Concern	Scientific Name: Oravelia pege
Common Name: Antioch efferian robberfly Status: Species of Concern	Scientific Name: Efferia antiochi
Common Name: San Emigdio blue Status: Species of Concern	Scientific Name: Plebulina emigdionis
Common Name: Blaisdell trigonoscuta weevil Status: Species of Concern	Scientific Name: Trigonoscuta blaisdelli
Common Name: Mojave Desert blister beetle Status: Species of Concern	Scientific Name: Lytta inseparata
Common Name: Oso Flaco flightless moth Status: Species of Concern	Scientific Name: Areniscythriss brachypteris
Common Name: Kelso giant sand treader cricket Status: Species of Concern	Scientific Name: Macrobaenetes kelsoensis
Common Name: Oblivious tiger beetle Status: Species of Concern	Scientific Name: Cicindela latesignata obliviosa
Common Name: Moestan blister beetle Status: Species of Concern	Scientific Name: Lytta moesta
Group:Lichens	
Common Name: [Unnamed] lichen Status: Species of Concern	Scientific Name: Texosporium sancti-jacobi

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Splitting yarn lichen  
Status: Species of Concern

Scientific Name: *Sulcaria isidiisera*

Group: Mammals

Common Name: Tipton kangaroo rat  
Status: Endangered

Scientific Name: *Dipodomys nitratooides nitratooides*

Common Name: White-footed vole  
Status: Species of Concern

Scientific Name: *Arborimus albipes*

Common Name: Buena Vista Lake ornate Shrew  
Status: Endangered

Scientific Name: *Sorex ornatus relictus*

Common Name: Riparian woodrat (=San Joaquin Valley)  
Status: Endangered

Scientific Name: *Neotoma fuscipes riparia*

Common Name: White-eared pocket mouse  
Status: Species of Concern

Scientific Name: *Perognathus alticola alticola*

Common Name: San Nicolas Island fox  
Status: Species of Concern

Scientific Name: *Urocyon littoralis dickeyi*

Common Name: Mountain beaver  
Status: Species of Concern

Scientific Name: *Aplodontia rufa californica*

Common Name: Owens Valley California vole  
Status: Species of Concern

Scientific Name: *Microtus californicus vallicola*

Common Name: Allen's big-eared bat  
Status: Species of Concern

Scientific Name: *Idionycteris phyllotis*

Common Name: California red tree vole  
Status: Species of Concern

Scientific Name: *Arborimus pomo*

Common Name: Salt marsh ornate shrew  
Status: Species of Concern

Scientific Name: *Sorex ornatus salicornicus*

Common Name: Yuma hispid cotton rat  
Status: Species of Concern

Scientific Name: *Sigmodon hispidus eremicus*

Common Name: Berkeley kangaroo rat  
Status: Species of Concern

Scientific Name: *Dipodomys heermanni berkleyensis*

Common Name: Point Reyes jumping mouse  
Status: Species of Concern

Scientific Name: *Zapus trinotatus orarius*

Common Name: Pacific Townsend's big-eared bat  
Status: Species of Concern

Scientific Name: *Plecotus townsendii townsendii*

Common Name: Greater western mastiff-bat  
Status: Species of Concern

Scientific Name: *Eumops perotis californicus*

Common Name: Pallid San Diego pocket mouse  
Status: Species of Concern

Scientific Name: *Perognathus fallax pallidus*

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Earthquake Merriam's kangaroo rat Status: Species of Concern	Scientific Name: <i>Dipodomys merriami collinus</i>
Common Name: Los Angeles little pocket mouse Status: Species of Concern	Scientific Name: <i>Perognathus longimembris brevinasus</i>
Common Name: Lodgepole chipmunk Status: Species of Concern	Scientific Name: <i>Tamias speciosus speciosus</i>
Common Name: Short-nosed kangaroo rat Status: Species of Concern	Scientific Name: <i>Dipodomys nitratoides brevinasus</i>
Common Name: Tulare grasshopper mouse Status: Species of Concern	Scientific Name: <i>Onychomys torridus tularensis</i>
Common Name: Mojave river vole Status: Species of Concern	Scientific Name: <i>Microtus californicus mohavensis</i>
Common Name: San Francisco dusky-footed woodrat Status: Species of Concern	Scientific Name: <i>Neotoma fuscipes annectens</i>
Common Name: San Diego black-tailed jackrabbit Status: Species of Concern	Scientific Name: <i>Lepus californicus bennettii</i>
Common Name: Guadalupe fur seal Status: Threatened	Scientific Name: <i>Arctocephalus townsendi</i>
Common Name: Dulzura California pocket mouse Status: Species of Concern	Scientific Name: <i>Perognathus californicus femoralis</i>
Common Name: Stephens' California vole Status: Species of Concern	Scientific Name: <i>Microtus californicus stephensi</i>
Common Name: Salt marsh vagrant shrew Status: Species of Concern	Scientific Name: <i>Sorex vagrans halicoetes</i>
Common Name: San Diego desert woodrat Status: Species of Concern	Scientific Name: <i>Neotoma lepida intermedia</i>
Common Name: Palm Springs little pocket mouse Status: Species of Concern	Scientific Name: <i>Perognathus longimembris bangsi</i>
Common Name: Pale Townsend's big-eared bat Status: Species of Concern	Scientific Name: <i>Plecotus townsendii pallescens</i>
Common Name: Occult little brown bat Status: Species of Concern	Scientific Name: <i>Myotis lucifugus occultus</i>
Common Name: California wolverine Status: Species of Concern	Scientific Name: <i>Gulo gulo luteus</i>
Common Name: San Bernardino northern flying squirrel Status: Under Review	Scientific Name: <i>Glaucomys sabrinus californicus</i>
Common Name: Tehachapi white-eared pocket mouse Status: Species of Concern	Scientific Name: <i>Perognathus alticola inexpectatus</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Colorado River cotton rat Status: Species of Concern	Scientific Name: Sigmodon arizonae plenus
Common Name: Suisun ornate shrew Status: Species of Concern	Scientific Name: Sorex ornatus sinuosus
Common Name: Salinas pocket mouse Status: Species of Concern	Scientific Name: Perognathus inornatus psammophilus
Common Name: Southern grasshopper mouse Status: Species of Concern	Scientific Name: Onychomys torridus ramona
Common Name: Channel Islands spotted skunk Status: Species of Concern	Scientific Name: Spilogale putorius amphiala
Common Name: Yuma puma Status: Species of Concern	Scientific Name: Felis concolor browni
Common Name: Island fox Status: Status Undefined	Scientific Name: Urocyon littoralis
Common Name: Jacumba little pocket mouse Status: Species of Concern	Scientific Name: Perognathus longimembris internationalis
Common Name: Spotted bat Status: Species of Concern	Scientific Name: Euderma maculatum
Common Name: Point Reyes mountain beaver Status: Species of Concern	Scientific Name: Aplodontia rufa phaea
Common Name: Monterey ornate shrew Status: Species of Concern	Scientific Name: Sorex ornatus salarius
Common Name: San Joaquin pocket mouse Status: Species of Concern	Scientific Name: Perognathus inornatus
Common Name: Northwestern San Diego pocket mouse Status: Species of Concern	Scientific Name: Perognathus fallax fallax
Common Name: Cave myotis Status: Species of Concern	Scientific Name: Myotis velifer
Common Name: California leaf-nosed bat Status: Species of Concern	Scientific Name: Macrotus californicus
Common Name: Sierra Nevada snowshoe hare Status: Species of Concern	Scientific Name: Lepus americanus tahoensis
Common Name: San Clemente deer mouse Status: Species of Concern	Scientific Name: Peromyscus maniculatus clementis
Common Name: Marysville California kangaroo rat Status: Species of Concern	Scientific Name: Dipodomys californicus eximius
Common Name: San Clemente Island fox Status: Species of Concern	Scientific Name: Urocyon littoralis clementae

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Merced kangaroo rat  
Status: Species of Concern  
Scientific Name: *Dipodomys heermanni dixonii*

Common Name: Nelson's antelope ground squirrel  
Status: Species of Concern  
Scientific Name: *Ammospermophilus nelsoni*

Common Name: Mexican long-tongued bat  
Status: Species of Concern  
Scientific Name: *Choeronycteris mexicana*

Common Name: Alameda Island mole  
Status: Species of Concern  
Scientific Name: *Scapanus latimanus parvus*

Common Name: Monterey dusky-footed woodrat  
Status: Species of Concern  
Scientific Name: *Neotoma fuscipes luciana*

Common Name: Santa Catalina ornate shrew  
Status: Species of Concern  
Scientific Name: *Sorex ornatus willetti*

Common Name: Riparian brush rabbit  
Status: Endangered  
Scientific Name: *Sylvilagus bachmani riparius*

#### Group: Reptiles

Common Name: San Diego ringneck snake  
Status: Species of Concern  
Scientific Name: *Diadophis punctatus similis*

Common Name: California horned lizard  
Status: Species of Concern  
Scientific Name: *Phrynosoma coronatum frontale*

Common Name: Coronado skink  
Status: Species of Concern  
Scientific Name: *Eumeces skiltonianus interparietalis*

Common Name: Rosy boa  
Status: Species of Concern  
Scientific Name: *Charina trivirgata*

Common Name: San Diego banded gecko  
Status: Species of Concern  
Scientific Name: *Coleonyx variegatus abbotti*

Common Name: San Bernardino ringneck snake  
Status: Species of Concern  
Scientific Name: *Diadophis punctatus modestus*

Common Name: Banded gila monster  
Status: Species of Concern  
Scientific Name: *Heloderma suspectum cinctum*

Common Name: San Diego Mountain king snake  
Status: Species of Concern  
Scientific Name: *Lampropeltis zonata pulchra*

Common Name: Panamint alligator lizard  
Status: Under Review  
Scientific Name: *Elgaria panamintina*

Common Name: Two-striped garter snake  
Status: Species of Concern  
Scientific Name: *Thamnophis hammondi*

Common Name: Santa Cruz Island gopher snake  
Status: Species of Concern  
Scientific Name: *Pituophis melanoleucus pumilis*



## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: South coast garter snake Status: Species of Concern	Scientific Name: <i>Thamnophis sirtalis</i> ssp.
Common Name: Southwestern pond turtle Status: Species of Concern	Scientific Name: <i>Actinemys marmorata pallida</i>
Common Name: Northern red diamond rattlesnake Status: Species of Concern	Scientific Name: <i>Crotalus ruber ruber</i>
Common Name: Silvery legless lizard Status: Species of Concern	Scientific Name: <i>Anniella pulchra pulchra</i>
Common Name: Southern rubber boa Status: Under Review	Scientific Name: <i>Charina bottae umbratica</i>
Common Name: Chuckwalla Status: Species of Concern	Scientific Name: <i>Sauromalus ater</i>
Common Name: San Bernardino mountain king snake Status: Species of Concern	Scientific Name: <i>Lampropeltis zonata parvirubra</i>
Common Name: Coastal rosy boa Status: Species of Concern	Scientific Name: <i>Charina trivirgata roseofusca</i>
Common Name: Sierra night lizard Status: Species of Concern	Scientific Name: <i>Xantusia vigilis sierrae</i>
Common Name: Coastal western whiptail Status: Species of Concern	Scientific Name: <i>Cnemidophorus tigris multiscutatus</i>
Common Name: Orange-throated whiptail Status: Species of Concern	Scientific Name: <i>Cnemidophorus hyperythrus</i>
Common Name: San Diego horned lizard Status: Species of Concern	Scientific Name: <i>Phrynosoma coronatum blainvillii</i>
Common Name: Coast patch-nosed snake Status: Species of Concern	Scientific Name: <i>Salvadora hexalepis virgultea</i>
Common Name: San Joaquin whipsnake Status: Species of Concern	Scientific Name: <i>Masticophis flagellum ruddocki</i>
Common Name: Mojave fringe-toed Lizard Status: Status Undefined	Scientific Name: <i>Uma scoparia</i>
Common Name: Barefoot gecko Status: Species of Concern	Scientific Name: <i>Coleonyx switaki</i>

#### Group:Snails

Common Name: Peninsula Coast Range shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta nickliniana awania</i>
Common Name: White deserts nail Status: Species of Concern	Scientific Name: <i>Eremarionta immaculata</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Newcomb's littorine snail Status: Species of Concern	Scientific Name: <i>Algamorda newcombiana</i>
Common Name: Owens springsnail Status: Species of Concern	Scientific Name: <i>Pyrgulopsis owensensis</i>
Common Name: [Unnamed] snail Status: Species of Concern	Scientific Name: <i>Valvata virens</i>
Common Name: Cockerell's striate disc Status: Species of Concern	Scientific Name: <i>Discus shemeki cockerelli</i>
Common Name: Yates' tight coin Status: Species of Concern	Scientific Name: <i>Ammonitella yatesii</i>
Common Name: San Clemente islandsnail Status: Species of Concern	Scientific Name: <i>Micrarionta gabbii</i>
Common Name: Aardhals springsnail Status: Species of Concern	Scientific Name: <i>Pyrgulopsis aardahli</i>
Common Name: Morongo desertsnail Status: Species of Concern	Scientific Name: <i>Eremarionta morongoana</i>
Common Name: Wongs springsnail Status: Species of Concern	Scientific Name: <i>Pyrgulopsis wongi</i>
Common Name: Pomo bronze shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta arrosa pomoensis</i>
Common Name: Grapevine Springs squat tryonia Status: Species of Concern	Scientific Name: <i>Tryonia rowlandsi</i>
Common Name: Victorville shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta mohaveana</i>
Common Name: Bridges' Coast Range shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta nickliniana bridgesi</i>
Common Name: Kern shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta callistoderma</i>
Common Name: [Unnamed] islandsnail Status: Species of Concern	Scientific Name: <i>Micrarionta rowelli bakerensis</i>
Common Name: California McCoy snail islandsnail Status: Species of Concern	Scientific Name: <i>Micrarionta rowelli mccoiana</i>
Common Name: Badwater snail Status: Species of Concern	Scientific Name: <i>Assiminea infima</i>
Common Name: Mimic tryonia Status: Species of Concern	Scientific Name: <i>Tryonia imitator</i>
Common Name: Williams' bronze shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta arrosa williamsi</i>

## NATURAL AREAS MAP FINDINGS

### Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Santa Barbara islandsnail Status: Species of Concern	Scientific Name: <i>Micrarionta facta</i>
Common Name: Hirsute sierra sideband Status: Species of Concern	Scientific Name: <i>Monadenia mormonum hirsuta</i>
Common Name: Yosemite mariposa sideband Status: Species of Concern	Scientific Name: <i>Monadenia hillebrandi yosemitensis</i>
Common Name: Thousand Palms desertsnaill Status: Species of Concern	Scientific Name: <i>Eremarionta millepalmarum</i>
Common Name: Button's Sierra sideband Status: Species of Concern	Scientific Name: <i>Monadenia mormonum buttoni</i>
Common Name: White Abalone Status: Endangered	Scientific Name: <i>Haliotis sorenseni</i>
Common Name: Grapevine Springs elongate tryonia Status: Species of Concern	Scientific Name: <i>Tryonia margae</i>
Common Name: Redwood shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta sequoicola consors</i>
Common Name: Merced Canyon shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta allynsmithi</i>
Common Name: Wintu sideband Status: Under Review	Scientific Name: <i>Monadenia troglodytes ssp. wintu</i>
Common Name: Globular pebblesnail Status: Under Review	Scientific Name: <i>Fluminicola sph</i>
Common Name: Fish Slough springsnail Status: Species of Concern	Scientific Name: <i>Pyrgulopsis perturbata</i>
Common Name: Santa Barbara shelled slug Status: Species of Concern	Scientific Name: <i>Binneya notabilis</i>
Common Name: Shasta sideband Status: Under Review	Scientific Name: <i>Monadenia troglodytes troglodytes</i>
Common Name: Robust tryonia Status: Species of Concern	Scientific Name: <i>Tryonia robusta</i>
Common Name: Peninsular Range shoulderband Status: Species of Concern	Scientific Name: <i>Helminthoglypta traski coelata</i>
Common Name: Catalina mountainsnail Status: Species of Concern	Scientific Name: <i>Radiocentrum avalonense</i>
Common Name: Keeled sideband Status: Species of Concern	Scientific Name: <i>Monadenia circumcarinata</i>
Common Name: San Nicolas islandsnail Status: Species of Concern	Scientific Name: <i>Micrarionta feralis</i>

# NATURAL AREAS MAP FINDINGS

## Federal Endangered Species from the U.S. Fish and Wildlife for CA State (Continued...)

Common Name: Pricklypear islandsnail  
Status: Species of Concern

Scientific Name: *Micrarionta opuntia*

Map ID	Direction	Distance	Distance (ft.)	EDR ID	Database
1	WNW	0-1/8 mi	48	CAESP00155874	CA Endangered Species
	Common Name:	San Fernando Valley spineflower			
	Scientific Name:	<i>Chorizanthe parryi</i> var. <i>fernandina</i>			
	Global Rank:	G2T1			
	State Rank:	S1.1			
	CA Rare Plant Rank:	Plants rare, threatened, or endangered in CA and elsewhere; seriously threatened in CA			
	Federal Listing Status:	Candidate			
	State Listing Status:	Endangered			
	Element Type:	Plant			
	Element Occurrence #:	10			
2	WNW	1/4-1/2 mi	1926	CAESP00155848	CA Endangered Species
	Common Name:	San Fernando Valley spineflower			
	Scientific Name:	<i>Chorizanthe parryi</i> var. <i>fernandina</i>			
	Global Rank:	G2T1			
	State Rank:	S1.1			
	CA Rare Plant Rank:	Plants rare, threatened, or endangered in CA and elsewhere; seriously threatened in CA			
	Federal Listing Status:	Candidate			
	State Listing Status:	Endangered			
	Element Type:	Plant			
	Element Occurrence #:	10			
	Common Name:	coastal California gnatcatcher			
	Scientific Name:	<i>Polioptila californica californica</i>			
	Global Rank:	G3T2			
	State Rank:	S2			
	CA Rare Plant Rank:	Not Applicable			
	Federal Listing Status:	Threatened			
	State Listing Status:	None			
	Element Type:	Animal			
	Element Occurrence #:	883			

## NATURAL AREAS MAP FINDINGS

A3  
NNE  
1/4-1/2 mi  
2013

Holding ID: 75002  
Unit Name: Carey Ranch Park  
Alternate Site Name: Not Reported  
Owning Agency: Los Angeles, City of  
Agency Jurisdiction: City  
Agency Type: City Agency  
Public Access: Open Access  
Special Use: Not Reported  
Year Acquired: 0  
GAP Designation: Not Reported  
Local Designation: City Park  
URL: Not Reported

CANAPA000066087  
CA Protected Areas

A4  
NNE  
1/4-1/2 mi  
2014

Agency: Los Angeles, City of  
Group: Local Government  
Level: City

CAGO00000034459  
CA Land Ownership

B5  
NE  
1/2-1 mi  
2691

Agency: Los Angeles, City of  
Group: Local Government  
Level: City

CAGO00000034458  
CA Land Ownership

B6  
NE  
1/2-1 mi  
2691

Holding ID: 75014  
Unit Name: Carey Ranch Park  
Alternate Site Name: Not Reported  
Owning Agency: Los Angeles, City of  
Agency Jurisdiction: City  
Agency Type: City Agency

CANAPA000066085  
CA Protected Areas

## NATURAL AREAS MAP FINDINGS

Public Access: Open Access  
Special Use: Not Reported  
Year Acquired: 0  
GAP Designation: Not Reported  
Local Designation: Not Reported  
URL: Not Reported

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B7  
NNE  
1/2-1 mi  
2961

CANAPA000066082  
CA Protected Areas

Holding ID: 75751  
Unit Name: Carey Ranch Park  
Alternate Site Name: Not Reported  
Owning Agency: Los Angeles, City of  
Agency Jurisdiction: City  
Agency Type: City Agency  
Public Access: Open Access  
Special Use: Not Reported  
Year Acquired: 0  
GAP Designation: Not Reported  
Local Designation: Not Reported  
URL: Not Reported

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B8  
NNE  
1/2-1 mi  
2961

CAGO00000034456  
CA Land Ownership

Agency: Los Angeles, City of  
Group: Local Government  
Level: City

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C9  
South  
1/2-1 mi  
3437

CAGO00000034612  
CA Land Ownership

Agency: Los Angeles, City of  
Group: Local Government  
Level: City

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C10  
South  
1/2-1 mi  
3437

CANAPA000066431  
CA Protected Areas

## NATURAL AREAS MAP FINDINGS

Holding ID: 26770  
Unit Name: Brand Park  
Alternate Site Name: Not Reported  
Owning Agency: Los Angeles, City of  
Agency Jurisdiction: City  
Agency Type: City Agency  
Public Access: Open Access  
Special Use: Not Reported  
Year Acquired: 0  
GAP Designation: Not Reported  
Local Designation: Not Reported  
URL: Not Reported

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D11  
ENE  
1/2-1 mi  
3929

CANAPA000066119  
CA Protected Areas

Holding ID: 26869  
Unit Name: Las Palmas Park  
Alternate Site Name: Not Reported  
Owning Agency: San Fernando, City of  
Agency Jurisdiction: City  
Agency Type: City Agency  
Public Access: Open Access  
Special Use: Not Reported  
Year Acquired: 0  
GAP Designation: Not Reported  
Local Designation: Not Reported  
URL: Not Reported

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D12  
ENE  
1/2-1 mi  
3929

CAGO00000034468  
CA Land Ownership

Agency: San Fernando, City of  
Group: Local Government  
Level: City

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13  
ENE  
1/2-1 mi  
4562

CAESP00156090  
CA Endangered Species

Common Name: western yellow-billed cuckoo

# NATURAL AREAS MAP FINDINGS

Scientific Name: Coccozyus americanus occidentalis  
 Global Rank: G5T3Q  
 State Rank: S1  
 CA Rare Plant Rank: Not Applicable  
 Federal Listing Status: Candidate  
 State Listing Status: Endangered  
 Element Type: Animal  
 Element Occurrence #: 74

Common Name: hoary bat  
 Scientific Name: Lasiurus cinereus  
 Global Rank: G5  
 State Rank: S4?  
 CA Rare Plant Rank: Not Applicable  
 Federal Listing Status: None  
 State Listing Status: None  
 Element Type: Animal  
 Element Occurrence #: 58

14  
 West  
 1/2-1 mi  
 4738

CANAPA000066299  
 CA Protected Areas

Holding ID: 89485  
 Unit Name: Van Norman Lakes Reservoir  
 Alternate Site Name: Not Reported  
 Owning Agency: Los Angeles, City of  
 Agency Jurisdiction: City  
 Agency Type: City Agency  
 Public Access: Open Access  
 Special Use: Not Reported  
 Year Acquired: 0  
 GAP Designation: Not Reported  
 Local Designation: Not Reported  
 URL: <http://www.laparks.org/dos/parks/facility/vanNorman.htm>

E15  
 South  
 1/2-1 mi  
 4754

CAGO00000034664  
 CA Land Ownership

Agency: Los Angeles, City of  
 Group: Local Government  
 Level: City

E16  
 South  
 1/2-1 mi  
 4754

CANAPA000066778  
 CA Protected Areas



## NATURAL AREAS MAP FINDINGS

Holding ID: 26785  
Unit Name: Andreas Pico Adobe Park  
Alternate Site Name: Not Reported  
Owning Agency: Los Angeles, City of  
Agency Jurisdiction: City  
Agency Type: City Agency  
Public Access: Open Access  
Special Use: Not Reported  
Year Acquired: 0  
GAP Designation: Not Reported  
Local Designation: Not Reported  
URL: Not Reported

---

F17  
WSW  
1/2-1 mi  
5111

Agency: Los Angeles, City of  
Group: Local Government  
Level: City

CAGO0000034565  
CA Land Ownership

---

F18  
WSW  
1/2-1 mi  
5121

Holding ID: 89833  
Unit Name: Gothic Rinaldi Park  
Alternate Site Name: Not Reported  
Owning Agency: Los Angeles, City of  
Agency Jurisdiction: City  
Agency Type: City Agency  
Public Access: Open Access  
Special Use: Not Reported  
Year Acquired: 0  
GAP Designation: Not Reported  
Local Designation: Not Reported  
URL: Not Reported

CANAPA000066344  
CA Protected Areas

---

F19  
WSW  
1/2-1 mi  
5150

Holding ID: 89833

CANAPA000066358  
CA Protected Areas

## NATURAL AREAS MAP FINDINGS

Unit Name:	Gothic Rinaldi Park
Alternate Site Name:	Not Reported
Owning Agency:	Los Angeles, City of
Agency Jurisdiction:	City
Agency Type:	City Agency
Public Access:	Open Access
Special Use:	Not Reported
Year Acquired:	0
GAP Designation:	Not Reported
Local Designation:	Not Reported
URL:	Not Reported

# Endangered Species Codes

**Global Imperilment Rank Codes - GRANK:** Priority rank (1-5) based on number of occurrences through element's range.

G1 - Critically imperiled globally because of extreme rarity (5 or fewer occurrences or very few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.

G2 - Imperiled globally because of rarity (6-20 occurrences or few remaining individuals or acres) or because of some factor(s) making it especially vulnerable to extinction.

G3 - Vulnerable. Either very rare and local throughout its range or found locally (even abundantly at some of its locations) in a restricted range. (e.g., a single western state, a physiographic region in the East) or because of other factors making it vulnerable to extinction throughout its range; in terms of occurrences, in the range of 21 - 100.

G4 - Apparently secure globally, though it may be quite rare in parts of its range, especially at the periphery.

G5 - Demonstrably secure globally, though it may be quite rare in parts of its range, especially at the periphery.

GH - Possibly extinct or eliminated. Of historical occurrence throughout its range, i.e., formerly part of the established biota, with the expectation that it may be rediscovered (e.g., Bachman's Warbler). For historic and ecological communities, no likelihood for rediscovery, but possibility of restoration (e.g., American Chestnut Forest).

GNA - Not applicable to the element at a global level. Includes Hybrids, Invasive species, species of Domestic Origin, Cultural communities, and communities that have been managed.

GNR - Rank not assigned.

GU - Unrankable. Possibly in peril range-wide but status uncertain; more information is needed.

GX - Believed to be extinct throughout range (e.g., Passenger Pigeon) with virtually no likelihood that it will be rediscovered. For an ecological community, no restoration potential.

G#G# - Rank with a range. Used to show the range of uncertainty, will not skip more than 1 rank.

T-RANKS - T subranks are given to global ranks when a subspecies, variety, or race is considered at the state level. The subrank is made up of a "T" plus a number or letter (1, 2, 3, 4, 5, H, U, X) with the same ranking rules as a full species.

**State Rank Codes - SRANK:** Priority rank (1-5) based on number of occurrences through element's range.

S1 - Critically imperiled, Extremely rare. Typically 5 or fewer estimated occurrences in the state, or only a few remaining individuals, may be especially vulnerable to extirpation.

S2 - Imperiled, very rare. Typically between 5 and 20 estimated occurrences or with many individuals in fewer occurrences, often susceptible to becoming extirpated.

S3 - Vulnerable, rare to uncommon. Typically between 21 and 100 estimated occurrences, may have fewer occurrences but with large number of individuals in some populations, may be susceptible to large-scale disturbances.

S4 - Common, apparently secure under present conditions. Typically 100 or more estimated occurrences, but may be fewer with many large populations, may be restricted to only a portion of the state, usually not susceptible to immediate threats.

S5 - Demonstrably widespread, common, and secure in the state and essentially ineradicable under present conditions.

SA - Accidental.

SH - Historically known from the state, but not verified for an extended period, usually 15 years.

SU - Unrankable, not assessed. Possibly in peril in the state, but status uncertain, more information is needed. When possible, the most likely rank is assigned and a question mark is added to show uncertainty.

SX - Apparently extirpated from state.

SNR - Unranked. The state rank not yet assessed.

SRF - Reported falsely in the state.

SE - Exotic for local area.

SZ - Birds that migrate through the state but have no identifiable location.

S#S# - State level of G#G#.

# Endangered Species Codes, (Continued...)

## General Ranking Notes

Q - A "Q" in the global rank indicates the element's taxonomic classification as a species is a matter of conjecture among scientists.

A - Accidental - far outside usual range

C - Captive or Cultivated only

HYB - Element represents an interspecific hybrid, not a species

R - Reported but not confirmed

Z - Zero Occurrences

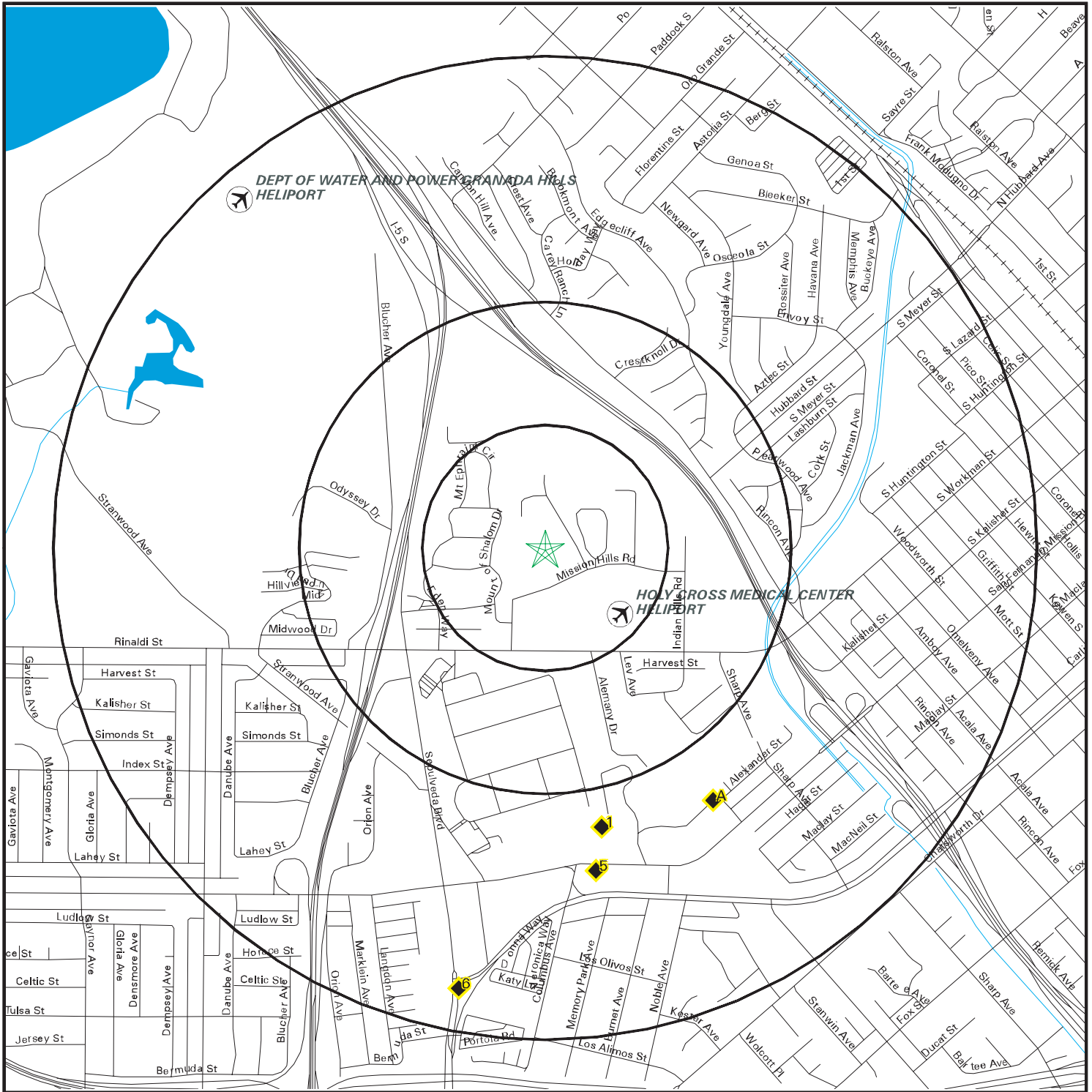
## Breeding Status Qualifiers (animals only)

B - Breeding population of the element

N - Nonbreeding population of the element

M - Migrant population

# Historic Sites Map



- ★ Target Property
- ✈ Airports
- Streets
- County Boundary
- Waterways
- Water
- Federal Historic Areas
- State Historic Areas
- US Indian Reservations
- ✈ Scenic Trail



**SITE NAME:** Proposed Land Acquisition Mission Hills  
**ADDRESS:** 15149, 15151 & Adjacent Parcel Mission Hills Road  
 Mission Hills CA 91345  
**LAT/LONG:** 34.28208 / 118.463863

**CLIENT:** Ecobility Corporation  
**CONTACT:** Michael Mooradian  
**INQUIRY #:** 5109258.14s  
**DATE:** November 15, 2017

# HISTORIC SITES MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)

EDR ID  
Database

1 SSE 1/2-1 mi 3056	<b>MISSION SAN FERNANDO REY DE ESPA?A</b> 15151 San Fernando Mission Blvd, Mission Hills Listed on the National Register of Historic Places: NPS-88002147 , CA	<b>CA201600000306</b> CA Historic Landmarks
------------------------------	---	--

Site #:	NO. 157
County:	Los Angeles
Description:	Mission San Fernando Rey de Espa?a was founded by Father Lasuen in September 8, 1797. A house belonging to Francisco Reyes, on Encino Rancho, furnished temporary shelter for the missionary in charge. An adobe chapel, built and blessed in December 1806, was damaged by the destructive earthquake of 1812 - a new church was completed in 1818.
URL:	<a href="http://ohp.parks.ca.gov/?page_id=21427">http://ohp.parks.ca.gov/?page_id=21427</a>

A2 SSE 1/2-1 mi 3254	<b>Lopez Adobe</b> 1100 Pico St. San Fernando, CA	<b>USHBX0000004511</b> National Register of Hist. Places
-------------------------------	---	---

Ref #:	71000157
Multiple Property Name:	Not Reported
County:	Los Angeles
Restricted:	Not Reported
Certification:	LISTED IN THE NATIONAL REGISTER
Certification Date:	19710506
Type:	Building
# of Contrib Bldgs:	1
# of Contrib Sites:	0
# of Contrib Objects:	0
# of Contrib Strcuts:	0
Documents:	<a href="https://npgallery.nps.gov/AssetDetail/NRIS/71000157">https://npgallery.nps.gov/AssetDetail/NRIS/71000157</a>

A3 SSE 1/2-1 mi 3254	<b>Mission San Fernando Rey de Convento Building</b> 15151 San Fernando Mission Blvd. Los Angeles, CA	<b>USHBX0000004736</b> National Register of Hist. Places
-------------------------------	---	---

Ref #:	88002147
Multiple Property Name:	Not Reported
County:	Los Angeles
Restricted:	Not Reported
Certification:	LISTED IN THE NATIONAL REGISTER
Certification Date:	19881027
Type:	Building
# of Contrib Bldgs:	1
# of Contrib Sites:	0

# HISTORIC SITES MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)

EDR ID  
Database

# of Contrib Objects: 0  
# of Contrib Structs: 0  
Documents: <https://npgallery.nps.gov/AssetDetail/NRIS/88002147>

**A4**  
**SSE**  
**1/2-1 mi**  
**3254**

**Pico, Romulo, Adobe**  
**10940 Sepulveda Blvd.**  
**Mission Hills, CA**

**USHBX0000004659**  
**National Register of Hist. Places**

Ref #: 66000211  
Multiple Property Name: Not Reported  
County: Los Angeles  
Restricted: Not Reported  
Certification: LISTED IN THE NATIONAL REGISTER  
Certification Date: 19661113  
Type: Building  
# of Contrib Bldgs: 1  
# of Contrib Sites: 0  
# of Contrib Objects: 0  
# of Contrib Structs: 0  
Documents: <https://npgallery.nps.gov/AssetDetail/NRIS/66000211>

**5**  
**South**  
**1/2-1 mi**  
**3506**

**BRAND PARK (MEMORY GARDEN)**  
**15174 San Fernando Mission Blvd**  
**Los Angeles, CA**

**CA2016000000302**  
**CA Historic Landmarks**

Site #: NO. 150  
County: Los Angeles  
Description: Brand Park, also called Memory Garden, was given to the city for a park November 4, 1920. It is a part of the original land grant of Mission San Fernando de Rey de Espa?a, and the colorful and picturesque atmosphere of the early California missions is preserved in Memory Garden.  
URL: [http://ohp.parks.ca.gov/?page\\_id=21427](http://ohp.parks.ca.gov/?page_id=21427)

**6**  
**South**  
**1/2-1 mi**  
**4817**

**ROMULO PICO ADOBE (RANCHITO ROMULO)**  
**10940 N Sepulveda Blvd**  
**Mission Hills, CA**

**CA2016000000321**  
**CA Historic Landmarks**

Site #: NO. 362  
County: Los Angeles

## HISTORIC SITES MAP FINDINGS

Map ID  
Direction  
Distance  
Distance (ft.)

EDR ID  
Database

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Description: The oldest portion of the adobe was built about 1834 by ex-mission Indians. It was enlarged by Eulogio de Celis in 1846, and an upper story added by Romulo Pico in 1874. The house was restored by Mr. and Mrs. M. R. Harrington in 1930.

URL: [http://ohp.parks.ca.gov/?page\\_id=21427](http://ohp.parks.ca.gov/?page_id=21427)



# UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status  
EDR ID  
Database

**500 Varas Square--Government Reserve**  
**Address Restricted**  
**Los Angeles, CA**

**Unmappable**  
**86000326**  
**National Register of Hist. Places**

Ref #: 86000326  
Multiple Property Name: Not Reported  
County: Los Angeles  
Restricted: X  
Certification: LISTED IN THE NATIONAL REGISTER  
Certification Date: 19860312  
Type: District  
# of Contrib Bldgs: 27  
# of Contrib Sites: 1  
# of Contrib Objects: 0  
# of Contrib Structs: 4  
Documents: <https://npgallery.nps.gov/AssetDetail/NRIS/86000326>

**Coulter's Department Store**  
**5600 Wilshire Blvd.**  
**Los Angeles, CA**

**Unmappable**  
**80004624**  
**National Register of Hist. Places**

Ref #: 80004624  
Multiple Property Name: Not Reported  
County: Los Angeles  
Restricted: Not Reported  
Certification: DATE RECEIVED/PENDING NOMINATION  
Certification Date: 19800818  
Type: Building  
# of Contrib Bldgs: 0  
# of Contrib Sites: 0  
# of Contrib Objects: 0  
# of Contrib Structs: 0  
Documents: <https://npgallery.nps.gov/AssetDetail/NRIS/80004624>

**Dodge, Walter Luther, House**  
**950 N. King Rd.**  
**Los Angeles, CA**

**Unmappable**  
**68000058**  
**National Register of Hist. Places**

Ref #: 68000058  
Multiple Property Name: Not Reported  
County: Los Angeles  
Restricted: Not Reported  
Certification: REMOVED FROM NATIONAL REGISTER  
Certification Date: 19990101

## UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

**Status  
EDR ID  
Database**

Type: Building  
 # of Contrib Bldgs: 1  
 # of Contrib Sites: 0  
 # of Contrib Objects: 0  
 # of Contrib Structs: 0  
 Documents: <https://npgallery.nps.gov/AssetDetail/NRIS/68000058>

**Lasky--DeMille Barn  
 2100 N. Highland St.  
 Los Angeles, CA**

**Unmappable  
 14000034  
 National Register of Hist. Places**

Ref #: 14000034  
 Multiple Property Name: Not Reported  
 County: Los Angeles  
 Restricted: Not Reported  
 Certification: DATE RECEIVED/PENDING NOMINATION  
 Certification Date: 20140116  
 Type: Building  
 # of Contrib Bldgs: 1  
 # of Contrib Sites: Not Reported  
 # of Contrib Objects: Not Reported  
 # of Contrib Structs: Not Reported  
 Documents: <https://npgallery.nps.gov/AssetDetail/NRIS/14000034>

**Palms Railroad Depot  
 3800 Homer St.  
 Los Angeles, CA**

**Unmappable  
 78003516  
 National Register of Hist. Places**

Ref #: 78003516  
 Multiple Property Name: Not Reported  
 County: Los Angeles  
 Restricted: Not Reported  
 Certification: DATE RECEIVED/PENDING NOMINATION  
 Certification Date: 19780919  
 Type: Building  
 # of Contrib Bldgs: 0  
 # of Contrib Sites: 0  
 # of Contrib Objects: 0  
 # of Contrib Structs: 0  
 Documents: <https://npgallery.nps.gov/AssetDetail/NRIS/78003516>

**Unmappable  
 82005153  
 National Register of Hist. Places**

# UNMAPPABLE HISTORIC SITES

Due to poor or inadequate address information, the following sites were not mapped:

Status  
EDR ID  
Database

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**Sunset Plaza Apartments**  
1220 Sunset Plaza Dr.  
Los Angeles, CA

Ref #: 82005153  
Multiple Property Name: Not Reported  
County: Los Angeles  
Restricted: Not Reported  
Certification: DATE RECEIVED/DETERMINED ELIGIBLE  
Certification Date: 19820527  
Type: Building  
# of Contrib Bldgs: 0  
# of Contrib Sites: 0  
# of Contrib Objects: 0  
# of Contrib Structs: 0  
Documents: <https://npgallery.nps.gov/AssetDetail/NRIS/82005153>

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**U. S. Post Office and Courthouse**  
312 N. Spring St.  
Los Angeles, CA

Unmappable  
80004629  
National Register of Hist. Places

Ref #: 80004629  
Multiple Property Name: Not Reported  
County: Los Angeles  
Restricted: Not Reported  
Certification: DATE RECEIVED/PENDING NOMINATION  
Certification Date: 19801018  
Type: Building  
# of Contrib Bldgs: 0  
# of Contrib Sites: 0  
# of Contrib Objects: 0  
# of Contrib Structs: 0  
Documents: <https://npgallery.nps.gov/AssetDetail/NRIS/80004629>

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**Valley Knudsen Garden House**  
3800 E. Homer St.  
Los Angeles, CA

Unmappable  
74002363  
National Register of Hist. Places

Ref #: 74002363  
Multiple Property Name: Not Reported  
County: Los Angeles  
Restricted: Not Reported  
Certification: DATE RECEIVED/PENDING NOMINATION  
Certification Date: 19740422  
Type: Building

## UNMAPPABLE HISTORIC SITES

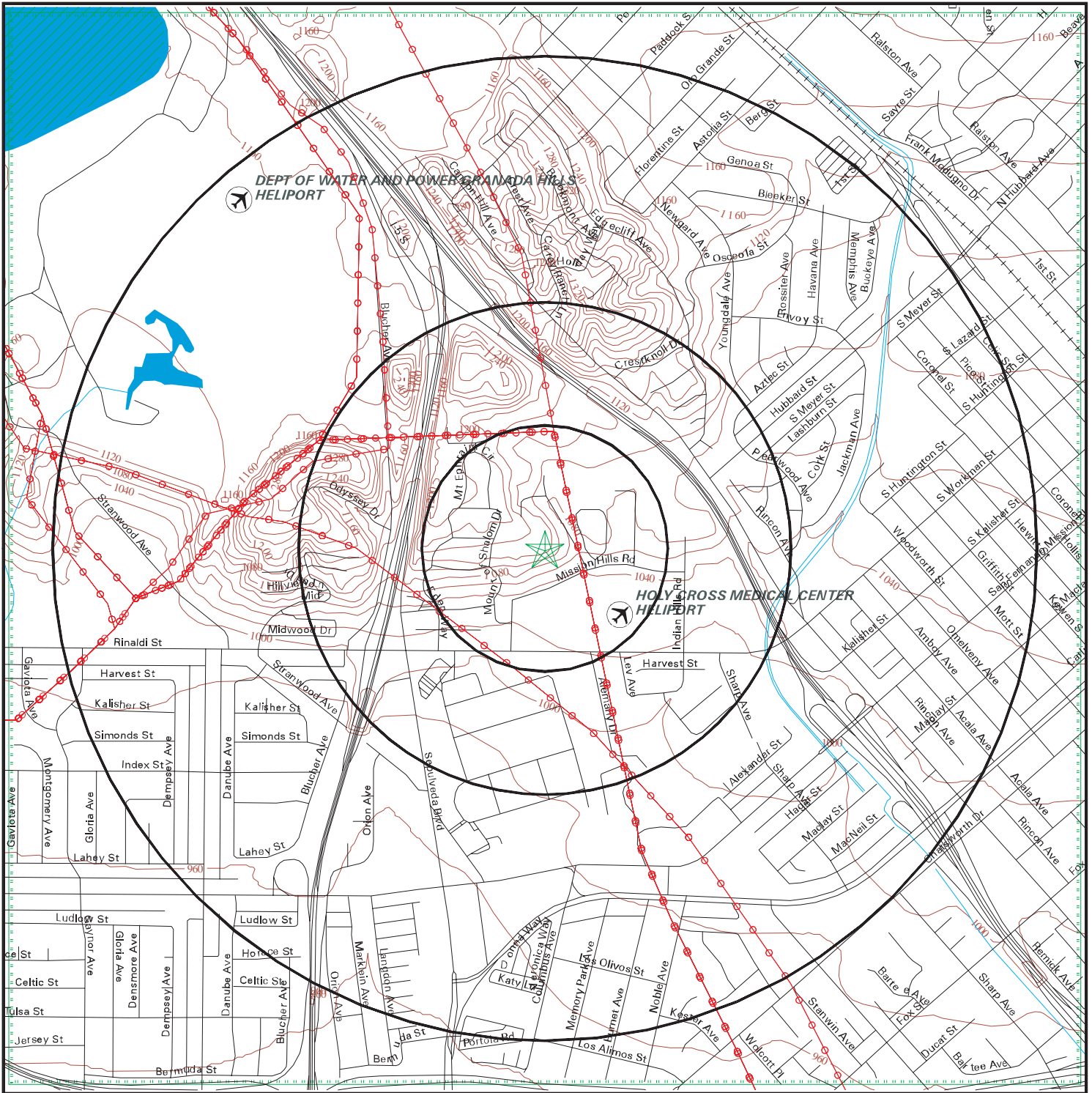
Due to poor or inadequate address information, the following sites were not mapped:














Status  
EDR ID  
Database

---

# of Contrib Bldgs:	0
# of Contrib Sites:	0
# of Contrib Objects:	0
# of Contrib Structs:	0
Documents:	<a href="https://npgallery.nps.gov/AssetDetail/NRIS/74002363">https://npgallery.nps.gov/AssetDetail/NRIS/74002363</a>

# Flood Plain Map



-  Major Roads
-  Contour Lines
-  Waterways
-  County Boundary
-  Airports
-  Power Lines
-  Pipe Lines
-  Fault Lines
-  Water
-  100-year flood zone
-  500-year flood zone
-  Electronic FEMA data available
-  Electronic FEMA data not available



SITE NAME: Proposed Land Acquisition Mission Hills  
 ADDRESS: 15149, 15151 & Adjacent Parcel Mission Hills Road  
 Mission Hills CA 91345  
 LAT/LONG: 34.28208 / 118.463863

CLIENT: Ecobility Corporation  
 CONTACT: Michael Mooradian  
 INQUIRY #: 5109258.14s  
 DATE: November 15, 2017

## FLOOD PLAIN MAP FINDINGS

Source: FEMA FIRM Flood Data, FEMA Q3 Flood Data

Flood Panel Number	FEMA Source Type
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Flood Plain panel at target property:  
06037C1075F (FEMA FIRM Flood data)

Additional Flood Plain panel(s) in search area:  
None Reported

# National Wetlands Inventory Map



-  Major Roads
-  Contour Lines
-  Waterways
-  County Boundary
-  Airports
-  Power Lines
-  Fault Lines
-  Water
-  National Wetlands Inventory
-  State Wetlands
-  Electronic NWI data available
-  Electronic NWI data not available



SITE NAME: Proposed Land Acquisition Mission Hills  
 ADDRESS: 15149, 15151 & Adjacent Parcel Mission Hills Road  
 Mission Hills CA 91345  
 LAT/LONG: 34.28208 / 118.463863

CLIENT: Ecobility Corporation  
 CONTACT: Michael Mooradian  
 INQUIRY #: 5109258.14s  
 DATE: November 15, 2017

## WETLANDS MAP FINDINGS

Source: Fish and Wildlife Service NWI data

NWI hardcopy map at target property: Not reported in source data

Additional NWI hardcopy map(s) in search area:

Not reported in source data

Map ID	Direction	Distance	Distance (ft.)	Code and Description*	Database
1	ENE	0-1/8 mi	340	PEMA [P] Palustrine [EM] Emergent [A] Temporarily Flooded Lat/Lon: 34.282490 / -118.462845	NWI
2	NE	0-1/8 mi	381	PFOA [P] Palustrine [FO] Forested [A] Temporarily Flooded Lat/Lon: 34.282902 / -118.463081	NWI
3	ESE	1/4-1/2 mi	2526	R4SBAr [R] Riverine [4] Intermittent [SB] Streambed [A] Temporarily Flooded [r] Artificial Substrate Lat/Lon: 34.279945 / -118.455910	NWI
4	SSW	1/2-1 mi	2739	R4SBAr [R] Riverine [4] Intermittent [SB] Streambed [A] Temporarily Flooded [r] Artificial Substrate Lat/Lon: 34.275532 / -118.468330	NWI
5	South	1/2-1 mi	2843	PFOAx [P] Palustrine [FO] Forested [A] Temporarily Flooded [x] Excavated Lat/Lon: 34.274380 / -118.462265	NWI
6	NW	1/2-1 mi	3523	PFOCh [P] Palustrine [FO] Forested [C] Seasonally Flooded [h] Diked/Impounded Lat/Lon: 34.287922 / -118.473160	NWI
7	NW	1/2-1 mi	3694	PSSCx [P] Palustrine [SS] Scrub Shrub [C] Seasonally Flooded [x] Excavated Lat/Lon: 34.289062 / -118.472733	NWI
8	NW	1/2-1 mi	3699	PUSAh [P] Palustrine [US] Unconsolidated Shore [A] Temporarily Flooded [h] Diked/Impounded Lat/Lon: 34.288307 / -118.473549	NWI

\*See Wetland Classification System for additional information.



## WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
9 NW 1/2-1 mi 3716	PEMFx [P] Palustrine [EM] Emergent [F] Semipermanently Flooded [x] Excavated Lat/Lon: 34.289143 / -118.472748	NWI
10 WNW 1/2-1 mi 3850	PEMFh [P] Palustrine [EM] Emergent [F] Semipermanently Flooded [h] Diked/Impounded Lat/Lon: 34.286774 / -118.475281	NWI
11 WNW 1/2-1 mi 4015	PFOCh [P] Palustrine [FO] Forested [C] Seasonally Flooded [h] Diked/Impounded Lat/Lon: 34.287014 / -118.475746	NWI
12 WNW 1/2-1 mi 4090	PUBHh [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded [h] Diked/Impounded Lat/Lon: 34.286903 / -118.476089	NWI
13 NW 1/2-1 mi 4140	PSSCx [P] Palustrine [SS] Scrub Shrub [C] Seasonally Flooded [x] Excavated Lat/Lon: 34.290417 / -118.473183	NWI
14 WNW 1/2-1 mi 4194	PEMFh [P] Palustrine [EM] Emergent [F] Semipermanently Flooded [h] Diked/Impounded Lat/Lon: 34.287251 / -118.476265	NWI
15 WNW 1/2-1 mi 4344	PUBHh [P] Palustrine [UB] Unconsolidated Bottom [H] Permanently Flooded [h] Diked/Impounded Lat/Lon: 34.287853 / -118.476448	NWI
16 NNW 1/2-1 mi 4588	PSSA [P] Palustrine [SS] Scrub Shrub [A] Temporarily Flooded Lat/Lon: 34.294144 / -118.468285	NWI
17 NNW 1/2-1 mi 4788	PEMCh [P] Palustrine [EM] Emergent [C] Seasonally Flooded [h] Diked/Impounded Lat/Lon: 34.294411 / -118.469398	NWI

\*See Wetland Classification System for additional information.

## WETLANDS MAP FINDINGS

Map ID Direction Distance Distance (ft.)	Code and Description*	Database
18 NE 1/2-1 mi 4836	R4SBA [R] Riverine [4] Intermittent [SB] Streambed [A] Temporarily Flooded Lat/Lon: 34.292370 / -118.453728	NWI
19 West 1/2-1 mi 4855	R4SBA [R] Riverine [4] Intermittent [SB] Streambed [A] Temporarily Flooded Lat/Lon: 34.282753 / -118.479919	NWI
20 NNW 1/2-1 mi 4865	PSSCh [P] Palustrine [SS] Scrub Shrub [C] Seasonally Flooded [h] Diked/Impounded Lat/Lon: 34.294529 / -118.469734	NWI
21 NNW 1/2-1 mi 4929	PEMAh [P] Palustrine [EM] Emergent [A] Temporarily Flooded [h] Diked/Impounded Lat/Lon: 34.294785 / -118.469513	NWI
22 NNW 1/2-1 mi 4983	R4SBAx [R] Riverine [4] Intermittent [SB] Streambed [A] Temporarily Flooded [x] Excavated Lat/Lon: 34.295364 / -118.467865	NWI
23 NNW 1/2-1 mi 5000	PEMAh [P] Palustrine [EM] Emergent [A] Temporarily Flooded [h] Diked/Impounded Lat/Lon: 34.295406 / -118.467880	NWI
24 NW 1/2-1 mi 5103	PSSAh [P] Palustrine [SS] Scrub Shrub [A] Temporarily Flooded [h] Diked/Impounded Lat/Lon: 34.291149 / -118.476746	NWI
25 NW 1/2-1 mi 5181	PSSAh [P] Palustrine [SS] Scrub Shrub [A] Temporarily Flooded [h] Diked/Impounded Lat/Lon: 34.290783 / -118.477432	NWI
26 NW 1/2-1 mi 5255	PSSAx [P] Palustrine [SS] Scrub Shrub [A] Temporarily Flooded [x] Excavated Lat/Lon: 34.291866 / -118.476654	NWI

\*See Wetland Classification System for additional information.

# WETLANDS CLASSIFICATION SYSTEM

National Wetland Inventory Maps are produced by the U.S. Fish and Wildlife Service, a sub-department of the U.S. Department of the Interior. In 1974, the U.S. Fish and Wildlife Service developed a criteria for wetland classification with four long range objectives:

- to describe ecological units that have certain homogeneous natural attributes,
- to arrange these units in a system that will aid decisions about resource management,
- to furnish units for inventory and mapping, and
- to provide uniformity in concepts and terminology throughout the U.S.

High altitude infrared photographs, soil maps, topographic maps and site visits are the methods used to gather data for the productions of these maps. In the infrared photos, wetlands appear as different colors and these wetlands are then classified by type. Using a hierarchical classification, the maps identify wetland and deepwater habitats according to:

- system
- subsystem
- class
- subclass
- modifiers

(as defined by Cowardin, et al. U.S. Fish and Wildlife Service FWS/OBS 79/31. 1979.)

The classification system consists of five systems:

1. marine
2. estuarine
3. riverine
4. lacustrine
5. palustrine

The marine system consists of deep water tidal habitats and adjacent tidal wetlands. The riverine system consists of all wetlands contained within a channel. The lacustrine systems includes all nontidal wetlands related to swamps, bogs & marshes. The estuarine system consists of deepwater tidal habitats and where ocean water is diluted by fresh water. The palustrine system includes nontidal wetlands dominated by trees and shrubs and where salinity is below .5% in tidal areas. All of these systems are divided in subsystems and then further divided into class.

National Wetland Inventory Maps are produced by transferring gathered data on a standard 7.5 minute U.S.G.S. topographic map. Approximately 52 square miles are covered on a National Wetland Inventory map at a scale of 1:24,000. Electronic data is compiled by digitizing these National Wetland Inventory Maps.

**SYSTEM**

**MARINE**

**SUBSYSTEM**

**1 - SUBTIDAL**

**2 - INTERTIDAL**

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom	AB-AQUATIC BED	RF-REEF	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm		1 Algal 3 Rooted Vascular 5 Unknown Submergent	1 Coral 3 Worm	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic

**SYSTEM**

**E - ESTUARINE**

**SUBSYSTEM**

**1 - SUBTIDAL**

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RF-REEF	OW-OPEN WATER / Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	

**SUBSYSTEM**

**2 - INTERTIDAL**

CLASS	AB-AQUATIC BED	RF-REEF	SB - STREAMBED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	SS-SCRUB SHRUB	FO-FORESTED
Subclass	1 Algal 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	2 Mollusk 3 Worm	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Persistent 2 Nonpersistent	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved Deciduous 2 Needle-Leaved Deciduous 3 Broad-Leaved Evergreen 4 Needle-Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen

**SYSTEM**

**R - RIVERINE**

**SUBSYSTEM**

**1 - TIDAL      2 - LOWER PERENNIAL      3 - UPPER PERENNIAL      4 - INTERMITTENT      5 - UNKNOWN PERENNIAL**

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	*SB-STREAMBED	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	**EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Mud 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

\* STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS, and comprises the only CLASS in the INTERMITTENT SUBSYSTEM.  
 \*\*EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS.

**SYSTEM**

**L - LACUSTRINE**

**SUBSYSTEM**

**1 - LIMNETIC**

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	

**SUBSYSTEM**

**2 - LITTORAL**

CLASS	RB-ROCK BOTTOM	UB-UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	RS-ROCKY SHORE	US-UNCONSOLIDATED SHORE	EM-EMERGENT	OW-OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	2 Nonpersistent	

**SUBSYSTEM**

**P - PALUSTRINE**

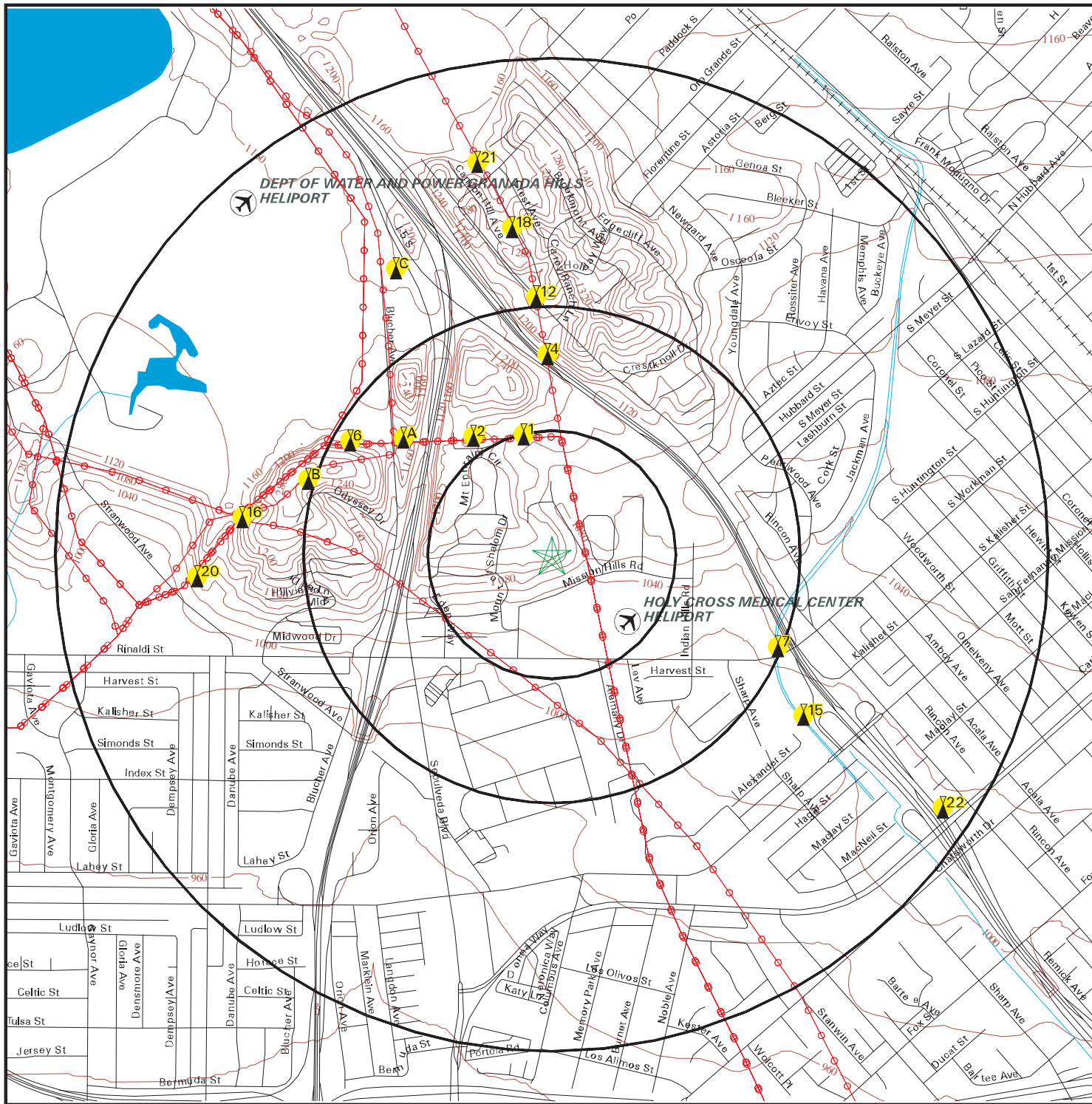
CLASS	RB--ROCK BOTTOM	UB--UNCONSOLIDATED BOTTOM	AB-AQUATIC BED	US--UNCONSOLIDATED SHORE	ML--MOSS- LICHEN	EM--EMERGENT	SS--SCRUB-SHRUB	FO--FORESTED	OW-OPEN WATER/ Unknown
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble-Gravel 2 Sand	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown 6 Unknown Surface	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic 5 Vegetated	1 Moss 2 Lichen	1 Persistent 2 Nonpersistent	1 Broad-Leaved 2 Needle-Leaved 3 Broad-Leaved 4 Needle-Leaved 5 Dead 6 Deciduous 7 Evergreen	1 Broad-Leaved 2 Needle-Leaved 3 Broad-Leaved 4 Needle-Leaved 5 Dead 6 Deciduous 7 Evergreen	

**MODIFIERS**

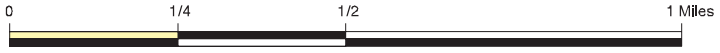
In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The farmed modifier may also be applied to the ecological system.

WATER REGIME				WATER CHEMISTRY			SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Halinity	Inland Salinity	pH	all Fresh Water			
A Temporarily Flooded	H Permanently Flooded	K Artificially Flooded	*S Temporary-Tidal		1 Hyperhaline	7 Hypersaline	g Organic	b Beaver
B Saturated	J Intermittently Flooded	L Subtidal	*R Seasonal-Tidal		2 Euhaline	8 Eusaline	n Mineral	d Partially Drained/Ditched
C Seasonally Flooded	K Artificially Flooded	M Irregularly Exposed	*T Semipermanent -Tidal		3 Mixohaline (Brackish)	9 Mixosaline	a Acid	f Farmed
D Seasonally Flooded/ Well Drained	W Intermittently Flooded/Temporary	N Regularly Flooded	V Permanent -Tidal		4 Polyhaline	0 Fresh	t Circumneutral	h Diked/Impounded
E Seasonally Flooded/ Saturated	Y Saturated/Semipermanent/ Seasonal	P Irregularly Flooded	U Unknown		5 Mesohaline		i Alkaline	r Artificial Substrate
F Semipermanently Flooded	Z Intermittently Exposed/Permanent	*These water regimes are only used in tidally influenced, freshwater systems.			6 Oligohaline			s Spoil
G Intermittently Exposed	U Unknown				0 Fresh			x Excavated

# FCC & FAA Sites Map



-  Streets
-  Contour Lines
-  County Boundary
-  Waterways
-  Power Lines
-  Water
-  Airports
-  Sites



**SITE NAME:** Proposed Land Acquisition Mission Hills  
**ADDRESS:** 15149, 15151 & Adjacent Parcel Mission Hills Road  
 Mission Hills CA 91345  
**LAT/LONG:** 34.28208 / 118.463863

**CLIENT:** Ecobility Corporation  
**CONTACT:** Michael Mooradian  
**INQUIRY #:** 5109258.14s  
**DATE:** November 15, 2017

# FCC & FAA SITES MAP FINDINGS TOWERS

**Map ID**  
**Direction**  
**Distance**  
**Distance (ft.)**

**EDR ID**  
**Database**

1  
NNW  
1/8-1/4 mi  
1317

DOF161200031763  
FAA DOF

Obstacle #: 06-038805  
Obstacle Type: CATENARY  
Quantity: 1  
Ft Above Ground: 145  
Ft Above Sea Level: 1284  
Verification Status: Verified  
Lighting: None  
Horizontal Accuracy: +/- 500 ft  
Vertical Accuracy: +/- 125 ft  
Markings: None  
Action: Add  
Action Date: 2016155

2  
NNW  
1/4-1/2 mi  
1514

DOF161200031762  
FAA DOF

Obstacle #: 06-038802  
Obstacle Type: CATENARY  
Quantity: 1  
Ft Above Ground: 99  
Ft Above Sea Level: 1299  
Verification Status: Verified  
Lighting: None  
Horizontal Accuracy: +/- 500 ft  
Vertical Accuracy: +/- 125 ft  
Markings: None  
Action: Add  
Action Date: 2016155



## FCC & FAA SITES MAP FINDINGS TOWERS

**Map ID**  
**Direction**  
**Distance**  
**Distance (ft.)**

**EDR ID**  
**Database**

A3  
NW  
1/4-1/2 mi  
1883

DOF161200031760  
FAA DOF

Obstacle #: 06-038803  
Obstacle Type: CATENARY  
Quantity: 1  
Ft Above Ground: 170  
Ft Above Sea Level: 1309  
Verification Status: Verified  
Lighting: None  
Horizontal Accuracy: +/- 500 ft  
Vertical Accuracy: +/- 125 ft  
Markings: None  
Action: Add  
Action Date: 2016155

4  
North  
1/4-1/2 mi  
2136

DOF161200031767  
FAA DOF

Obstacle #: 06-038799  
Obstacle Type: CATENARY  
Quantity: 1  
Ft Above Ground: 170  
Ft Above Sea Level: 1310  
Verification Status: Verified  
Lighting: None  
Horizontal Accuracy: +/- 500 ft  
Vertical Accuracy: +/- 125 ft  
Markings: None  
Action: Add  
Action Date: 2016155

# FCC & FAA SITES MAP FINDINGS TOWERS

**Map ID**  
**Direction**  
**Distance**  
**Distance (ft.)**

**EDR ID**  
**Database**

A5  
 NW  
 1/4-1/2 mi  
 2142

DOF161200031761  
 FAA DOF

Obstacle #: 06-039155  
 Obstacle Type: TOWER  
 Quantity: 1  
 Ft Above Ground: 182  
 Ft Above Sea Level: 1323  
 Verification Status: Unverified  
 Lighting: None  
 Horizontal Accuracy: +/- 250 ft  
 Vertical Accuracy: +/- 50 ft  
 Markings: None  
 Action: Add  
 Action Date: 2016239

6  
 WNW  
 1/4-1/2 mi  
 2468

DOF161200031759  
 FAA DOF

Obstacle #: 06-038804  
 Obstacle Type: CATENARY  
 Quantity: 1  
 Ft Above Ground: 150  
 Ft Above Sea Level: 1338  
 Verification Status: Verified  
 Lighting: None  
 Horizontal Accuracy: +/- 500 ft  
 Vertical Accuracy: +/- 125 ft  
 Markings: None  
 Action: Add  
 Action Date: 2016155

## FCC & FAA SITES MAP FINDINGS TOWERS

**Map ID**  
**Direction**  
**Distance**  
**Distance (ft.)**

**EDR ID**  
**Database**

7  
ESE  
1/4-1/2 mi  
2594

ANT130000111327  
ANTREG

Registration #: 1270450  
File #: A0777097  
Issue Date: 9/4/2009  
Entity: SpectraSite Communications, LLC. through American Towers, LLC.  
Height: 21.6  
Address: 14801 Rinaldi St. (Holy Cross Rebuild# 310984)  
FAA Study: 2009-AWP-3535-OE  
FAA Circular: Not Reported  
License ID: L00132178  
Contact Name: FAA/FCC Compliance Dept.  
Contact Address: 1101 Perimeter Drive  
Contact City: Schaumburg  
Contact State: IL  
Contact Zip: 60173  
ASR Search: <http://wireless2.fcc.gov/UlsApp/AsrSearch/asrRegistrationSearch.jsp>

This record is for a license, and it may or may not indicate a site which has been built.

B8  
WNW  
1/4-1/2 mi  
2635

ANT130000010294  
ANTREG

Registration #: 1013606  
File #: A0385362  
Issue Date: 7/2/2004  
Entity: Liberman Broadcasting, Inc.  
Height: 82  
Address: 15600 1/2 ODYSSEY DR  
FAA Study: 90-AWP-177-OE  
FAA Circular: Not Reported  
License ID: L00346869  
Contact Name: Chris Buchanan  
Contact Address: 1845 Empire Avenue  
Contact City: Burbank  
Contact State: CA  
Contact Zip: 91504  
ASR Search: <http://wireless2.fcc.gov/UlsApp/AsrSearch/asrRegistrationSearch.jsp>

This record is for a license, and it may or may not indicate a site which has been built.

## FCC & FAA SITES MAP FINDINGS TOWERS

**Map ID**  
**Direction**  
**Distance**  
**Distance (ft.)**

**EDR ID**  
**Database**

B9  
WNW  
1/2-1 mi  
2671

FMT13000004229  
FM\_ANTENNA

Call Sign: KCAQ-FM2  
Frequency: 104.7 MHz  
Service: FB  
Class: D  
Status: LIC  
File #: BLFTB -20100105ABF  
Facility ID: 165418  
Licensee: POINT FOUR LLC

This record is for a license, and it may or may not indicate a site which has been built.

B10  
WNW  
1/2-1 mi  
2671

FMT13000004155  
FM\_ANTENNA

Call Sign: KBUA  
Frequency: 94.3 MHz  
Service: FS  
Class: A  
Status: LIC  
File #: BXLH -19991001ABV  
Facility ID: 10097  
Licensee: LBI RADIO LICENSE LLC

This record is for a license, and it may or may not indicate a site which has been built.

# FCC & FAA SITES MAP FINDINGS TOWERS

**Map ID**  
**Direction**  
**Distance**  
**Distance (ft.)**

**EDR ID**  
**Database**

B11  
WNW  
1/2-1 mi  
2671

FMT13000004154  
FM\_ANTENNA

Call Sign: KBUA  
Frequency: 94.3 MHz  
Service: FM  
Class: A  
Status: LIC  
File #: BLH -20041223ACC  
Facility ID: 10097  
Licensee: LBI RADIO LICENSE LLC

This record is for a license, and it may or may not indicate a site which has been built.

12  
North  
1/2-1 mi  
2752

DOF161200031770  
FAA DOF

Obstacle #: 06-038796  
Obstacle Type: CATENARY  
Quantity: 1  
Ft Above Ground: 110  
Ft Above Sea Level: 1357  
Verification Status: Verified  
Lighting: None  
Horizontal Accuracy: +/- 500 ft  
Vertical Accuracy: +/- 125 ft  
Markings: None  
Action: Add  
Action Date: 2016148

# FCC & FAA SITES MAP FINDINGS TOWERS

**Map ID**  
**Direction**  
**Distance**  
**Distance (ft.)**

**EDR ID**  
**Database**

B13  
WNW  
1/2-1 mi  
2762

DOF161200031756  
FAA DOF

Obstacle #: 06-002043  
Obstacle Type: TOWER  
Quantity: 1  
Ft Above Ground: 266  
Ft Above Sea Level: 1534  
Verification Status: Verified  
Lighting: Medium Intensity White Strobe  
Horizontal Accuracy: +/- 20 ft  
Vertical Accuracy: +/- 10 ft  
Markings: None  
Action: Change  
Action Date: 2012152

B14  
WNW  
1/2-1 mi  
2875

DOF161200031758  
FAA DOF

Obstacle #: 06-038807  
Obstacle Type: CATENARY  
Quantity: 1  
Ft Above Ground: 109  
Ft Above Sea Level: 1398  
Verification Status: Verified  
Lighting: None  
Horizontal Accuracy: +/- 500 ft  
Vertical Accuracy: +/- 125 ft  
Markings: None  
Action: Add  
Action Date: 2016155

## FCC & FAA SITES MAP FINDINGS TOWERS

**Map ID**  
**Direction**  
**Distance**  
**Distance (ft.)**

**EDR ID**  
**Database**

15  
ESE  
1/2-1 mi  
3173

ANT130000109883  
ANTREG

Registration #: 1268934  
File #: A0705058  
Issue Date: 11/11/2010  
Entity: SBA Towers III LLC  
Height: 17.4  
Address: 14800 Rinaldi St  
FAA Study: 2009-AWP-2154-OE  
FAA Circular: Not Reported  
License ID: L01590937  
Contact Name: Edward G. Roach  
Contact Address: 5900 Broken Sound Pkwy NW  
Contact City: Boca Raton  
Contact State: FL  
Contact Zip: 33487  
ASR Search: <http://wireless2.fcc.gov/UlsApp/AsrSearch/asrRegistrationSearch.jsp>

This record is for a license, and it may or may not indicate a site which has been built.

16  
West  
1/2-1 mi  
3317

DOF161200031755  
FAA DOF

Obstacle #: 06-038808  
Obstacle Type: CATENARY  
Quantity: 1  
Ft Above Ground: 179  
Ft Above Sea Level: 1318  
Verification Status: Verified  
Lighting: None  
Horizontal Accuracy: +/- 500 ft  
Vertical Accuracy: +/- 125 ft  
Markings: None  
Action: Add  
Action Date: 2016155

## FCC & FAA SITES MAP FINDINGS TOWERS

**Map ID**  
**Direction**  
**Distance**  
**Distance (ft.)**

**EDR ID**  
**Database**

C17  
NNW  
1/2-1 mi  
3320

ANT130000093496  
ANTREG

Registration #: 1250331  
File #: A0769008  
Issue Date: 5/8/2012  
Entity: New Cingular Wireless PCS, LLC  
Height: 19.2  
Address: 12000 N. BLUCHER AVE.  
FAA Study: 2005-AWP-3539-OE  
FAA Circular: Not Reported  
License ID: L00024153  
Contact Name: FCC Group  
Contact Address: 5601 Legacy Drive, MS: A-3  
Contact City: Plano  
Contact State: TX  
Contact Zip: 75024  
ASR Search: <http://wireless2.fcc.gov/UlsApp/AsrSearch/asrRegistrationSearch.jsp>

This record is for a license, and it may or may not indicate a site which has been built.

18  
North  
1/2-1 mi  
3509

DOF161200031771  
FAA DOF

Obstacle #: 06-038798  
Obstacle Type: CATENARY  
Quantity: 1  
Ft Above Ground: 115  
Ft Above Sea Level: 1353  
Verification Status: Verified  
Lighting: None  
Horizontal Accuracy: +/- 500 ft  
Vertical Accuracy: +/- 125 ft  
Markings: None  
Action: Add  
Action Date: 2016148



## FCC & FAA SITES MAP FINDINGS TOWERS

**Map ID**  
**Direction**  
**Distance**  
**Distance (ft.)**

**EDR ID**  
**Database**

C19  
NNW  
1/2-1 mi  
3616

ANT130000111669  
ANTREG

Registration #: 1270801  
File #: A0664052  
Issue Date: 9/24/2009  
Entity: Los Angeles SMSA Limited Partnership  
Height: 18.3  
Address: 12000 N. Blucher Ave.  
FAA Study: 2009-AWP-3618-OE  
FAA Circular: Not Reported  
License ID: L00001516  
Contact Name: Network Regulatory  
Contact Address: 1120 Sanctuary Pkwy, # 150 GASA5REG  
Contact City: Alhparetta  
Contact State: GA  
Contact Zip: 30009  
ASR Search: <http://wireless2.fcc.gov/UlsApp/AsrSearch/asrRegistrationSearch.jsp>

This record is for a license, and it may or may not indicate a site which has been built.

20  
West  
1/2-1 mi  
3780

DOF161200031752  
FAA DOF

Obstacle #: 06-038814  
Obstacle Type: CATENARY  
Quantity: 1  
Ft Above Ground: 148  
Ft Above Sea Level: 1185  
Verification Status: Verified  
Lighting: None  
Horizontal Accuracy: +/- 500 ft  
Vertical Accuracy: +/- 125 ft  
Markings: None  
Action: Add  
Action Date: 2016155

## FCC & FAA SITES MAP FINDINGS TOWERS

**Map ID**  
**Direction**  
**Distance**  
**Distance (ft.)**

**EDR ID**  
**Database**

21  
North  
1/2-1 mi  
4249

DOF161200031774  
FAA DOF

Obstacle #: 06-038810  
Obstacle Type: CATENARY  
Quantity: 1  
Ft Above Ground: 104  
Ft Above Sea Level: 1309  
Verification Status: Verified  
Lighting: None  
Horizontal Accuracy: +/- 500 ft  
Vertical Accuracy: +/- 125 ft  
Markings: None  
Action: Add  
Action Date: 2016155

22  
ESE  
1/2-1 mi  
4946

ANT130000093025  
ANTREG

Registration #: 1249810  
File #: A0768994  
Issue Date: 5/8/2012  
Entity: New Cingular Wireless PCS, LLC  
Height: 19.5  
Address: 11273 LAUREL CANYON ROAD  
FAA Study: 01-AWP-4703-OE  
FAA Circular: Not Reported  
License ID: L00024153  
Contact Name: FCC Group  
Contact Address: 5601 Legacy Drive, MS: A-3  
Contact City: Plano  
Contact State: TX  
Contact Zip: 75024  
ASR Search: <http://wireless2.fcc.gov/UlsApp/AsrSearch/asrRegistrationSearch.jsp>

This record is for a license, and it may or may not indicate a site which has been built.

# FCC & FAA SITES MAP FINDINGS

## AIRPORTS

EDR ID  
Database

ARPT001589  
AIRPORTS

Landing Facility Name: HOLY CROSS MEDICAL CENTER  
Type: HELIPORT  
Owner Name: HOLY CROSS MEDICAL CENTER  
Owner Address: 15031 RINALDI ST  
MISSION HILLS, CA 91345  
Manager Name: EDWARD LORD, DIR OF FAC  
Manager Address: 15031 RINALDI ST  
MISSION HILLS, CA 91345  
Manager Phone: (818) 496-4421  
Elevation (ft): 1031  
Aeronautical Chart: LOS ANGELES

ARPT001355  
AIRPORTS

Landing Facility Name: DEPT OF WATER AND POWER GRANADA HILLS  
Type: HELIPORT  
Owner Name: LOS ANGELES DEPT OF WATER & POWER  
Owner Address: 111 N. HOPE ST - 13TH FLOOR  
LOS ANGELES, CA 90012  
Manager Name: MICHAEL FINNIGAN  
Manager Address: 14401 SATICOY ST., BLDG. 6, 3RD FLOOR  
VAN NUYS, CA 91405  
Manager Phone: 818-771-3138  
Elevation (ft): 1124  
Aeronautical Chart: LOS ANGELES

# FCC & FAA SITES MAP FINDINGS POWERLINES

EDR ID  
Database

109526  
POWERLINES

Voltage: 60  
Range: Yes  
Hi voltage: 92  
Volt cat: 0-69 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Edison International  
Owner id: EDISONIN  
Num owners: Single Owner  
Operator: Southern California Edison  
Operator id: SCE  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 8.827147679999995

107953  
POWERLINES

Voltage: 60  
Range: Yes  
Hi voltage: 92  
Volt cat: 0-69 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Edison International  
Owner id: EDISONIN  
Num owners: Single Owner  
Operator: Southern California Edison  
Operator id: SCE  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 8.827147679999995

46345  
POWERLINES

Voltage: 0  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 0-69 kV  
Type: Alternating current

# FCC & FAA SITES MAP FINDINGS

## POWERLINES

EDR ID  
Database

Status: Active  
Corridor: Multiple lines  
Owner: Not Reported  
Owner id: Not Reported  
Num owners: Single Owner  
Operator: Not Reported  
Operator id: Not Reported  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 8.1018447800000004

108246  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 9.3261438400000003

89474  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP

# FCC & FAA SITES MAP FINDINGS

## POWERLINES

EDR ID  
Database

---

Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 8.1018447800000004

---

89307  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 9.3261438400000003

---

29815  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 9.3261438400000003

# FCC & FAA SITES MAP FINDINGS

## POWERLINES

EDR ID  
Database

7114  
POWERLINES

Voltage: 60  
Range: Yes  
Hi voltage: 92  
Volt cat: 0-69 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Edison International  
Owner id: EDISONIN  
Num owners: Single Owner  
Operator: Southern California Edison  
Operator id: SCE  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 10.72310371

108092  
POWERLINES

Voltage: 60  
Range: Yes  
Hi voltage: 92  
Volt cat: 0-69 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Edison International  
Owner id: EDISONIN  
Num owners: Single Owner  
Operator: Southern California Edison  
Operator id: SCE  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 6.3880149499999996

7422  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current

# FCC & FAA SITES MAP FINDINGS

## POWERLINES

EDR ID  
Database

---

Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 9.2873942300000003

---

31472  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 6.6270971699999999

---

5018  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP



# FCC & FAA SITES MAP FINDINGS POWERLINES

EDR ID  
Database

---

Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 6.6270971699999999

---

88818  
POWERLINES

Voltage: 0  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 0-69 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Not Reported  
Owner id: Not Reported  
Num owners: Single Owner  
Operator: Not Reported  
Operator id: Not Reported  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 6.6270971699999999

---

92144  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 6.6270971699999999

# FCC & FAA SITES MAP FINDINGS

## POWERLINES

EDR ID  
Database

92420  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 6.6270971699999999

109425  
POWERLINES

Voltage: 500  
Range: Not Reported  
Hi voltage: 0  
Volt cat: DC  
Type: Direct current  
Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 2.8141766100000001

28147  
POWERLINES

Voltage: 60  
Range: Yes  
Hi voltage: 92  
Volt cat: 0-69 kV  
Type: Alternating current

# FCC & FAA SITES MAP FINDINGS

## POWERLINES

EDR ID  
Database

---

Status: Active  
Corridor: Multiple lines  
Owner: Edison International  
Owner id: EDISONIN  
Num owners: Single Owner  
Operator: Southern California Edison  
Operator id: SCE  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 49.866651330000003

---

88317  
POWERLINES

Voltage: 60  
Range: Yes  
Hi voltage: 92  
Volt cat: 0-69 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Edison International  
Owner id: EDISONIN  
Num owners: Single Owner  
Operator: Southern California Edison  
Operator id: SCE  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 75.687018890000004

---

5726  
POWERLINES

Voltage: 0  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 0-69 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Not Reported  
Owner id: Not Reported  
Num owners: Single Owner  
Operator: Not Reported  
Operator id: Not Reported

# FCC & FAA SITES MAP FINDINGS POWERLINES

EDR ID  
Database

---

Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 75.68271403

---

13926  
POWERLINES

Voltage: 0  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 0-69 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Not Reported  
Owner id: Not Reported  
Num owners: Single Owner  
Operator: Not Reported  
Operator id: Not Reported  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 49.866651330000003

---

3841  
POWERLINES

Voltage: 0  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 0-69 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Not Reported  
Owner id: Not Reported  
Num owners: Single Owner  
Operator: Not Reported  
Operator id: Not Reported  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 2.6388017600000002

# FCC & FAA SITES MAP FINDINGS

## POWERLINES

EDR ID  
Database

6266  
POWERLINES

Voltage: 0  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 0-69 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Not Reported  
Owner id: Not Reported  
Num owners: Single Owner  
Operator: Not Reported  
Operator id: Not Reported  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 2.9217823599999999

66468  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 2.9357775699999999

6472  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current

# FCC & FAA SITES MAP FINDINGS

## POWERLINES

EDR ID  
Database

---

Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 3.2250968499999999

---

65082  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 2.9357775699999999

---

28968  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP

# FCC & FAA SITES MAP FINDINGS POWERLINES

EDR ID  
Database

---

Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 2.9357775699999999

---

90847  
POWERLINES

Voltage: 0  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 0-69 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Not Reported  
Owner id: Not Reported  
Num owners: Single Owner  
Operator: Not Reported  
Operator id: Not Reported  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 3.2250968499999999

---

66801  
POWERLINES

Voltage: 230  
Range: Not Reported  
Hi voltage: 0  
Volt cat: 139-230 kV  
Type: Alternating current  
Status: Active  
Corridor: Multiple lines  
Owner: Los Angeles Dept. of Water and Power  
Owner id: LADWP  
Num owners: Single Owner  
Operator: Los Angeles Dept. of Water and Power  
Operator id: LADWP  
Last owner: Not Reported  
Last own id: Not Reported  
Last oper: Not Reported  
Last oper id: Not Reported  
Mileage: 2.9357775699999999

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Various Federal laws and executive orders address specific environmental concerns. NEPA requires the responsible offices to integrate to the greatest practical extent the applicable procedures required by these laws and executive orders. EDR provides key contacts at agencies charged with implementing these laws and executive orders to supplement the information contained in this report.

### **NATURAL AREAS**

#### **Wilderness Areas**

##### Government Records Searched in This Report

##### FED\_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

##### US NWP: National Wilderness Preservation System

This map layer consists of National Wilderness Preservation System areas of 320 acres or more, in the United States, Puerto Rico, and the U.S. Virgin Islands. Some established wilderness areas which are larger than 320 acres are not included in this map layer because their boundaries were not available from the owning or administering agency.

Source: U.S. Geological Survey.

Telephone: 888-275-8747

##### Federal Contacts for Additional Information

##### National Park Service, Pacific West Region

600 Harrison Street, Suite 600

San Francisco, CA 94107

415-427-1300

##### USDA Forest Service, Pacific Southwest

630 Sansome Street

San Francisco, CA 94111

415-705-2557

##### BLM - California State Office

2800 Cottage Way, Room W-1834

Sacramento, CA 95825-1886

916-978-4400

##### Fish & Wildlife Service, Fish & Wildlife Region 8

2800 Cottage Way W-2606

Sacramento, CA 95825

916-414-6464



## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### **Wildlife Preserves, Sanctuaries and Refuges**

#### Government Records Searched in This Report

##### FED\_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

##### CA Conservation Easement: Conservation Easement Database

The California Conservation Easement Database (CCED) contains GIS data for conservation and open space easements for public and private property.

Source: GreenInfo Network.

Telephone: 510-350-8700

##### CA Land Ownership: CA Land Ownership

Statewide GIS layer of land ownership, compiled from multiple data sources and snapped to county parcels.

Source: Cal Fire.

Telephone: 916-653-5123

##### CA PCT Lands: CA Public, Conservation and Trust Lands

A 1:100,000 polygon features class representing public, conservation and trust land ownership in the state of California. Developed for the California Resources Agency Legacy Project, this dataset depicts ownership features as submitted by major public, trust, and non-profit groups in the state.

Source: California Resources Agency.

Telephone: 510-653-1369

##### CA ACEC: Areas of Critical Environmental Concern

BLM Areas of Critical Environmental Concern in California

Source: Bureau of Land Management.

Telephone: 916-978-4400

##### CA Protected Areas: Protected Areas Database

The California Protected Areas Database (CPAD) contains GIS data about lands that are owned in fee and protected for open space purposes by over 1,000 public agencies or non-profit organizations.

Source: GreenInfo Network.

Telephone: 510-350-8700

##### US Critical Water Habitat: US Critical Water Habitat

When a species is proposed for listing as endangered or threatened under the Endangered Species Act, the U.S.

Fish and Wildlife Service must consider whether there are areas of habitat believed to be essential the species conservation.

Those areas may be proposed for designation as critical habitat. Critical habitat is a term defined and used in the Act.

Source: US Fish & Wildlife Services.

Telephone: 970-226-9468

##### US Critical Land Habitat: US Critical Land Habitat

When a species is proposed for listing as endangered or threatened under the Endangered Species Act, the U.S.

Fish and Wildlife Service must consider whether there are areas of habitat believed to be essential the species conservation.

Those areas may be proposed for designation as critical habitat. Critical habitat is a term defined and used in the Act.

Source: US Fish & Wildlife Services.

Telephone: 970-226-9468

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### US ACEC: Areas of Critical Environmental Concern Designated Polygons

The designated ACECs are "areas within the public lands where special management attention is required to protect and prevent irreparable damage to important historic, cultural, or scenic values, fish and wildlife resources or other natural systems of processes, or to protect life and safety from natural hazards

Source: Bureau of Land Management.

Telephone: 202-912-7352

### US Scenic River: National Wild and Scenic River System

National Wild and Scenic Rivers System

Source: USGS National Atlas and the Interagency Wild and Scenic River Coordinating Council.

Telephone: 509-546-8333

### US NCED: National Conservation Easement Database

NCED shows a comprehensive picture of privately owned conservation easement lands in the U.S. The NCED will allow better strategic planning for conservation and development by merging data on land protection with biodiversity and resources, improving ecological and economic plans and investments.

Source: U.S Endowment for Forestry and Communities.

Telephone: 202-621-1647

### Federal Contacts for Additional Information

Fish & Wildlife Service, Fish & Wildlife Region 8

2800 Cottage Way W-2606

Sacramento, CA 95825

916-414-6464

### State Contacts for Additional Information

Department of Fish & Game 916-653-7667

### **Wild and scenic rivers**

#### Government Records Searched in This Report

FED\_LAND: Federal Lands

Source: USGS

Telephone: 703-648-5094

Federal data from Bureau of Land Management, National Park Service, Forest Service, and Fish and Wildlife Service.

- National Parks
- Forests
- Monuments
- Wildlife Sanctuaries, Preserves, Refuges
- Federal Wilderness Areas.

Date of Government Version: 12/31/2005

### Federal Contacts for Additional Information

Fish & Wildlife Service, Fish & Wildlife Region 8

2800 Cottage Way W-2606

Sacramento, CA 95825

916-414-6464

### **Endangered Species**

#### Government Records Searched in This Report

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### CA Endangered Species: California Natural Diversity Database

The California Natural Diversity Database (CNDDB) provides location and status information for the California most imperiled species.

Source: Department of Fish and Wildlife.

Telephone: 916-322-2493

### Federal Endangered Species by County: Threatened and Endangered Species Listing

Endangered, Threatened, Emergency Listing (Endangered), Emergency Listing (Threatened), Experimental Population (Essential), Experimental Population (Non-Essential), Similarity of Appearance (Endangered), Similarity of Appearance (Threatened).

Source: US Fish and Wildlife Services.

Telephone: 800-344-9453

### Federal Contacts for Additional Information

Fish & Wildlife Service, Fish & Wildlife Region 8

2800 Cottage Way W-2606

Sacramento, CA 95825

916-414-6464

### State Contacts for Additional Information

Natural Heritage Program, Dept. of Fish & Game 916-322-2493

## LANDMARKS, HISTORICAL, AND ARCHEOLOGICAL SITES

### Historic Places

#### Government Records Searched in This Report

##### National Register of Historic Places:

The National Register of Historic Places is the official federal list of districts, sites, buildings, structures, and objects significant in American history, architecture, archeology, engineering, and culture. These contribute to an understanding of the historical and cultural foundations of the nation.

The National Register includes:

- All prehistoric and historic units of the National Park System;
- National Historic Landmarks, which are properties recognized by the Secretary of the Interior as possessing national significance; and
- Properties significant in American, state, or local prehistory and history that have been nominated by State Historic Preservation Officers, federal agencies, and others, and have been approved for listing by the National Park Service.

Date of Government Version: 07/19/2015

### CA Historic Landmarks: CA Historical Landmarks

Historical Landmarks are sites, buildings, features or events that are of statewide significance and have anthropological, cultural, military, political, architectural, economic, scientific or technical, religious, experimental, or other value

Source: Office of Historic Preservation.

Telephone: 916-653-6624

### US Trails: US Trails

This dataset contains a baseline inventory and condition assessment of all non-motorized trails on U.S. Fish and Wildlife Service lands as part of the National Trails Inventory Program conducted by the US Dept. of Transportation, Federal Highway Administration, Federal Lands Highway Division.

Source: U.S. Fish and Wildlife.

Telephone: 703-358-2205

### Potomac Heritage National Scenic Trail: Potomac Heritage National Scenic Trail

Source: Potomac Heritage NST Office.

Telephone: 304-535-4014

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### Indian Reservations: Indian Reservations

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

Source: USGS.

Telephone: 202-208-3710

### Natchez Trace National Scenic Trail: Natchez Trace National Scenic Trail

Source: Natchez Trace Parkway.

Telephone: 800-305-7417

### Federal Contacts for Additional Information

Park Service; Advisory Council on Historic Preservation

1849 C Street NW

Washington, DC 20240

Phone: (202) 208-6843

### State Contacts for Additional Information

Office of Historic Preservation, Ept. Of Parks & Recreation 916-653-6624

### **Indian Religious Sites**

#### Government Records Searched in This Report

##### Indian Reservations:

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

Source: USGS

Phone: 888-275-8747

Date of Government Version: 12/31/2005

### Federal Contacts for Additional Information

Department of the Interior- Bureau of Indian Affairs

Office of Public Affairs

1849 C Street, NW

Washington, DC 20240-0001

Office: 202-208-3711

Fax: 202-501-1516

### National Association of Tribal Historic Preservation Officers

1411 K Street NW, Suite 700

Washington, DC 20005

Phone: 202-628-8476

Fax: 202-628-2241

### State Contacts for Additional Information

A listing of local Tribal Leaders and Bureau of Indian Affairs Representatives can be found at:

<http://www.doi.gov/bia/areas/agency.html>

### Phoenix Area Office, Bureau of Indian Affairs

One North First Street P.O. Box 10

Phoenix, AZ 85001

602-379-6600

### Sacramento Area Office, Bureau of Indian Affairs

2800 Cottage Way

Sacramento, CA 95825

916-979-2600

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

Cultural Division, Yuork Tribe  
1034 6th Street  
Eureka, CA 95501

### Scenic Trails

State Contacts for Additional Information  
Pacific Crest Trail Association  
5325 Elkhorn Boulevard, #256  
Sacramento, California 95842  
916-349-2109

### FLOOD PLAIN, WETLANDS AND COASTAL ZONE

#### Flood Plain Management

##### Government Records Searched in This Report

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

Phone: 877-336-2627

Date of Government Version: 2003, 2015

##### Federal Contacts for Additional Information

Federal Emergency Management Agency 877-3362-627

##### State Contacts for Additional Information

Office of Emergency Services 916-262-1843

#### Wetlands Protection

##### Government Records Searched in This Report

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010, and 2015 from the U.S. Fish and Wildlife Service.

Source: U.S. Fish and Wildlife Service.

Phone: 608-238-9333

Date of Government Version: 05/28/2015

##### State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

##### Federal Contacts for Additional Information

Fish & Wildlife Service 813-570-5412

##### State Contacts for Additional Information

Department of Fish & Game 916-653-7667

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### **Coastal Zone Management**

#### Government Records Searched in This Report

##### CAMA Management Areas

Dept. of Env., Health & Natural Resources  
919-733-2293

#### Federal Contacts for Additional Information

##### Office of Ocean and Coastal Resource Management

N/ORM, SSMC4  
1305 East-West Highway  
Silver Spring, Maryland 20910  
301-713-3102

#### State Contacts for Additional Information

California Coastal Commission 415-904-5200

#### Government Records Searched in This Report

##### CA Coastline Information

Department of Fish and Game  
831-649-7143

### **FCC & FAA SITES MAP**

For NEPA actions that come under the authority of the FCC, the FCC requires evaluation of Antenna towers and/or supporting structures that are to be equipped with high intensity white lights which are to be located in residential neighborhoods, as defined by the applicable zoning law.

#### Government Records Searched in This Report

##### **Cellular**

##### Federal Communications Commission

445 12th Street, SW  
Washington, DC 20554  
888-225-5322

##### **Antenna Structure Registration**

##### Federal Communications Commission

445 12th Street, SW  
Washington, DC 20554  
888-225-5322

##### **AM Antenna**

##### Federal Communications Commission

445 12th Street, SW  
Washington, DC 20554  
888-225-5322

##### **FM Antenna**

##### Federal Communications Commission

445 12th Street, SW  
Washington, DC 20554  
888-225-5322

##### **FAA Digital Obstacle File**

##### Federal Aviation Administration (FAA)

1305 East-West Highway, Station 5631  
Silver Spring, MD 20910-3281  
Telephone: 301-713-2817

Describes known obstacles of interest to aviation users in the US. Used by the Federal Aviation Administration (FAA) and the National Oceanic and Atmospheric Administration to manage the National Airspace System.

## KEY CONTACTS & GOVERNMENT RECORDS SEARCHED

### **Airport Landing Facilities**

Federal Aviation Administration  
Telephone (800) 457-6656  
Private and public use landing facilities.

### **Electric Power Transmission Line Data**

PennWell Corporation  
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### **Excessive Radio Frequency Emission**

For NEPA actions that come under the authority of the FCC, Commission actions granting construction permits, licenses to transmit or renewals thereof, equipment authorizations or modifications in existing facilities, require the determination of whether the particular facility, operation or transmitter would cause human exposure to levels of radio frequency in excess of certain limits.

#### Federal Contacts for Additional Information

Office of Engineering and Technology  
Federal Communications Commission  
445 12th Street SW  
Washington, DC 20554  
Phone: 202-418-2470

### **OTHER CONTACT SOURCES**

#### **NEPA Single Point of Contact**

State Contacts for Additional Information  
Grants Coordination  
State Clearinghouse  
P.O. Box 3044  
Room 222  
Sacramento, CA 95812-3044  
916-445-0613

### **STREET AND ADDRESS INFORMATION**

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Proposed Land Acquisition Mission Hills  
15149, 15151 & Adjacent Parcel Mission Hills Road  
Mission Hills, CA 91345

Inquiry Number: 5109258.4

November 15, 2017

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)



# EDR Historical Topo Map Report

11/15/17

**Site Name:**

Proposed Land Acquisition Mis  
15149, 15151 & Adjacent Parc  
Mission Hills, CA 91345  
EDR Inquiry # 5109258.4

**Client Name:**

Ecobility Corporation  
PO Box 2651  
Palos Verdes Peninsula, CA 90274  
Contact: Michael Mooradian



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Ecobility Corporation 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:**

<b>P.O.#</b>	NA	<b>Latitude:</b>	34.28208 34° 16' 55" North
<b>Project:</b>	051-17-001-1	<b>Longitude:</b>	-118.463863 -118° 27' 50" West
		<b>UTM Zone:</b>	Zone 11 North
		<b>UTM X Meters:</b>	365258.51
		<b>UTM Y Meters:</b>	3794402.83
		<b>Elevation:</b>	1125.73' above sea level

**Maps Provided:**

2012	1940
1995	1925, 1927
1988	1900
1972	
1966	
1953	
1947	
1945	

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## **Topo Sheet Key**

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

### **2012 Source Sheets**



San Fernando  
2012  
7.5-minute, 24000

### **1995 Source Sheets**



San Fernando  
1995  
7.5-minute, 24000  
Aerial Photo Revised 1993

### **1988 Source Sheets**



San Fernando  
1988  
7.5-minute, 24000  
Aerial Photo Revised 1985

### **1972 Source Sheets**

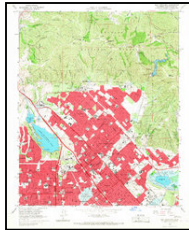


San Fernando  
1972  
7.5-minute, 24000  
Aerial Photo Revised 1972

## **Topo Sheet Key**

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

### **1966 Source Sheets**



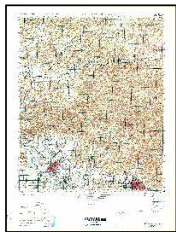
San Fernando  
1966  
7.5-minute, 24000  
Aerial Photo Revised 1964

### **1953 Source Sheets**



San Fernando  
1953  
7.5-minute, 24000  
Aerial Photo Revised 1952

### **1947 Source Sheets**



SAN FERNANDO  
1947  
15-minute, 50000

### **1945 Source Sheets**

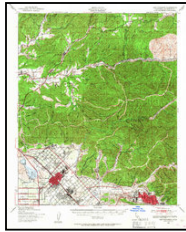


San Fernando  
1945  
15-minute, 62500  
Aerial Photo Revised 1940

## Topo Sheet Key

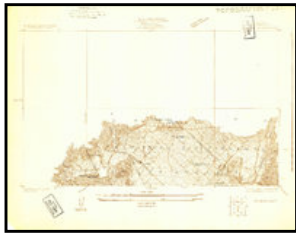
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1940 Source Sheets



San Fernando  
1940  
15-minute, 62500  
Aerial Photo Revised 1940

### 1925, 1927 Source Sheets

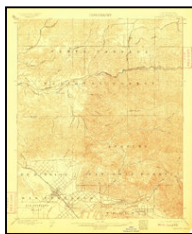


Sylmar  
1925  
7.5-minute, 24000

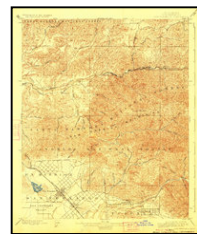


Pacoima  
1927  
7.5-minute, 24000

### 1900 Source Sheets

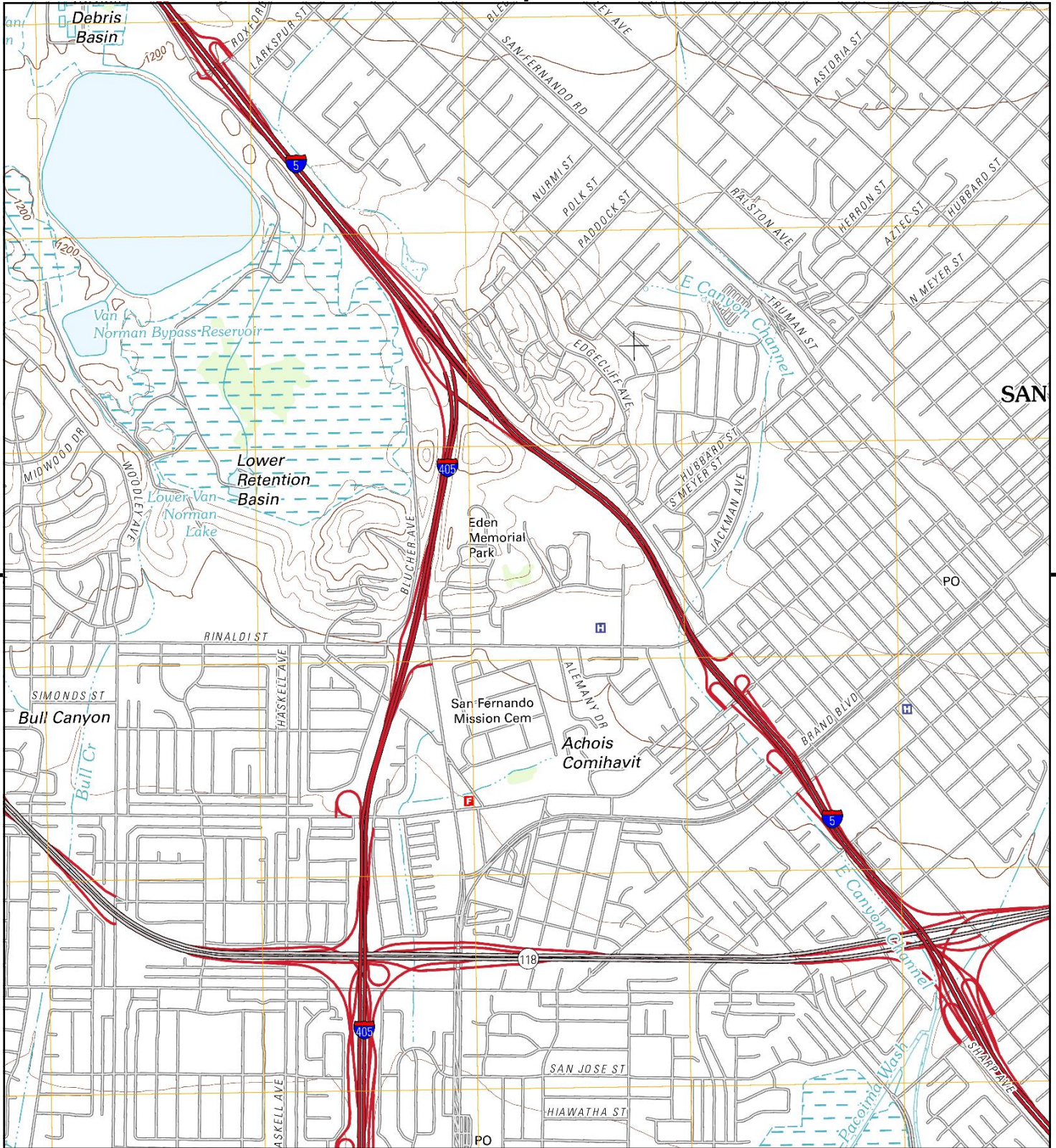


Fernando  
1900  
15-minute, 62500



San Fernando  
1900  
15-minute, 62500





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

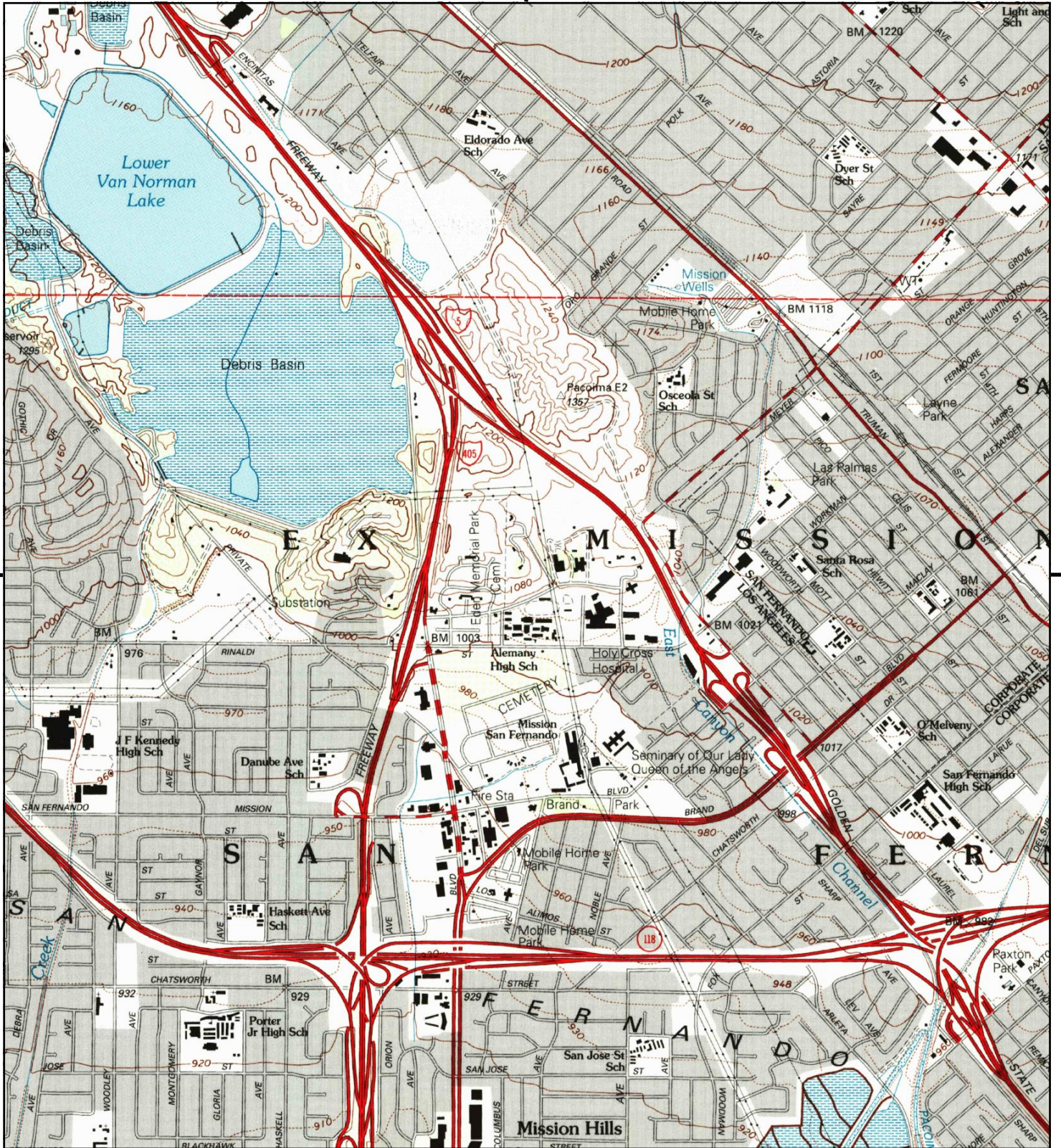


TP, San Fernando, 2012, 7.5-minute

**SITE NAME:** Proposed Land Acquisition Mission Hills  
**ADDRESS:** 15149, 15151 & Adjacent Parcel Mission Hills, CA 91345  
**CLIENT:** Ecobility Corporation







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

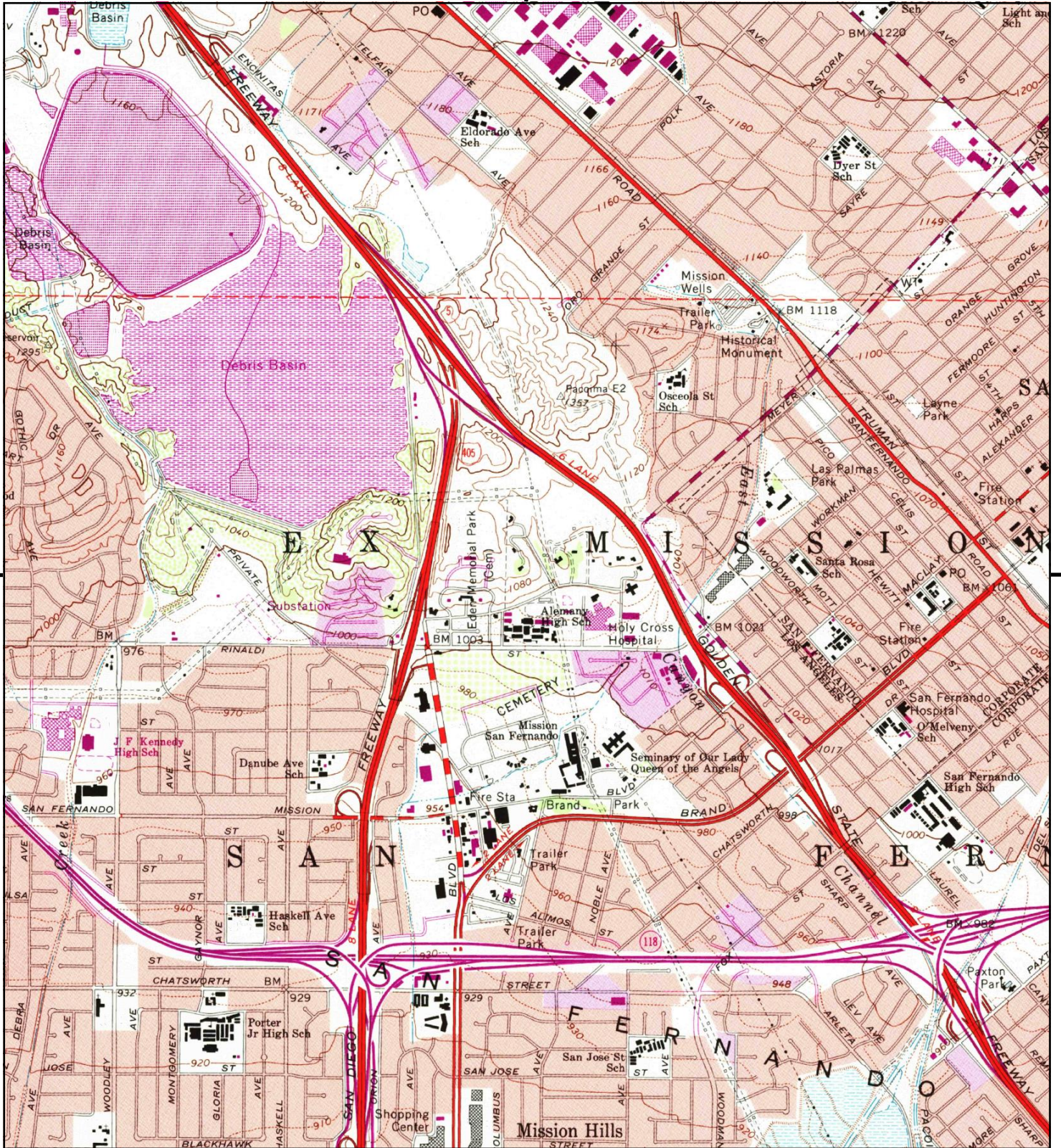


TP, San Fernando, 1995, 7.5-minute

**SITE NAME:** Proposed Land Acquisition Mission Hills  
**ADDRESS:** 15149, 15151 & Adjacent Parcel Mission Hills, CA 91345  
**CLIENT:** Ecobility Corporation







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

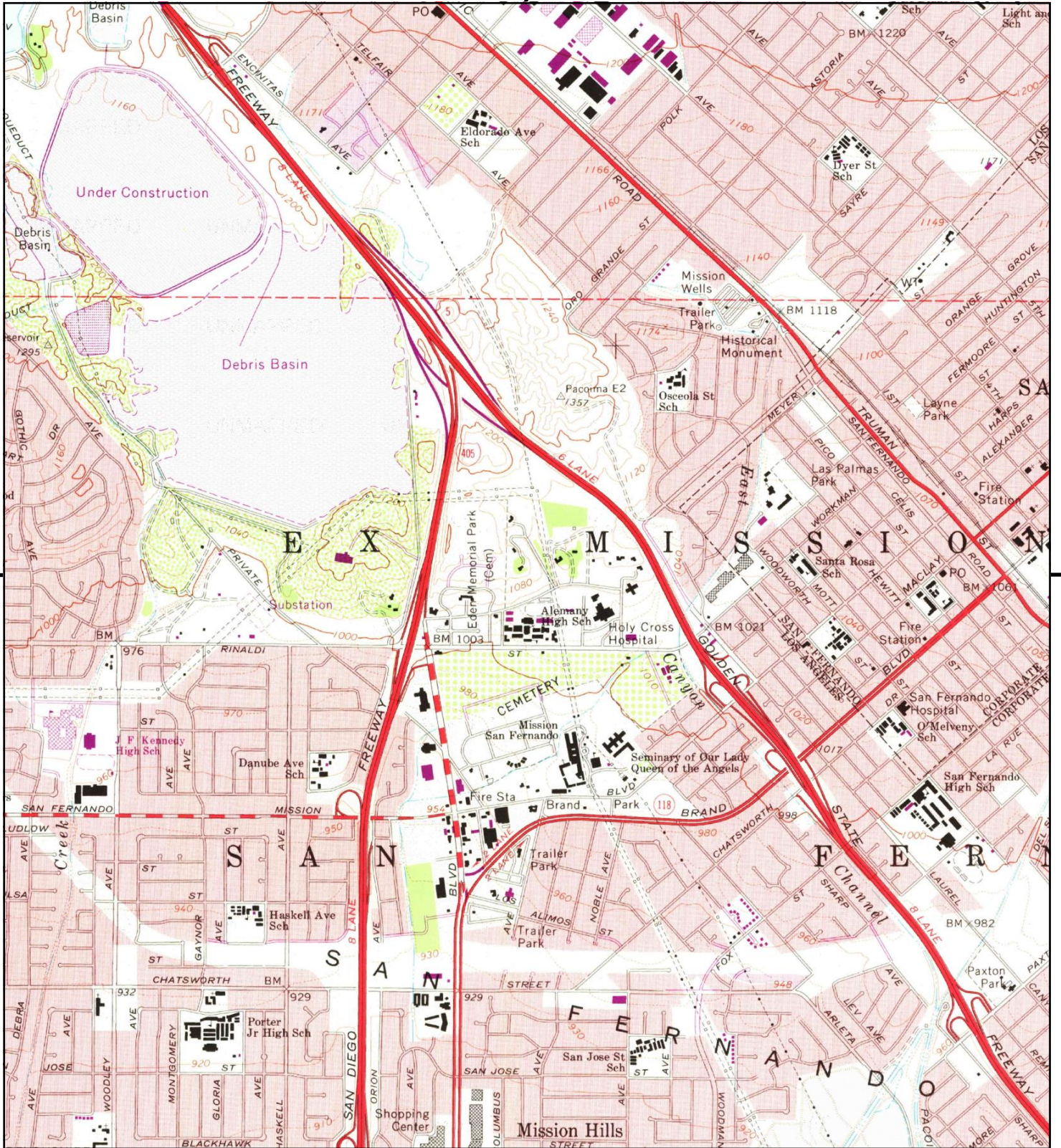


TP, San Fernando, 1988, 7.5-minute

**SITE NAME:** Proposed Land Acquisition Mission Hills  
**ADDRESS:** 15149, 15151 & Adjacent Parcel Mission Hills, CA 91345  
**CLIENT:** Ecobility Corporation







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

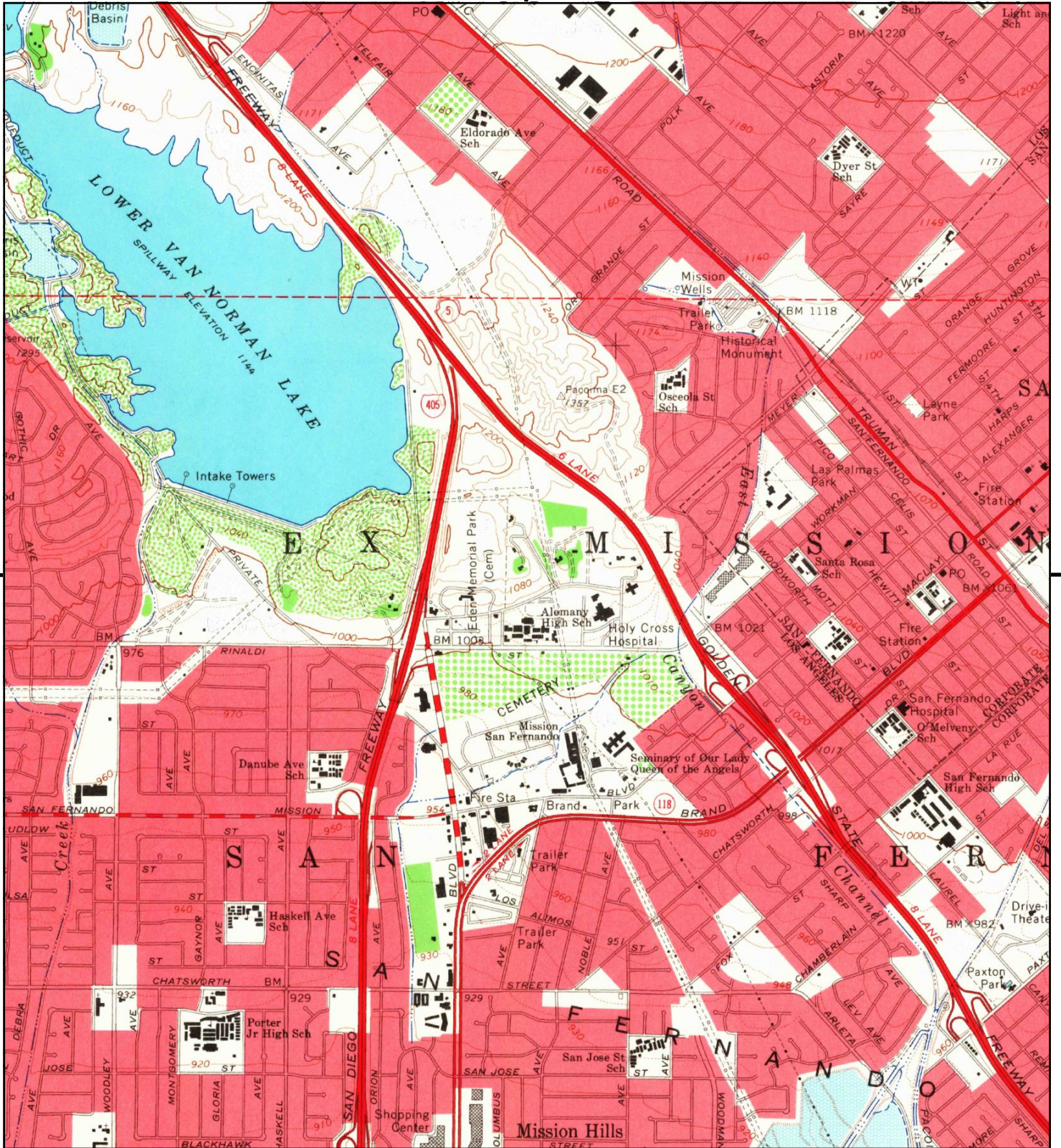


TP, San Fernando, 1972, 7.5-minute

**SITE NAME:** Proposed Land Acquisition Mission Hills  
**ADDRESS:** 15149, 15151 & Adjacent Parcel Mission Hills, CA 91345  
**CLIENT:** Ecobility Corporation







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

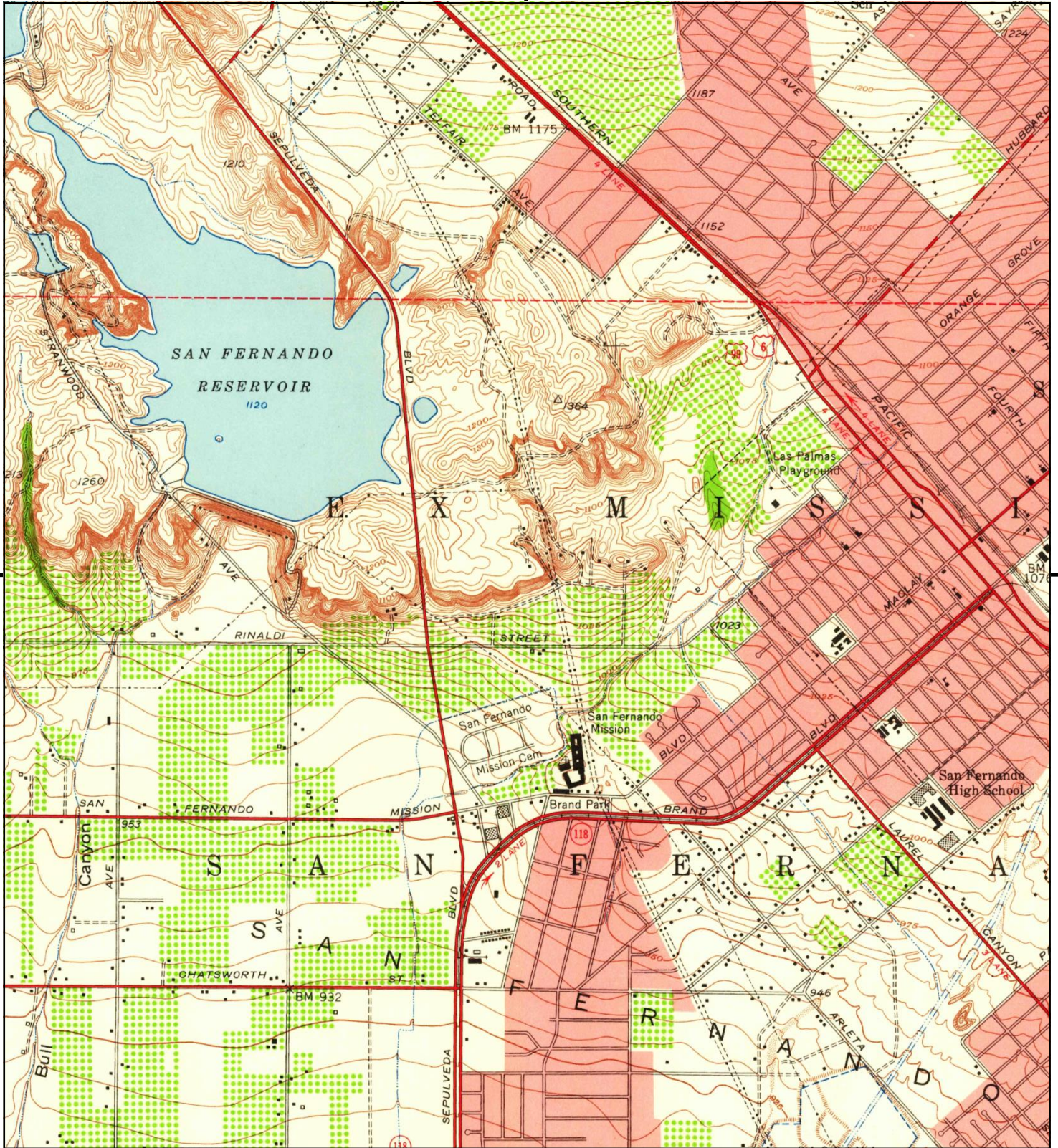


TP, San Fernando, 1966, 7.5-minute

**SITE NAME:** Proposed Land Acquisition Mission Hills  
**ADDRESS:** 15149, 15151 & Adjacent Parcel Mission Hills, CA 91345  
**CLIENT:** Ecobility Corporation







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

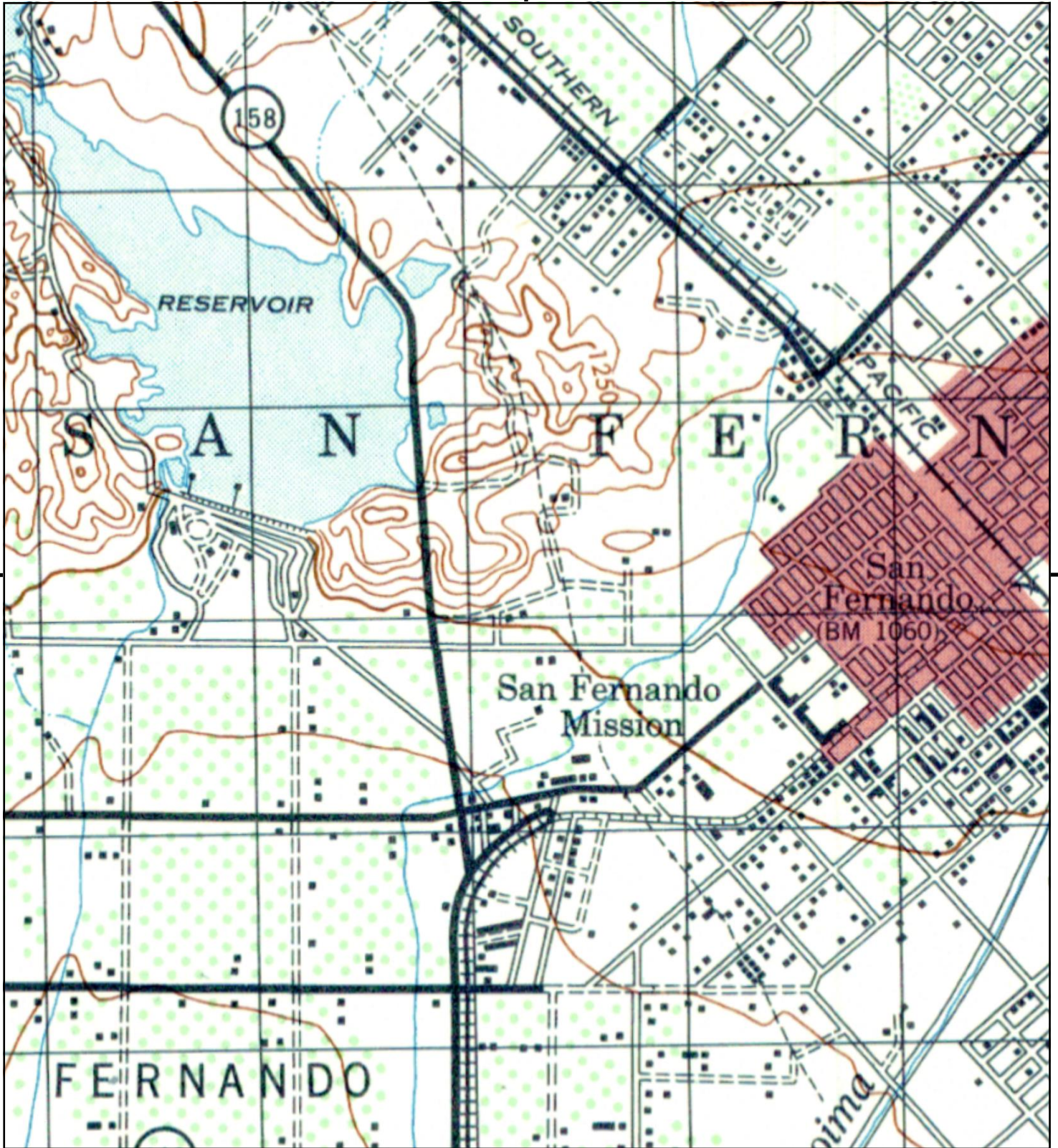


TP, San Fernando, 1953, 7.5-minute

**SITE NAME:** Proposed Land Acquisition Mission Hills  
**ADDRESS:** 15149, 15151 & Adjacent Parcel Mission Hills, CA 91345  
**CLIENT:** Ecobility Corporation







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

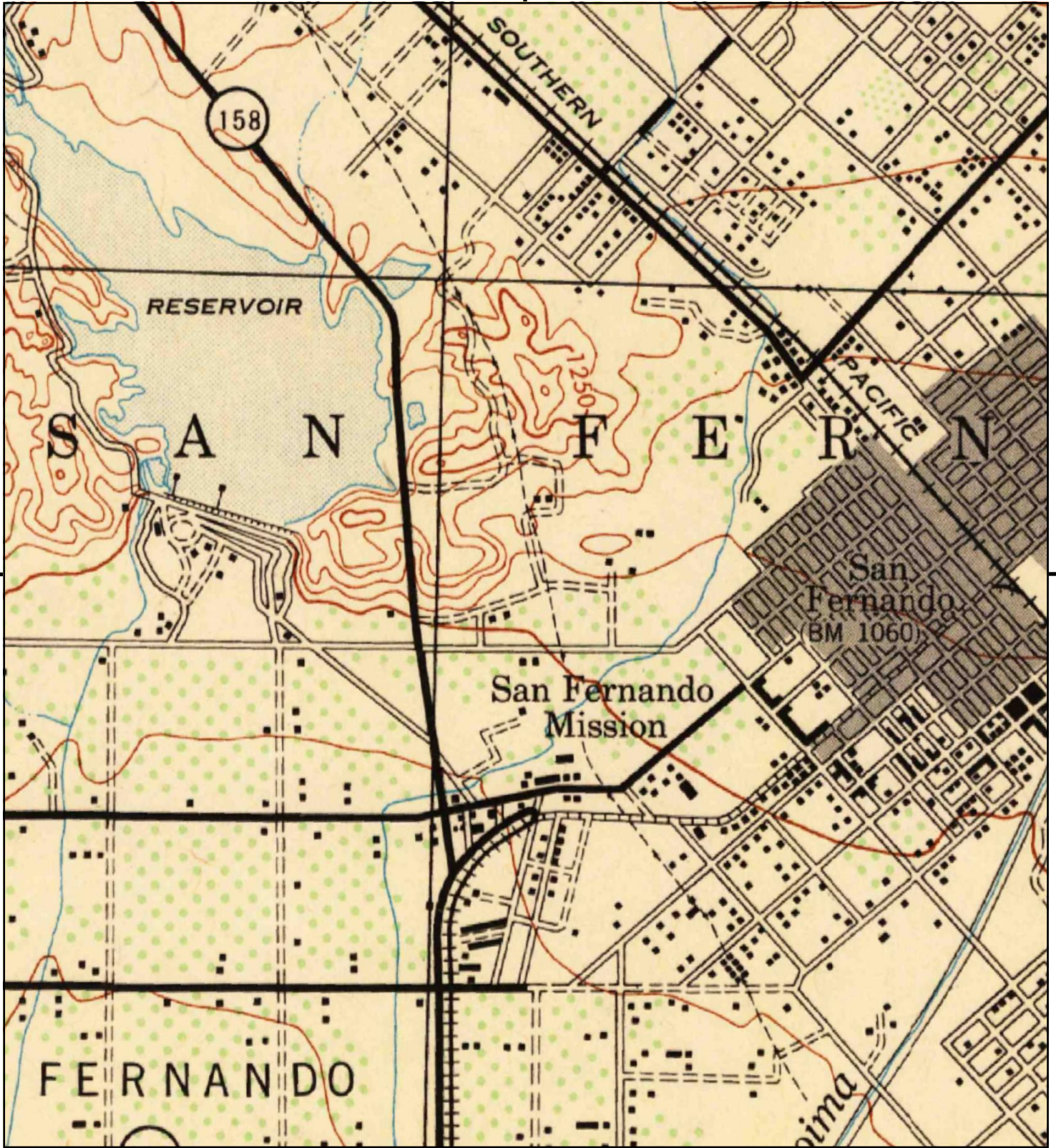


TP, SAN FERNANDO, 1947, 15-minute

SITE NAME: Proposed Land Acquisition Mission Hills  
 ADDRESS: 15149, 15151 & Adjacent Parcel Mission Hills, CA 91345  
 CLIENT: Ecobility Corporation







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

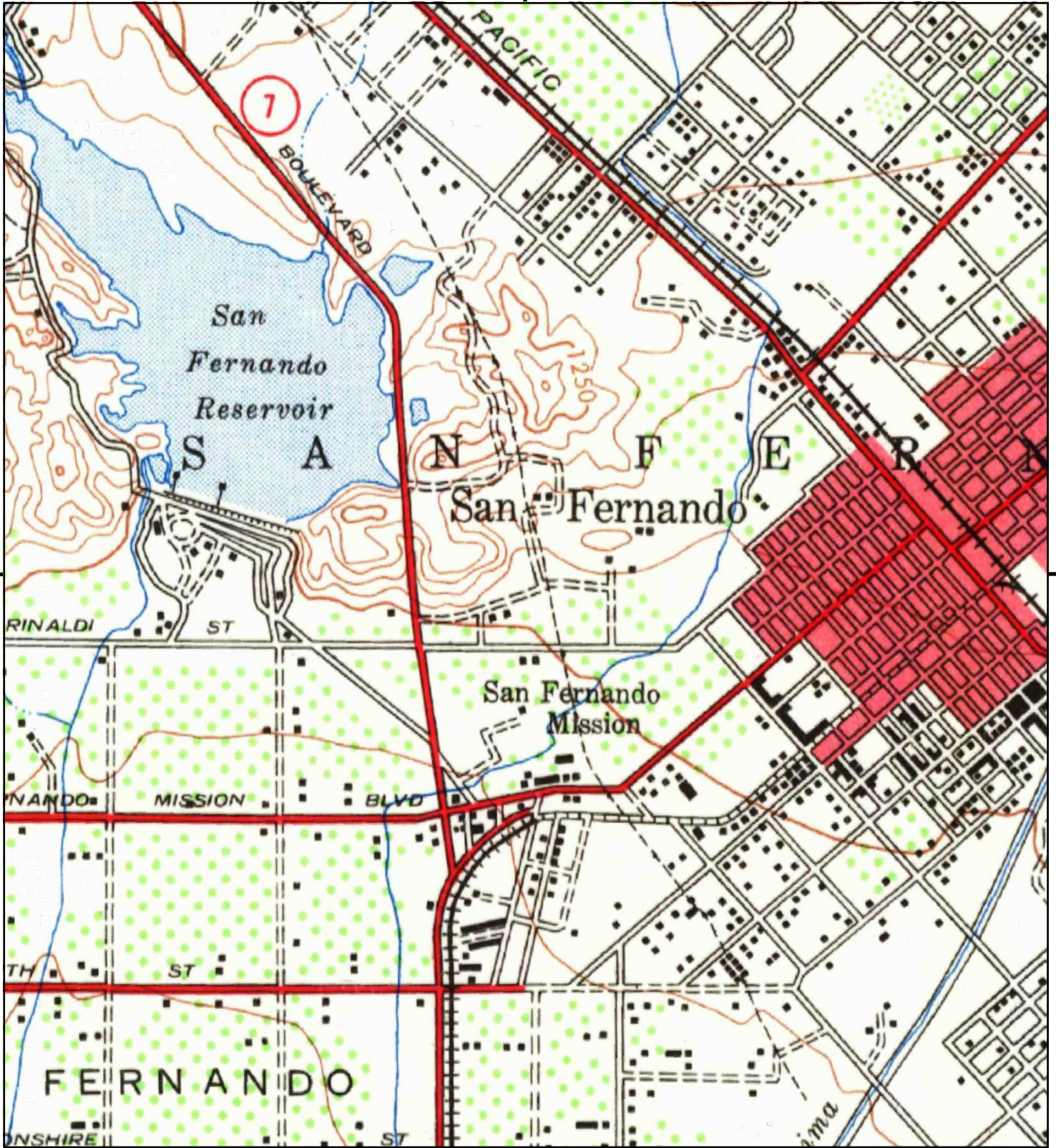


TP, San Fernando, 1945, 15-minute

**SITE NAME:** Proposed Land Acquisition Mission Hills  
**ADDRESS:** 15149, 15151 & Adjacent Parcel Mission Hills, CA 91345  
**CLIENT:** Ecobility Corporation







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



TP, San Fernando, 1940, 15-minute

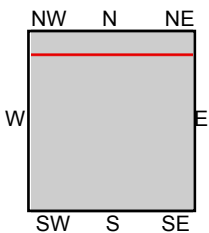
SITE NAME: Proposed Land Acquisition Mission Hills  
 ADDRESS: 15149, 15151 & Adjacent Parcel Mission Hills, CA 91345  
 CLIENT: Ecobility Corporation







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

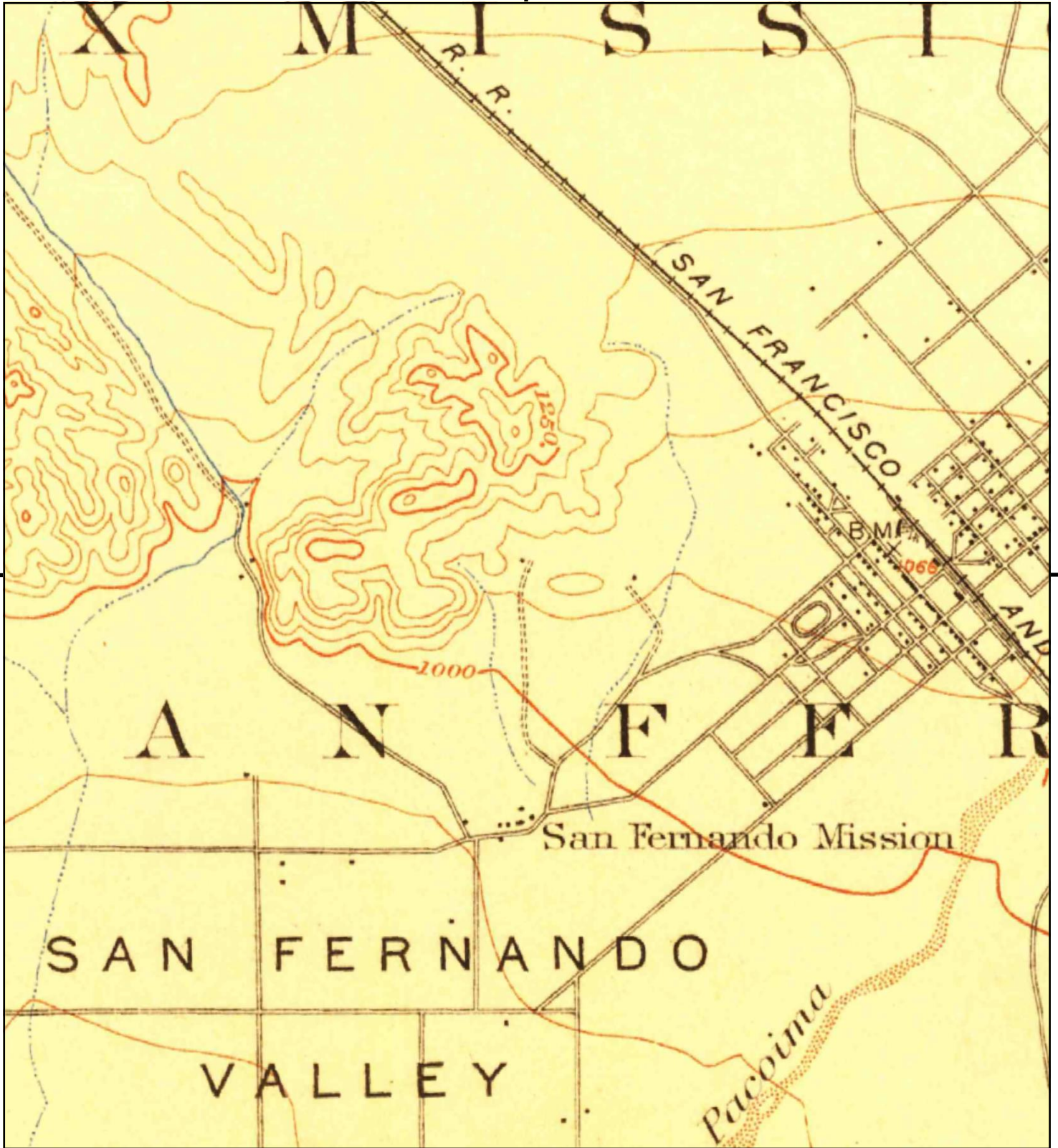


TP, Pacoima, 1927, 7.5-minute  
N, Sylmar, 1925, 7.5-minute

**SITE NAME:** Proposed Land Acquisition Mission Hills  
**ADDRESS:** 15149, 15151 & Adjacent Parcel Mission Hills, CA 91345  
**CLIENT:** Ecobility Corporation







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



TP, Fernando, 1900, 15-minute  
 TP, San Fernando, 1900, 15-minute

**SITE NAME:** Proposed Land Acquisition Mission Hills  
**ADDRESS:** 15149, 15151 & Adjacent Parcel Mission Hills, CA 91345  
**CLIENT:** Ecobility Corporation



**Proposed Land Acquisition Mission Hills**

15149, 15151 & Adjacent Parcel Mission Hills Road  
Mission Hills, CA 91345

Inquiry Number: 5109258.8  
November 15, 2017

# EDR Building Permit Report

Target Property and Adjoining Properties



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**About This Report**

**Executive Summary**

**Findings**

**Glossary**

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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# EDR BUILDING PERMIT REPORT

## About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

## ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquiries (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

## Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.



## EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Ecobility Corporation on Nov 15, 2017.

### TARGET PROPERTY

15149, 15151 & Adjacent Parcel Mission Hills Road  
Mission Hills, CA 91345

### SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

### RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

### Los Angeles

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>
2017	City of Los Angeles, Department of Building and Safety		X
2016	City of Los Angeles, Department of Building and Safety		X
2015	City of Los Angeles, Department of Building and Safety		X
2014	City of Los Angeles, Department of Building and Safety		X
2013	City of Los Angeles, Department of Building and Safety		X
2012	City of Los Angeles, Department of Building and Safety		X
2011	City of Los Angeles, Department of Building and Safety		X
2010	City of Los Angeles, Department of Building and Safety		X
2009	City of Los Angeles, Department of Building and Safety		
2008	City of Los Angeles, Department of Building and Safety		
2007	City of Los Angeles, Department of Building and Safety		X
2006	City of Los Angeles, Department of Building and Safety		X
2005	City of Los Angeles, Department of Building and Safety		
2004	City of Los Angeles, Department of Building and Safety		
2003	City of Los Angeles, Department of Building and Safety		
2002	City of Los Angeles, Department of Building and Safety		X
2001	City of Los Angeles, Department of Building and Safety		X
2000	City of Los Angeles, Department of Building and Safety		
1999	City of Los Angeles, Department of Building and Safety		
1998	City of Los Angeles, Department of Building and Safety		
1997	City of Los Angeles, Department of Building and Safety		
1996	City of Los Angeles, Department of Building and Safety		
1995	City of Los Angeles, Department of Building and Safety		
1994	City of Los Angeles, Department of Building and Safety		
1993	City of Los Angeles, Department of Building and Safety		
1992	City of Los Angeles, Department of Building and Safety		
1991	City of Los Angeles, Department of Building and Safety		
1990	City of Los Angeles, Department of Building and Safety		

## EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>
1989	City of Los Angeles, Department of Building and Safety		
1988	City of Los Angeles, Department of Building and Safety		

### **BUILDING DEPARTMENT RECORDS SEARCHED**

Name: Los Angeles  
Years: 1988-2017  
Source: City of Los Angeles, Department of Building and Safety, MISSION HILLS, CA  
Phone: (213) 482-6800

Name: Burbank  
Years: 1970-2017  
Source: City of Burbank, Building Division, BURBANK, CA  
Phone: (818) 238-5220

Name: Los Angeles County  
Years: 1988-2017  
Source: Los Angeles County, Building and Safety, LOS ANGELES, CA  
Phone: (626) 458-6368

Name: San Bernardino County  
Years: 2002-2017  
Source: San Bernardino County, Land Use, Building & Safety, HIGHLAND, CA  
Phone: (909) 387-8311

Name: San Francisco  
Years: 1977-2017  
Source: City and County of San Francisco, Communications Division, SAN FRANCISCO, CA  
Phone: (415) 558-6088

Name: Santa Maria  
Years: 1993-2016  
Source: City of Santa Maria, Community Development Department, SANTA MARIA, CA  
Phone: (805) 925-0951 x 241

Name: San Rafael  
Years: 1999-2017  
Source: City of San Rafael, Code Enforcement, SAN RAFAEL, CA  
Phone: (415) 485-3097

## TARGET PROPERTY FINDINGS

### TARGET PROPERTY DETAIL

**15149, 15151 & Adjacent Parcel Mission Hills Road  
Mission Hills, CA 91345**

No Permits Found

## ADJOINING PROPERTY FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### MISSION HILLS RD

##### **15099 MISSION HILLS RD**

Date: **2/24/2011**  
Permit Type:  
Description: **No Plan Check STARTER.**

Permit Description: **Elevator**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 110461000000255  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: AMTECH ELEVATOR SERVICES

Date: **1/10/2002**  
Permit Type:  
Description: **No Plan Check INSTALL (3) HOT WATER STORAGE TANKS.**

Permit Description: **Pressure Vessel**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 020452000000021  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: AVEDIKIAN CONSTRUCTION

## ADJOINING PROPERTY FINDINGS

### 15105 MISSION HILLS RD

Date: **9/29/2017**  
Permit Type:  
Description: **Plan Check TENANT IMPROVEMENT TO (E) ASSISTED LIVI**

Permit Description: **Bldg-Alter/Repair**  
Work Class:  
Proposed Use: Commercial Apartment  
Permit Number: 170162000021274  
Status:  
Valuation: \$407,700.00  
Contractor Company:  
Contractor Name: SINANIAN DEVELOPMENT INC

Date: **4/4/2017**  
Permit Type:  
Description: **No Plan Check**

Permit Description: **Electrical**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 170411000010840  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: NATIONAL FAIL SAFE

Date: **12/7/2016**  
Permit Type:  
Description: **Plan Check NEW FIRE SPRINKLER FOR AN APARTMENT. EX**

Permit Description: **Fire Sprinkler**  
Work Class:  
Proposed Use: Apartment  
Permit Number: 160432000005682  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: SALAMANDER FIRE PROTECTION INC



## ADJOINING PROPERTY FINDINGS

Date: **9/21/2016**  
Permit Type:  
Description: **Plan Check GRADING FOR ASSISTED LIVING HOME EXPANS**

Permit Description: **Grading**  
Work Class:  
Proposed Use: Commercial Grading/Hillside  
Permit Number: 160301000003793  
Status:  
Valuation: \$1,612.00  
Contractor Company:  
Contractor Name: SINANIAN DEVELOPMENT INC

Date: **9/21/2016**  
Permit Type:  
Description: **Plan Check Plan check for power and energy. Projec**

Permit Description: **Electrical**  
Work Class:  
Proposed Use: Apartment  
Permit Number: 160412000013046  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: SINANIAN DEVELOPMENT INC

Date: **9/16/2016**  
Permit Type:  
Description: **Plan Check ADD 3 STORY 44 UNITS TO ASSISTED CARE H**

Permit Description: **Bldg-Addition**  
Work Class:  
Proposed Use: Apartment Apartment  
Permit Number: 160142000001659  
Status:  
Valuation: \$2,270,000.00  
Contractor Company:  
Contractor Name: SINANIAN DEVELOPMENT INC

## ADJOINING PROPERTY FINDINGS

Date: **9/16/2016**  
Permit Type:  
Description: **Plan Check INSTALL POTABLE WATER, WASTE/VENT, LOW**

Permit Description: **Plumbing**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 160422000007444  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: SINANIAN DEVELOPMENT INC

Date: **9/16/2016**  
Permit Type:  
Description: **Plan Check NEW HVAC FOR 3 STORY, 44 UNIT ASSISTED**

Permit Description: **HVAC**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 160442000004013  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: SINANIAN DEVELOPMENT INC

Date: **1/4/2016**  
Permit Type:  
Description: **No Plan Check**

Permit Description: **Electrical**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 160412000000103  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: ART & MORE CONSTRUCTION INC

## ADJOINING PROPERTY FINDINGS

Date: **1/4/2016**  
Permit Type:  
Description: **No Plan Check**

Permit Description: **HVAC**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 160442000000030  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: ART & MORE CONSTRUCTION INC

Date: **1/4/2016**  
Permit Type:  
Description: **No Plan Check**

Permit Description: **Elevator**  
Work Class:  
Proposed Use: Apartment  
Permit Number: 160469000000005  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: WESTERN ELEVATOR INC

Date: **9/15/2015**  
Permit Type:  
Description: **No Plan Check**

Permit Description: **Elevator**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 150461000001361  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: WESTERN ELEVATOR INC

## ADJOINING PROPERTY FINDINGS

Date: **5/18/2015**  
Permit Type:  
Description: **No Plan Check**  
  
Permit Description: **Elevator**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 15046900000725  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: WESTERN ELEVATOR INC

Date: **2/11/2015**  
Permit Type:  
Description: **No Plan Check**  
  
Permit Description: **Electrical**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 150411000004123  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: NATIONAL FAIL SAFE

Date: **1/5/2015**  
Permit Type:  
Description: **No Plan Check**  
  
Permit Description: **Elevator**  
Work Class:  
Proposed Use: Apartment  
Permit Number: 150469000000008  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: WESTERN ELEVATOR INC

## ADJOINING PROPERTY FINDINGS

Date: **12/16/2014**  
Permit Type:  
Description: **No Plan Check Re-roof with Class A or B material weighing less than 6 pound per sq. ft.**

Permit Description: **Bldg-Alter/Repair**  
Work Class:  
Proposed Use: Commercial Hospital  
Permit Number: 140161000025427  
Status:  
Valuation: \$50,000.00  
Contractor Company:  
Contractor Name: ACE TEK ROOFING CO

Date: **10/10/2013**  
Permit Type:  
Description: **Plan Check Instal (1) VRC.**

Permit Description: **Elevator**  
Work Class:  
Proposed Use: 1 or 2 Family Dwelling  
Permit Number: 130461000001265  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: MCKINLEY ELEVATOR CORPORATION

Date: **9/18/2012**  
Permit Type:  
Description: **Plan Check PLAN CHECK & INSTALLATION OF ONE HYDROELECTRIC ELEVATOR.**

Permit Description: **Elevator**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 120461000000689  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: OTIS ELEVATOR COMPANY

## ADJOINING PROPERTY FINDINGS

Date: **10/12/2011**  
Permit Type:  
Description: **No Plan Check Electrical conduit for parking lot lighting**

Permit Description: **Electrical**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 110419000021858  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: GEORGE ELECTRIC COMPANY INC

Date: **9/1/2011**  
Permit Type:  
Description: **No Plan Check Starter Installation**

Permit Description: **Elevator**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 110469000001071  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: AMTECH ELEVATOR SERVICES

## ADJOINING PROPERTY FINDINGS

Date: **8/23/2011**  
Permit Type:  
Description: **Plan Check ZONING ONLY CHECK TO ADD 66 BEDS TO THE EXISTING 196-BED SKILLED NURSING FACILITY AND MODIFY THE PKG LAYOUT TO ACCOMMODATE THE NEW PKG REQUIREMENT AND NEW CONSTRUCTION. (BLDG PLAN CHK UNDER OSHPD JURISDICTION)**

Permit Description: **Bldg-Addition**  
Work Class:  
Proposed Use: Commercial Hospital  
Permit Number: 100142000004768  
Status:  
Valuation: \$241,000.00  
Contractor Company:  
Contractor Name: SINANIAN DEVELOPMENT INC

Date: **8/23/2011**  
Permit Type:  
Description: **Plan Check GRADING OF NEW PKG AREA AND FOR PROPOSED BLDG ADDITION IN THE HILLSIDE AREA. CUT=1,200CY, FILL=250CY, EXPORT=950CY.**

Permit Description: **Grading**  
Work Class:  
Proposed Use: Commercial Grading/Hillside  
Permit Number: 100302000010674  
Status:  
Valuation: \$1,500.00  
Contractor Company:  
Contractor Name: SINANIAN DEVELOPMENT INC

## ADJOINING PROPERTY FINDINGS

Date: **2/16/2011**  
Permit Type:  
Description: **No Plan Check STARTER**

Permit Description: **Elevator**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 110461000000220  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: AMTECH ELEVATOR SERVICES

Date: **2/16/2011**  
Permit Type:  
Description: **No Plan Check STARTER.**

Permit Description: **Elevator**  
Work Class:  
Proposed Use: Apartment  
Permit Number: 110461000000223  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: AMTECH ELEVATOR SERVICES

Date: **8/16/2010**  
Permit Type:  
Description: **No Plan Check DOOR DETECTOR.**

Permit Description: **Elevator**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 100461000000884  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: AMTECH ELEVATOR SERVICES



## ADJOINING PROPERTY FINDINGS

Date: **8/16/2010**  
Permit Type:  
Description: **No Plan Check STARTER.**

Permit Description: **Elevator**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 100461000000885  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: AMTECH ELEVATOR SERVICES

Date: **2/13/2007**  
Permit Type:  
Description: **No Plan Check NEW VALVE.**

Permit Description: **Elevator**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 070461000000192  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: AMTECH ELEVATOR SERVICES

Date: **8/11/2006**  
Permit Type:  
Description: **No Plan Check PULLING 120 VOLT POWER FROM AN ELECTRICAL PANEL TO CONTACT TO A FIRE ALARM CONTROL PANEL.**

Permit Description: **Electrical**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 060411000019999  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: NATIONAL FAIL SAFE

## ADJOINING PROPERTY FINDINGS

Date: **5/16/2006**  
Permit Type:  
Description: **Plan Check UPGRADE OF FIRE WARNING SYSTEM**

Permit Description: **Electrical**  
Work Class:  
Proposed Use: Public Safety Only  
Permit Number: 060411000010263  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: NATIONAL FAIL SAFE

Date: **3/3/2006**  
Permit Type:  
Description: **Plan Check CHG OF OCCUPANCY FROM I2 TO R2.1 & R2.1.1**

Permit Description: **Bldg-Alter/Repair**  
Work Class:  
Proposed Use: Commercial Hospital  
Permit Number: 010162000121151  
Status:  
Valuation: \$10,000.00  
Contractor Company:  
Contractor Name: OWNER-BUILDER

Date: **2/23/2006**  
Permit Type:  
Description: **No Plan Check (3) DOOR DETECTORS # 103547, 103548, 98734.**

Permit Description: **Elevator**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 060461000000194  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: NAES ACQUISITION CORPORATION

## ADJOINING PROPERTY FINDINGS

Date: **1/7/2002**  
Permit Type:  
Description: **No Plan Check INSTALL HOT WATER BOILERS & STORAGE TANKS. B-PERMIT #01016-20000-223 66.**

Permit Description: **Pressure Vessel**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 020452000000012  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: AVEDIKIAN CONSTRUCTION

Date: **12/11/2001**  
Permit Type:  
Description: **Plan Check REPLACE ROOFTOP EQUIPMENT & REINFORCE EXISTING PLATFORM.**

Permit Description: **Bldg-Alter/Repair**  
Work Class:  
Proposed Use: Apartment Hospital  
Permit Number: 010162000022366  
Status:  
Valuation: \$2,000.00  
Contractor Company:  
Contractor Name: AVEDIKIAN CONSTRUCTION

## ADJOINING PROPERTY FINDINGS

Date: **3/29/2001**  
Permit Type:  
Description: **No Plan Check NEW VALVE. NO ELEVATOR STATE# PROVIDED. (1) ELEVATOR IN THE BUILDING.**

Permit Description: **Elevator**  
Work Class:  
Proposed Use: Commercial  
Permit Number: 010461000000310  
Status:  
Valuation: \$0.00  
Contractor Company:  
Contractor Name: AMTECH ELEVATOR SERVICES

## GLOSSARY

### General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeyman:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

## GLOSSARY

### Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

### Sample Building Permit Data

Date: Nov 09, 2000

Permit Type: Bldg -

New Permit Number: 101000000405

Status: Valuation: \$1,000,000.00

Contractor Company: OWNER-BUILDER

Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.



## **Proposed Land Acquisition Mission Hills**

15149, 15151 & Adjacent Parcel Mission Hills Road

Mission Hills, CA 91345

Inquiry Number: 5109258.12

November 16, 2017

# **The EDR Aerial Photo Decade Package**



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

11/16/17

**Site Name:**

Proposed Land Acquisition Mis  
15149, 15151 & Adjacent Parc  
Mission Hills, CA 91345  
EDR Inquiry # 5109258.12

**Client Name:**

Ecobility Corporation  
PO Box 2651  
Palos Verdes Peninsula, CA 90274  
Contact: Michael Mooradian



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>
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 05, 2002	USDA
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 22, 1989	USDA
1983	1"=500'	Flight Date: November 19, 1983	EDR Proprietary Brewster Pacific
1979	1"=500'	Flight Date: February 05, 1979	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: February 14, 1977	EDR Proprietary Brewster Pacific
1969	1"=500'	Flight Date: July 25, 1969	USGS
1964	1"=500'	Flight Date: July 28, 1964	USGS
1952	1"=500'	Flight Date: July 09, 1952	USGS
1947	1"=500'	Flight Date: August 20, 1947	USGS
1938	1"=500'	Flight Date: May 13, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	USGS

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INQUIRY #: 5109258.12

YEAR: 2012

— = 500'







INQUIRY #: 5109258.12

YEAR: 2010

— = 500'







INQUIRY #: 5109258.12

YEAR: 2009

— = 500'







INQUIRY #: 5109258.12

YEAR: 2005

— = 500'







INQUIRY #: 5109258.12

YEAR: 2002

— = 500'







INQUIRY #: 5109258.12

YEAR: 1994

— = 500'







INQUIRY #: 5109258.12

YEAR: 1989

— = 500'







INQUIRY #: 5109258.12

YEAR: 1983

— = 500'







INQUIRY #: 5109258.12

YEAR: 1979

— = 500'







INQUIRY #: 5109258.12

YEAR: 1977

— = 500'







INQUIRY # 5109258.12

YEAR: 1969

— = 500'







INQUIRY #: 5109258.12

YEAR: 1964

— = 500'







INQUIRY #: 5109258.12

YEAR: 1952

— = 500'







INQUIRY #: 5109258.12

YEAR: 1947

— = 500'







INQUIRY #: 5109258.12

YEAR: 1938

— = 500'







INQUIRY #: 5109258.12

YEAR: 1928

— = 500'



**Proposed Land Acquisition Mission Hills**

15149, 15151 and Adjacent Parcel Mission Hills Road  
Mission Hills, CA 91345

Inquiry Number: 5109258.5  
November 16, 2017

# The EDR-City Directory Abstract

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### SECTION

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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

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

### RECORD SOURCES

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

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2014	EDR Digital Archive	-	X	X	-
2010	EDR Digital Archive	-	X	X	-
2006	Haines Company	-	-	-	-
2004	Haines Company	-	X	X	-
	Haines Company	X	X	X	-
2003	Haines & Company	-	-	-	-
2001	Haines Company, Inc.	-	-	-	-
2000	Haines	-	-	-	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	-	-	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-



## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1991	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1990	PACIFIC BELL WHITE PAGES	-	-	-	-
1986	Pacific Bell	-	-	-	-
1981	Pacific Telephone	-	-	-	-
1976	R.L. Polk & Co Publishers	-	-	-	-
1975	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	R. L. Polk & Co.	-	-	-	-
1970	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1969	Pacific Telephone	-	-	-	-
1967	R. L. Polk & Co.	-	-	-	-
1966	Pacific Telephone	-	-	-	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	-	-	-
1958	Pacific Telephone	-	-	-	-
1957	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	-	-	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Los Angeles Directory Co.	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Associated Telephone Company, Ltd.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	R. L. Polk & Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	-	-	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-

## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1933	Los Angeles Directory Co.	-	-	-	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	TRIBUNE-NEWS PUBLISHING CO.	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	-	-	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

## EXECUTIVE SUMMARY

### SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
15105 Mission Hills Road	Client Entered	X
15149 Mission Hills Road	Client Entered	X
15151 Mission Hills Road	Client Entered	X

# FINDINGS

## TARGET PROPERTY INFORMATION

### ADDRESS

15149, 15151 and Adjacent Parcel Mission Hills Road  
Mission Hills, CA 91345

### FINDINGS DETAIL

Target Property research detail.

### MISSION HILLS RD

#### **15149 MISSION HILLS RD**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	no info	Haines Company
1975	Goodyear Robt L	Pacific Telephone
1970	GOODYEAR ROBT L	Pacific Telephone
1962	GOODYEAR ROBT L	Pacific Telephone
1956	GOODYEAR ROBT L R	Pacific Telephone

#### **15151 MISSION HILLS RD**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	KLINGEROTTOMD	Haines Company
1991	Klinger Otto MD	Pacific Bell
1985	Klinger Otto MD	Pacific Bell
	Klinger P	Pacific Bell
1980	KLINGER OTTO MD	Pacific Telephone
1975	Klinger D S	Pacific Telephone
	Klinger J L	Pacific Telephone
	Klinger K V	Pacific Telephone
	Klinger Otto MD	Pacific Telephone
1970	TRAVIS MASON F	Pacific Telephone
1962	ALDRICH LLOYD	Pacific Telephone
1956	ALDRICH LLOYD R	Pacific Telephone
1950	ALDRICH LLOYD R	Pacific Telephone

### Mission Hills Road

#### **15149 Mission Hills Road**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	no info	Haines Company

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	Goodyear Robt L	Pacific Telephone
1970	GOODYEAR ROBT L	Pacific Telephone
1962	GOODYEAR ROBT L	Pacific Telephone
1956	GOODYEAR ROBT L R	Pacific Telephone

### 15151 Mission Hills Road

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	KLINGEROTTOMD	Haines Company
1991	Klinger Otto MD	Pacific Bell
1985	Klinger Otto MD	Pacific Bell
	Klinger P	Pacific Bell
1980	KLINGER OTTO MD	Pacific Telephone
1975	Klinger D S	Pacific Telephone
	Klinger J L	Pacific Telephone
	Klinger K V	Pacific Telephone
	Klinger Otto MD	Pacific Telephone
1970	TRAVIS MASON F	Pacific Telephone
1962	ALDRICH LLOYD	Pacific Telephone
1956	ALDRICH LLOYD R	Pacific Telephone
1950	ALDRICH LLOYD R	Pacific Telephone



## FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### Mission Hills Rd

##### 15099 Mission Hills Rd

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ARARAT HOME OF LOS ANGELES	EDR Digital Archive
	ARARAT HOME OF LOS ANGELES	EDR Digital Archive
2010	ARARAT HOME OF LOS ANGELES	EDR Digital Archive
	ARARAT HOME OF LOS ANGELES	EDR Digital Archive

#### MISSION HILLS RD

##### 15099 MISSION HILLS RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	VARTANIAN Vartlni	Haines Company
	YOGHOORDJIAN Marie	Haines Company
	OUNDJIAN BerdjouhI	Haines Company
	NALBANDIAN Emma	Haines Company
	NABIGHIANAraxi	Haines Company
	MISSIRLIAN Victoria	Haines Company
	MERJANIAN Josphine	Haines Company
	MERJANIANAntipas	Haines Company
	KHOSHABOOTamara	Haines Company
	KARAPETIAN Manoush	Haines Company
	HDSSANDJIAN Eugenie	Haines Company
	DJENDEREDJIANZabel	Haines Company
	CHUCHIAN Dennis	Haines Company
	CHERBEITOVAAlis	Haines Company
	AVAKIAN Hasmlck	Haines Company
	APARTMENTS	Haines Company
	ROSTOMIANAnnrmenoohli	Haines Company

##### 15103 MISSION HILLS RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	no info	Haines Company
1975	Di Pietro John	Pacific Telephone
1970	DI PIETRO JOHN	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	DI PIETRO JOHN	Pacific Telephone

### **Mission Hills Rd**

#### **15105 Mission Hills Rd**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ARARAT HOME OF LOS ANGELES	EDR Digital Archive
	ESKIJIAN MUSEUM	EDR Digital Archive
	ARARAT HOME OF LOS ANGELES	EDR Digital Archive
	ESKIJIAN MUSEUM	EDR Digital Archive
2010	ARARAT HOME OF LOS ANGELES	EDR Digital Archive
	ARARAT HOME OF LOS ANGELES	EDR Digital Archive

### **MISSION HILLS RD**

#### **15105 MISSION HILLS RD**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	ARARAT HOME OF LA	Haines Company
	PAINTER Angele	Haines Company
	SHANOFFSonia	Haines Company
	SHIRINIAN Vahloch	Haines Company
	SIDEROPOULOS Panlelis	Haines Company
	SUKIASIAN Marha	Haines Company
	TAVIDIANAlex	Haines Company
	YARICIYANSake	Haines Company
	ZARKOUNKay	Haines Company
	OLEANDER Kathleen	Haines Company
	MEKENIANAnlik	Haines Company
	KING Grace	Haines Company
	HACOPIANShoushan	Haines Company
	GHARIBIANMaryam	Haines Company
	ESKEJIAN Adrena	Haines Company
	BOGOZIANH	Haines Company
	BEDROSSIAN Koharik	Haines Company
	BARONIANSandra	Haines Company
	ATAMIAN Maria	Haines Company
	ARUTAOr	Haines Company
ARTINYANBer	Haines Company	
ARMENIANSaro H	Haines Company	

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	ARARAT HOME OF LA	Haines Company
	ARARAT HOME OF LA	Haines Company
	AMMARIZ	Haines Company
	Ambartsum	Haines Company
	ALAKHVERDYAN	Haines Company
	AGHAZARIAN Haig	Haines Company
	ABVALIAN Manavaz	Haines Company
1991	Pacific Mechanical Contractors	Pacific Bell

### 15150 MISSION HILLS RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	no info	Haines Company

### Mission Hills Road

#### 15105 Mission Hills Road

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	TAVIDIANAlex	Haines Company
	YARICIYANSake	Haines Company
	ZARKOUNKay	Haines Company
	ARARAT HOME OF LA	Haines Company
	ABVALIAN Manavaz	Haines Company
	AGHAZARIAN Haig	Haines Company
	ALAKHVERDYAN	Haines Company
	Ambartsum	Haines Company
	AMMARIZ	Haines Company
	ARARAT HOME OF LA	Haines Company
	ARMENIANSaro H	Haines Company
	ARTINYANBer	Haines Company
	ATAMIAN Maria	Haines Company
	BARONIANSandra	Haines Company
	BEDROSSIAN Koharik	Haines Company
	BOGOZIANH	Haines Company
	ESKEJIAN Adrena	Haines Company
	GHARIBIANMaryam	Haines Company
	HACOPIANShoushan	Haines Company
	KING Grace	Haines Company
	MEKENIANAnlik	Haines Company
	OLEANDER Kathleen	Haines Company

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2004	SHANOFF Sonia	Haines Company
	SHIRINIAN Vahloch	Haines Company
	SIDEROPOULOS Panlelis	Haines Company
	SUKIASIAN Marha	Haines Company
	ARUTA Ora	Haines Company
	ARARAT HOME OF LA	Haines Company
	PAINTER Angele	Haines Company
1991	Pacific Mechanical Contractors	Pacific Bell
1962	PECK CURTIS	Pacific Telephone

## FINDINGS

### TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

#### Address Researched

15149, 15151 and Adjacent  
Parcel Mission Hills Road

#### Address Not Identified in Research Source

2014, 2010, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

### ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

#### Address Researched

15099 MISSION HILLS RD

#### Address Not Identified in Research Source

2014, 2010, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

15099 Mission Hills Rd

2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

15099 Mission Hills Rd

2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

15103 MISSION HILLS RD

2014, 2010, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

15105 MISSION HILLS RD

2014, 2010, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

15105 Mission Hills Rd

2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

15105 Mission Hills Rd

2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920



## FINDINGS

### **Address Researched**

15105 Mission Hills Road

15150 MISSION HILLS RD

### **Address Not Identified in Research Source**

2014, 2010, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

2014, 2010, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

**Proposed Land Acquisition Mission Hills**

15149, 15151 & Adjacent Parcel Mission Hills Road  
Mission Hills, CA 91345

Inquiry Number: 5109258.7  
November 17, 2017

# EDR Environmental Lien and AUL Search

## EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EDR Environmental Lien and AUL Search

### TARGET PROPERTY INFORMATION

#### ADDRESS

15149, 15151 & Adjacent Parcel Mission Hills Road  
Proposed Land Acquisition Mission Hills  
Mission Hills, CA 91345

#### RESEARCH SOURCE

##### **Source 1:**

LA Recorder  
Los Angeles, CA

#### PROPERTY INFORMATION

##### **Deed 1:**

Type of Deed: deed  
Title is vested in: Otto J Klinger Trustee  
Title received from: Otto J Klinger Trustee  
Deed Dated: 1/31/2008  
Deed Recorded: 4/3/2008  
Book: NA  
Page: na  
Volume: na  
Instrument: na  
Docket: NA  
Land Record Comments:  
Miscellaneous Comments:

**Legal Description:** See Exhibit

**Legal Current Owner:** Otto J Klinger Trustee

**Parcel # / Property Identifier:** 2664-022-008

**Comments:** See Exhibit

##### **Deed 2:**

Type of Deed: deed  
Title is vested in: Otto J Klinger Trustee  
Title received from: Otto J Klinger Trustee  
Deed Dated: 1/31/2008  
Deed Recorded: 4/3/2008  
Book: NA  
Page: na  
Volume: na  
Instrument: na  
Docket: NA  
Land Record Comments:

## EDR Environmental Lien and AUL Search

Miscellaneous Comments:

**Legal Description:** See Exhibit  
**Legal Current Owner:** Otto J Klinger Trustee  
**Parcel # / Property Identifier:** 2664-022-009  
**Comments:** See Exhibit

### Deed 3:

Type of Deed: deed  
Title is vested in: Otto J Klinger Trustee  
Title received from: Otto J Klinger Trustee  
Deed Dated: 3/5/2008  
Deed Recorded: 4/3/2008  
Book: NA  
Page: na  
Volume: na  
Instrument: na  
Docket: NA  
Land Record Comments:  
Miscellaneous Comments:

**Legal Description:** See Exhibit  
**Legal Current Owner:** Otto J Klinger Trustee  
**Parcel # / Property Identifier:** 2664-022-018  
**Comments:** See Exhibit

### ENVIRONMENTAL LIEN

Environmental Lien: Found  Not Found

### OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found  Not Found



## **Deed Exhibit 1**

This page is part of your document - DO NOT DISCARD



20080572494

Pages:  
004



Recorded/Filed in Official Records  
Recorder's Office, Los Angeles County,  
California

Fee: 13.00

Tax: 0.00

Other: 0.00

Total: 13.00

04/03/08 AT 08:00AM

Title Company

TITLE(S) : DEED

---



Assessor's Identification Number (AIN)

To be completed by Examiner OR Title Company in black ink.

Number of AIN's Shown

RECORDING REQUESTED BY

AND WHEN RECORDED MAIL THIS DEED AND, UNLESS OTHERWISE SHOWN BELOW, MAIL TAX STATEMENT TO

Name **Otto Klinger**  
Street **P O Box 950999**  
Address **Mission Hills, CA 91395**

City &  
State  
Zip

Title Order No \_\_\_\_\_ Escrow No \_\_\_\_\_

04/03/08



20080572494

T 355 Legal (2-94)

# Grant Deed

SPACE ABOVE THIS LINE FOR RECORDER'S USE

THE UNDERSIGNED GRANTOR(S) DECLARE(S)

DOCUMENTARY TRANSFER TAX IS \$ -0-\*

\_\_\_\_\_ unincorporated area  City of Mission Hills

Parcel No 2664-022-008-04-000

\* The conveyance transfers an interest into or out of a living trust, R&T 11911

computed on full value of interest or property conveyed, or

computed on full value less value of liens or encumbrances remaining at time of sale, and

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, **Otto J Klinger, Trustee of the Administrative Trust of the Klinger Family Trust**

hereby GRANT(S) to **Otto J. Klinger, Trustee of the Survivor's Trust of the Klinger Family Trust** all of the Administrative Trust's 50% undivided interest

the following described real property in the city of **Mission Hills**  
county of **Los Angeles**, state of California

"THIS IS A BONAFIDE GIFT AND THE GRANTOR RECEIVED NOTHING IN RETURN, R & T 11911"

See Exhibit "A" attached hereto

Dated January 31, 2008

*Otto J. Klinger, Trustee*  
Otto J Klinger, Trustee

STATE OF CALIFORNIA }  
COUNTY OF \_\_\_\_\_ } s.s.  
On \_\_\_\_\_ before me,

a Notary Public in and for said County and State, personally appeared

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument

WITNESS my hand and official seal

Signature \_\_\_\_\_

(This area for notarial seal)

MAIL TAX STATEMENTS TO PARTY SHOWN ON FOLLOWING LINE; IF NO PARTY SHOWN, MAIL AS DIRECTED ABOVE

Name

Street Address

City & State

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Los Angeles }

On 1/31/08 before me, Stephanie Works, Notary Public,  
Date Here Insert Name and Title of the Officer

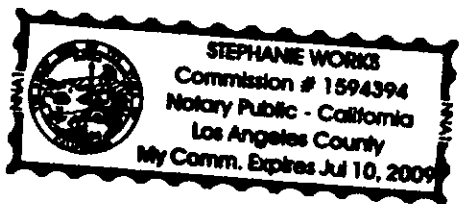
personally appeared Otto J. Klinger  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal

Signature Stephanie Works  
Signature of Notary Public



Place Notary Seal Above

### OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document*

#### Description of Attached Document

Title or Type of Document \_\_\_\_\_

Document Date \_\_\_\_\_ Number of Pages \_\_\_\_\_

Signer(s) Other Than Named Above \_\_\_\_\_

#### Capacity(ies) Claimed by Signer(s)

Signer's Name \_\_\_\_\_

- Individual
- Corporate Officer — Title(s) \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing \_\_\_\_\_

Signer's Name \_\_\_\_\_

- Individual
- Corporate Officer — Title(s) \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing \_\_\_\_\_

08 0572494

**EXHIBIT "A"**

**LEGAL DESCRIPTION**

That portion of Lot 3 of Tract 3660, in the City of Los Angeles, County of Los Angeles, State of California, as per map recorded in Book 38, pages 96 and 97 of Maps, in the office of the County Recorder of said County; that portion of Lot 63, Section 4, Subdivision No. 1 of the property of the Porter Land and Water Company, as per Map recorded in Book 31, page 3 of Miscellaneous Records, in the office of the County Recorder of said County; and that portion of the Rancho Ex-Mission de San Fernando, as per map recorded in Book 37, page 5 et seq. of Miscellaneous Records, in the office of the County Recorder of said County, described as a whole as follows.

Commencing at the most Easterly corner of said Lot 3; thence Westerly along the Southerly line of said Lot 3 on a curve concave to the South having a radius of 894.15 feet, a distance of 60.82 feet to the Westerly line of the land described in deed to Edwin Allen Curtis, recorded in Book 7300 page 248 of Deeds, records of said County, thence North 28° 51' 30" West parallel with the Easterly line of said Lot 3, a distance of 150 feet; thence South 81° 16' 30" West a distance of 370.17 feet; to the true point of beginning; thence continuing South 81° 16' 30" West, a distance of 303.98 feet, more or less, to a point on the westerly line of the land described in deed to Walter R. Elerath and wife, recorded in Book 23124, page 225, Official Records of said County; distant North along said Westerly line 323.41 feet from the southwesterly corner of said land of Elerath; thence Southerly along said Westerly line and its southerly prolongation, 386 feet to the northwesterly line of the land described in deed to H.S. Hazeltine; recorded in Book 6546, page 24 of Deeds, Records of said County; thence North 73° 28'30" East along said northwesterly line, 57.80 feet to the beginning of a tangent curve concave to the Northwest having a radius of 2894.93 feet; thence Easterly along said curve, 365.27 feet; thence tangent to said curve, North 66° 14' 45" East, a distance of 55.47 feet; thence North 28° 52' 30" West parallel with the easterly line of said Lot 3, a distance of 305.92 feet to the true point of beginning.

EXCEPTION THEREFROM 50 percent of all gas, oil, hydrocarbons, and all minerals lying in, on or under said land; however, no right of entry is reserved upon the surface for the purpose of exploring for or extracting oil, gas, hydrocarbons or minerals; reserving however, the right to enter the subsurface below a level of 500 feet for the purpose of extracting same, as reserved by Willard L. Cross and Beatrice I. Cross, in deed recorded February 6, 1956, in Book 50236, Page 292, Official Records.

EXCEPTING AND RESERVING UNTO JAMES V. PERRY AND SARA A. PERRY, husband and wife, as former Grantors, their successors or assigns, fifty (50%) percent of all gas, oil, hydrocarbons and all minerals lying in, on or under said land; however, no right of entry is reserved upon the surface for the purpose of exploring for or extracting oil, gas, hydrocarbons or minerals; reserving, however, the right to enter the sub-surface below a level of 500 feet for the purpose of extracting same.

APN: 2664-022-008-04-000

08 0572494



## **Deed Exhibit 2**

This page is part of your document - DO NOT DISCARD



**20080572498**

Pages:  
004



Recorded/Filed in Official Records  
Recorder's Office, Los Angeles County,  
California

Fee: 13.00

Tax: 0.00

Other: 0.00

Total: 13.00

04/03/08 AT 08:00AM

Title Company

TITLE(S) : DEED

---



Assessor's Identification Number (AIN)

To be completed by Examiner OR Title Company in black ink.

Number of AIN's Shown

RECORDING REQUESTED BY

AND WHEN RECORDED MAIL THIS DEED AND, UNLESS OTHERWISE SHOWN BELOW, MAIL TAX STATEMENT TO

Name Otto Klinger  
Street P.O. Box 950999  
Address Mission Hills, CA 91395  
City & State  
Zip  
Title Order No \_\_\_\_\_ Escrow No \_\_\_\_\_



T 355 Legal (2-94)

# Grant Deed

SPACE ABOVE THIS LINE FOR RECORDER'S USE

THE UNDERSIGNED GRANTOR(S) DECLARE(S)

DOCUMENTARY TRANSFER TAX IS \$ -0-\*

\_\_\_\_\_ unincorporated area  City of Mission Hills

Parcel No 2664-022-009-04-000

\* This conveyance transfers an interest into or out of a living trust, R&T 11930

computed on full value of interest or property conveyed, or

computed on full value less value of liens or encumbrances remaining at time of sale, and

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, Otto J Klinger, Trustee of the Administrative Trust of the Klinger Family Trust

hereby GRANT(S) to Otto J Klinger, Trustee of the Survivor's Trust of the Klinger Family Trust all of the Administrative Trust's 50% undivided interest in and to

the following described real property in the city of Mission Hills county of Los Angeles, state of California

See Exhibit "A" attached hereto

"THIS IS A BONAFIDE GIFT AND THE GRANTOR RECEIVED NOTHING IN RETURN, R & T 11911"

Dated January 31, 2008

*Otto J. Klinger, Trustee*  
Otto J Klinger, Trustee

STATE OF CALIFORNIA }  
COUNTY OF \_\_\_\_\_ } s.s.

On \_\_\_\_\_ before me,

a Notary Public in and for said County and State, personally appeared

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument

WITNESS my hand and official seal

Signature \_\_\_\_\_

(This area for notarial seal)

MAIL TAX STATEMENTS TO PARTY SHOWN ON FOLLOWING LINE; IF NO PARTY SHOWN, MAIL AS DIRECTED ABOVE

Name

Street Address

City & State

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

State of California

County of Los Angeles }

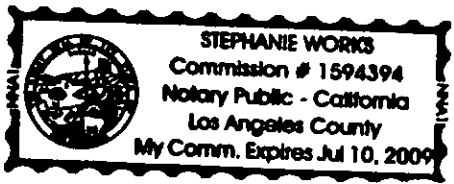
On 1/31/08 before me, Stephanie Works, Notary Public  
Date Here Insert Name and Title of the Office

personally appeared Otto J. Klinger  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/hers/their authorized capacity(ies), and that by his/hers/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct

WITNESS my hand and official seal  
Signature Stephanie Works  
Signature of Notary Public



Place Notary Seal Above

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document*

**Description of Attached Document**

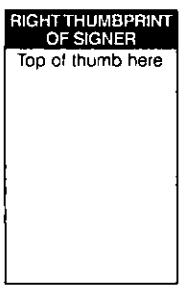
Title or Type of Document Grant Deed

Document Date 1/31/08 Number of Pages \_\_\_\_\_

Signer(s) Other Than Named Above \_\_\_\_\_

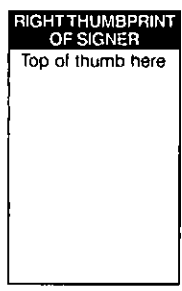
**Capacity(ies) Claimed by Signer(s)**

- Signer's Name \_\_\_\_\_
- Individual
  - Corporate Officer — Title(s) \_\_\_\_\_
  - Partner —  Limited  General
  - Attorney in Fact
  - Trustee
  - Guardian or Conservator
  - Other: \_\_\_\_\_



Signer Is Representing \_\_\_\_\_

- Signer's Name \_\_\_\_\_
- Individual
  - Corporate Officer — Title(s) \_\_\_\_\_
  - Partner —  Limited  General
  - Attorney in Fact
  - Trustee
  - Guardian or Conservator
  - Other: \_\_\_\_\_



Signer Is Representing \_\_\_\_\_

08 0572498

**EXHIBIT "A"**

**LEGAL DESCRIPTION**

That portion of Lot 3 of Tract 3660, in the City of Los Angeles, as per map recorded in Book 38 pages 96 and 97 of Maps, in the office of the County Recorder, Los Angeles County, State of California; that portion of the Rancho Ex-Mission de San Fernando, in the City of Los Angeles, County of Los Angeles, State of California, described as a whole as follows:

Commencing at the most Easterly corner of said Lot 3; thence Westerly along the Southerly line of said Lot 3 on a curve concave to the South having a radius of 894.15 feet, a distance of 60.82 feet to the Westerly line of the land described in deed to Edwin Allen Curtis, recorded in Book 7300 page 248 of Deeds, Records of said County, being the true point of beginning; thence North 28° 52' 30" West parallel with the Easterly line of said Lot 3, a distance of 150 feet; thence South 81° 16' 30" West a distance of 370.17 feet; thence South 28° 52' 30" East parallel with the Easterly line of said Lot 3, a distance of 305.92 feet to the Northwesterly line of the land described in deed to H. S. Hazeltine recorded in Book 6546 page 24 of Deeds, Records of said County; thence North 66° 14' 45" East along said Northwesterly line, a distance of 250.31 feet to the Easterly line of said land of Hazeltine; thence North 32.78 feet; thence North 66° 14' 45" East a distance of 44.21 feet to the beginning of a tangent curve concave to the South having a radius of 864.15 feet; thence Easterly along said last mentioned curve 38.64 feet to the Westerly line of the land described in deed to Edwin Allen Curtis, recorded in Book 7300 page 248 of Deeds, Records of Los Angeles County; thence North 28° 52' 30" West along the Westerly line of said land of Curtis 30.25 feet to the true point of beginning.

EXCEPTING AND RESERVING UNTO THE FORMER GRANTOR LYDIA CROSS ENRIGHT, a married woman, 1/2 of all oil, mineral, gas and other hydrocarbon substances below a depth of 500 feet under the real property hereinabove described, without the right of surface entry, together with 1/2 of Grantor's right, title and interest in and to that certain Oil and Gas Lease between Lydia Cross Enright, as Lessor, and George D. Rowan, as Lessee, for the term and upon the terms, conditions, and covenants, therein provided, as recorded January 23, 1975 in Book M4901 page 267, Official Records of Los Angeles County.

APN: 2664-022-009-04-000

08 0572498



## **Deed Exhibit 3**

This page is part of your document - DO NOT DISCARD



20080572500

Pages:  
005



Recorded/Filed in Official Records  
Recorder's Office, Los Angeles County,  
California

Fee: 16.00  
Tax: 0.00  
Other: 0.00  

---

Total: 16.00

04/03/08 AT 08:00AM

Title Company

TITLE(S) : DEED

---



Assessor's Identification Number (AIN)

To be completed by Examiner OR Title Company in black ink.

Number of AIN's Shown

- -

2

RECORDING REQUESTED BY

AND WHEN RECORDED MAIL THIS DEED AND, UNLESS OTHERWISE SHOWN BELOW, MAIL TAX STATEMENT TO

Name **Otto Klinger**  
Street **P O Box 950999**  
Address **Mission Hills, CA 91395**  
City & State  
Zip  
Title Order No \_\_\_\_\_ Escrow No \_\_\_\_\_



T 355 Legal (2-94)

Grant Deed

SPACE ABOVE THIS LINE FOR RECORDER'S USE

THE UNDERSIGNED GRANTOR(S) DECLARE(S)

DOCUMENTARY TRANSFER TAX IS \$ -0\*

\_\_\_\_\_ unincorporated area  City of Mission Hills

Parcel No 2664-022-018-04-000

\* This conveyance transfers an interest into or out of a living trust, R&T 11930

computed on full value of interest or property conveyed, or

computed on full value less value of liens or encumbrances remaining at time of sale, and

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, **Otto J Klinger, a widow**

hereby GRANT(S) to **Otto J Klinger, Trustee of the Survivor's Trust of the Klinger Family Trust as to a 50% undivided interest, Otto Klinger, Trustee of the Credit Trust of the Klinger Family Trust as to a 22 455% undivided interest, and Otto J Klinger, Trustee of the Marital Trust of the Klinger Family Trust as to a 27 545% undivided interest**

the following described real property in the **City of Mission Hills**  
county of **Los Angeles**, state of California See Exhibit "A" attached hereto

The purpose of this deed is to replace and correct the earlier recorded Grant Deeds which contained the wrong legal description and to include the percentage interest of the property transferred The earlier recorded Grant Deeds are as follows Instrument No 93-1488249 recorded on August 2, 1993, Instrument Nos 06-386625, 06-386626 and 06-386627 recorded on February 21, 2006

Dated 3-5-08

STATE OF CALIFORNIA  
COUNTY OF LOS ANGELES } s.s.  
On (SEE ATTACHED CERTIFICATE) before me,

Otto J. Klinger  
Otto J. Klinger

a Notary Public in and for said County and State, personally appeared

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument  
WITNESS my hand and official seal

Signature \_\_\_\_\_

(This area for notarial seal)

MAIL TAX STATEMENTS TO PARTY SHOWN ON FOLLOWING LINE; IF NO PARTY SHOWN, MAIL AS DIRECTED ABOVE

Name

Street Address

City & State

CTC-13

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of LOS ANGELES

On MARCH 5, 2008 before me, JANET LEE STOAKLEY, Notary Public,  
Date Here Insert Name and Title of the Officer

personally appeared OTTO J. KLINGER  
Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person~~(s)~~ whose name~~(s)~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she~~/~~they~~ executed the same in his/~~her~~/~~their~~ authorized capacity~~(ies)~~, and that by his/~~her~~/~~their~~ signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon behalf of which the person~~(s)~~ acted, executed the instrument

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

Signature Janet Lee Stoakley  
Signature of Notary Public

Place Notary Seal Above

## OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document*

### Description of Attached Document

Title or Type of Document GRANT DEED

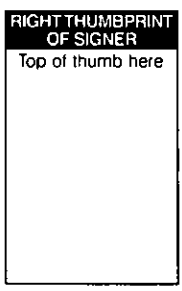
Document Date NO DATE Number of Pages 3

Signer(s) Other Than Named Above NONE

### Capacity(ies) Claimed by Signer(s)

Signer's Name: OTTO J. KLINGER

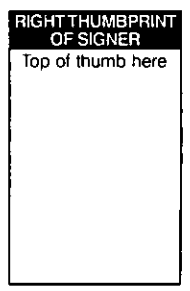
- Individual
- Corporate Officer — Title(s) \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s) \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer Is Representing \_\_\_\_\_

08 0572500

EXHIBIT "A"

4

PARCEL 1

THAT PORTION OF LOT 3 OF TRACT NO. 3660, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 38 PAGE(S) 96 AND 97 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, DESCRIBED AS FOLLOWS:

COMMENCING AT THE MOST EASTERLY CORNER OF SAID LOT; THENCE WESTERLY ALONG THE SOUTHERLY LINE OF SAID LOT ON A CURVE CONCAVE TO THE SOUTH HAVING A RADIUS OF 894.15 FEET, A DISTANCE OF 60.82 FEET TO THE WESTERLY LINE OF THE LAND DESCRIBED IN DEED TO EDWIN ALLEN CURTIS, RECORDED AUGUST 14, 1920 IN BOOK 7300 PAGE 218 OF DEEDS, RECORDS OF SAID COUNTY; THENCE NORTH 28 DEGREES 52 MINUTES 30 SECONDS WEST PARALLEL WITH THE EASTERLY LINE OF SAID LOT, 150 FEET TO THE TRUE POINT OF BEGINNING; THENCE SOUTH 81 DEGREES 16 MINUTES 30 SECONDS WEST 664.03 FEET, MORE OR LESS, TO THE SOUTHEAST CORNER OF THE LAND DESCRIBED IN THE DEED TO EDEN MEMORIAL PARK ASSOCIATION, RECORDED FEBRUARY 8, 1955 IN BOOK 46851 PAGE 33, OFFICIAL RECORDS OF SAID COUNTY; THENCE ALONG THE EASTERLY BOUNDARY OF SAID LAST MENTIONED LAND NORTH 365.29 FEET, WEST 5.00 FEET, NORTH 15.00 FEET, AND EAST 5.00 FEET TO THE WESTERLY LINE OF THE LAND DESCRIBED IN THE DEED TO HAROLD P. STURGEON AND WIFE, RECORDED JULY 17, 1963 IN BOOK D-2106 PAGE 683, FOR OF SAID COUNTY; THENCE ALONG SAID WEST LINE SOUTH 0.62 FEET TO THE SOUTHWEST CORNER OF SAID LAST MENTIONED LAND; THENCE ALONG THE SOUTHERLY AND EASTERLY LINES OF SAID LAND OF STURGEON NORTH 62 DEGREES 37 MINUTES 45 SECONDS EAST 206.66 FEET, NORTH 11 DEGREES 57 MINUTES 55 SECONDS WEST 93.00 FEET, NORTH 55 DEGREES 05 MINUTES 55 SECONDS WEST 68 87 FEET, AND NORTH 1 DEGREE 58 MINUTES 33 SECONDS WEST 131.77 FEET TO THE NORTHEAST CORNER OF SAID LAND OF STURGEON; THENCE ALONG THE EASTERLY PROLONGATION OF THE NORTHERLY LINE OF SAID LAND OF STURGEON NORTH 87 DEGREES 40 MINUTES 00 SECONDS EAST TO AN ANGLE POINT IN THE EASTERLY LINE OF SAID LOT 3, SAID ANGLE POINT BEING THE NORTHERLY EXTREMITY OF THAT CERTAIN COURSE IN SAID EASTERLY LINE SHOWN ON SAID MAP AS HAVING A BEARING AND LENGTH OF SOUTH 24 DEGREES 51 MINUTES EAST 292.63 FEET; THENCE SOUTH 65 DEGREES 09 MINUTES WEST 60 FEET TO THE WESTERLY LINE OF THE LAND DESCRIBED IN SAID DEED TO CURTIS; THENCE SOUTHERLY ALONG SAID LAST MENTIONED WESTERLY LINE 700.25 FEET, MORE OR LESS TO THE TRUE POINT OF BEGINNING.

EXCEPT THEREFROM THAT CERTAIN TRIANGULAR PORTION THEREOF CONVEYED TO HAROLD P. STURGEON AND RACHAEL A. STURGEON, HUSBAND AND WIFE, BY DEED RECORDED DECEMBER 4, 1973 AS INSTRUMENT NO. 1675, DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEASTERLY TERMINUS OF THAT CERTAIN SOUTHERLY LINE OF THE LAND OF STURGEON DESCRIBED ABOVE AS HAVING A BEARING AND LENGTH OF "NORTH 62 DEGREES 37 MINUTES 45 SECONDS EAST 206.66 FEET" THENCE SOUTH 11 DEGREES 57 MINUTES 55 SECONDS EAST 40 FEET; THENCE SOUTH 78 DEGREES 02 MINUTES 05 SECONDS WEST 145.17 FEET TO A POINT IN THE LAST ABOVE DESCRIBED SOUTHERLY LINE OF THE LAND OF STURGEON.

THE ABOVE DESCRIBED LAND IS SHOWN AS PARCEL B OF PARCEL MAP-L.A. NO. 2889 AS SHOWN ON THE MAP FILED IN BOOK 58 PAGE 14 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAIS LOS ANGELES COUNTY.

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PARCEL 2:

AN EASEMENT 4 FEET WIDE FOR INSTALLATION AND MAINTENANCE OF WATER PIPES OVER A PORTION OF LOT 3 OF TRACT NO. 3660, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 38 PAGE(S) 96 AND 97 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, THE CENTER LINE OF WHICH IS DESCRIBED AS FOLLOWS:

COMMENCING AT THE MOST EASTERLY CORNER OF SAID LOT 3; THENCE WESTERLY ALONG THE SOUTHERLY LINE OF SAID LOT IN A CURVE CONCAVE TO THE SOUTH HAVING A RADIUS OF 894.15 FEET, A DISTANCE OF 60.82 FEET TO THE WESTERLY LINE OF THE LAND DESCRIBED IN DEED TO EDLIN ALLEN CURTIS, RECORDED IN BOOK 7300 PAGE 248 OF DEEDS, RECORDS OF SAID COUNTY; THENCE NORTHWESTERLY ALONG SAID WESTERLY LINE 852.25 FEET, MORE OR LESS, TO A LINE PARALLEL WITH AND DISTANT NORTHERLY 2 FEET, MEASURED AT RIGHT ANGLES, FROM THE NORTHERLY LINE OF SAID LAND OF CURTIS, BEING THE TRUE POINT OF BEGINNING; THENCE NORTH 65 DEGREES 09 MINUTES EAST PARALLEL WITH SAID NORTHERLY LINE 60 FEET; THENCE EASTERLY IN A DIRECT LINE TO A POINT IN THE EASTERLY LINE OF SAID LOT 3, DISTANT SOUTHERLY ALONG SAID EASTERLY LINE 500 FEET FROM THE NORTHEASTERLY CORNER OF SAID LOT.

THE SIDE LINES OF SAID EASEMENT SHALL BE PROLONGED OR SHORTENED SO AS TO TERMINATE IN SAID EASTERLY LINE OF LOT 3.

EXCEPT THEREFROM THAT PORTION LYING WITHIN THE LINES OF PARCELS 1 AND 2 ABOVE DESCRIBED.

PARCEL 3

AN EASEMENT FOR ROAD PURPOSES OVER THAT PORTION OF LOT 3, OF TRACT NO. 3660, IN THE CITY OF LOS ANGELES, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 38 PAGE(S) 96 AND 97 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY INCLUDED WITHIN A STRIP OF LAND 30 FEET IN WIDTH, EXTENDING SOUTHERLY FROM THE SOUTHERLY LINE OF PARCEL 1 ABOVE DESCRIBED TO THE SOUTHERLY LINE OF SAID LOT, THE WESTERLY LINE OF SAID STRIP OF LAND BEING PARALLEL WITH AND DISTANT WESTERLY 30 FEET MEASURED AT RIGHT ANGLES FROM THE WESTERLY LINE OF THE LAND DESCRIBED IN DEED TO EDWIN ALLEN CURTIS, RECORDED IN BOOK 7300 PAGE 248 OF DEEDS, RECORDS OF SAID COUNTY.

PARCEL 4:

RIGHT OF CO-TENANCY IN THAT CERTAIN EASEMENT DEEDED TO GRANTOR JUNE 24, 1946 AND RECORDED JUNE 25, 1956 IN BOOK 23279 PAGE 432, OFFICIAL RECORDS OF SAID COUNTY, SAID CO-TENANCY RIGHTS TO EXTEND FROM THE EASTERLY BOUNDARY OF SAID LOT 3, TO THE TERMINATION OF THE NOW EXISTENT EASEMENT OF THE DEPARTMENT OF WATER & POWER OF THE CITY OF LOS ANGELES, IN LOT 4 OF SAID TRACT NO. 3660, IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA.

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**Appendix D:**  
**REGULATORY RECORDS**

**Proposed Land Acquisition Mission Hills**

15149, 15151 & Adjacent Parcel Mission Hills Road  
Mission Hills, CA 91345

Inquiry Number: 5109258.2s

November 15, 2017

**The EDR Radius Map™ Report with GeoCheck®**



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

15149, 15151 & ADJACENT PARCEL MISSION HILLS ROAD  
MISSION HILLS, CA 91345

#### COORDINATES

Latitude (North): 34.2820800 - 34° 16' 55.48"  
Longitude (West): 118.4638630 - 118° 27' 49.90"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 365255.4  
UTM Y (Meters): 3794207.5  
Elevation: 1127 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5636833 SAN FERNANDO, CA  
Version Date: 2012

#### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140514  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
 15149, 15151 & ADJACENT PARCEL MISSION HILLS ROAD  
 MISSION HILLS, CA 91345

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	UNK	15105 MISSION HILLS	SWEEPS UST, CA FID UST	Lower	1 ft.
2	EDEN MEMORIAL PARK A	11521 MEMORY PARK AV	SWEEPS UST, CA FID UST	Lower	102, 0.019, SSW
A3	SAME AS ABOVE	11500 SEPULVEDA BLVD	HIST UST	Higher	563, 0.107, West
A4	EDEN MEMORIAL PARK A	11500 SEPULVEDA BLVD	SWEEPS UST, HIST UST, CA FID UST	Higher	563, 0.107, West
B5	91844 - CHEVRON STAT	15448 RINALDI ST	SWEEPS UST, CA FID UST	Lower	1027, 0.195, SW
B6	91844	15448 RINALDI	HIST UST	Lower	1027, 0.195, SW
C7	OUTPATIENT DIAGNOSTI	11570 INDIAN HILLS R	RCRA-SQG, FINDS, ECHO, HAZNET	Lower	1122, 0.213, ESE
C8	HOLY CROSS SURGERY C	11550 INDIAN HILLS R	UST	Lower	1140, 0.216, ESE
C9	HOLY CROSS SURGERY C	11550 INDIAN HILLS R	SWEEPS UST, CA FID UST	Lower	1140, 0.216, ESE
D10	HOLY CROSS HOSPITAL	15031 RINALDI STKEET	HIST UST	Lower	1164, 0.220, SE
D11	PROVIDENCE HOLY CROS	15031 W RINALDI ST	UST	Lower	1164, 0.220, SE
C12	PROVIDENCE HOLY CROS	11550 N INDIAN HILLS	UST	Lower	1176, 0.223, ESE
D13	CITY OF HOPE MISSION	15031 RINALDI ST	CA FID UST, HAZNET	Lower	1207, 0.229, SE
D14	HOLY CROSS MEDICAL C	15031 RINALDI ST	UST, SWEEPS UST, HIST UST	Lower	1207, 0.229, SE
15	TERRIBLE HERBST OIL	11501 SEPULVEDA BLVD	LUST, HIST CORTESE	Lower	1407, 0.266, WSW
16	NORTH HILLS RECYCLIN	11700 BLUCHER AVENUE	SWF/LF	Lower	1441, 0.273, WNW
E17	ROLL-OFFS 4 LESS	14801 RINALDI ST.	SWF/LF	Lower	1728, 0.327, WSW
F18	SAN FERNANDO CALTRAN	11930 BLUCHER AVENUE	SWF/LF	Higher	1869, 0.354, NW
E19	CAREY WEHRLI	15540 RINALDI ST	LUST	Lower	1916, 0.363, WSW
E20	SHELL SERVICE STATIO	15540 RINALDI STREET	LUST, HIST CORTESE	Lower	1916, 0.363, WSW
F21	NORTH HILLS RECYCLIN	11700 BLUCHER AVE	SWF/LF, HAZNET	Higher	1936, 0.367, NW
22	GENESIS RECYCLING	801 RINALDI ST STE R	SWRCY	Lower	2059, 0.390, ESE
23	LAUSD - NORTH VALLEY	11450 N SHARP AVE	LUST	Lower	2094, 0.397, SE
G24	NORTH HILLS RECYCLIN	11780 BLUCHER AVE.	SWF/LF	Higher	2182, 0.413, NW
G25	CALTRANS HIGHWAY MAI	11930 N BLUCHER AVE	LUST, AST	Higher	2322, 0.440, NW
H26	TOSCO - 76 STATION #	11550 LAUREL CANYON	LUST	Lower	2407, 0.456, ESE
H27	TOSCO S.S. #4713	11550 LAUREL CNYN	HIST CORTESE	Lower	2407, 0.456, 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-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  
US INST CONTROL..... Sites with Institutional Controls



# EXECUTIVE SUMMARY

## ***Federal ERNS list***

ERNS..... Emergency Response Notification System

## ***State- and tribal - equivalent NPL***

RESPONSE..... State Response Sites

## ***State- and tribal - equivalent CERCLIS***

ENVIROSTOR..... EnviroStor Database

## ***State and tribal leaking storage tank lists***

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

SLIC..... Statewide SLIC Cases

## ***State and tribal registered storage tank lists***

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Petroleum Storage Tank Facilities

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

## ***State and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

VCP..... Voluntary Cleanup Program Properties

## ***State and tribal Brownfields sites***

BROWNFIELDS..... Considered 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

HAULERS..... Registered Waste Tire Haulers Listing

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

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

ODI..... Open Dump Inventory

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

### ***Local Lists of Hazardous waste / Contaminated Sites***

AOCONCERN..... San Gabriel Valley Areas of Concern

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

HIST Cal-Sites..... Historical Calsites Database

SCH..... School Property Evaluation Program

## EXECUTIVE SUMMARY

CDL..... Clandestine Drug Labs  
Toxic Pits..... Toxic Pits Cleanup Act Sites  
US CDL..... National Clandestine Laboratory Register

### **Local Land Records**

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

### **Records of Emergency Release Reports**

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

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
FINDS..... Facility Index System/Facility Registry System  
UXO..... Unexploded Ordnance Sites

## EXECUTIVE SUMMARY

DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN.....	Bond Expenditure Plan
Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EMI.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
HAZNET.....	Facility and Manifest Data
ICE.....	ICE
LOS ANGELES CO. HMS.....	HMS: Street Number List
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
LA Co. Site Mitigation.....	Site Mitigation List
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

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

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

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

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

# EXECUTIVE SUMMARY

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal RCRA generators list***

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

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2017 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>OUTPATIENT DIAGNOSTI</b>	<b>11570 INDIAN HILLS R</b>	<b>ESE 1/8 - 1/4 (0.213 mi.)</b>	<b>C7</b>	<b>13</b>

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 5 SWF/LF sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO CALTRAN Database: SWF/LF (SWIS), Date of Government Version: 08/14/2017 Facility ID: 19-AR-1229 Operational Status: Active Regulation Status: Notification	11930 BLUCHER AVENUE	NW 1/4 - 1/2 (0.354 mi.)	F18	30
<b>NORTH HILLS RECYCLIN</b> Database: LOS ANGELES CO. LF, Date of Government Version: 07/17/2017 Site ID: 2776 Status: Active	<b>11700 BLUCHER AVE</b>	<b>NW 1/4 - 1/2 (0.367 mi.)</b>	<b>F21</b>	<b>35</b>
NORTH HILLS RECYCLIN Database: SWF/LF (SWIS), Date of Government Version: 08/14/2017 Facility ID: 19-AR-1254 Operational Status: Active Regulation Status: Notification	11780 BLUCHER AVE.	NW 1/4 - 1/2 (0.413 mi.)	G24	38
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORTH HILLS RECYCLIN Database: SWF/LF (SWIS), Date of Government Version: 08/14/2017 Facility ID: 19-AR-1232 Operational Status: Active Regulation Status: Permitted	11700 BLUCHER AVENUE	WNW 1/4 - 1/2 (0.273 mi.)	16	29
ROLL-OFFS 4 LESS Database: LOS ANGELES CO. LF, Date of Government Version: 07/17/2017	14801 RINALDI ST.	WSW 1/4 - 1/2 (0.327 mi.)	E17	29

## EXECUTIVE SUMMARY

Site ID: 336  
Status: Active

### **State and tribal leaking storage tank lists**

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

A review of the LUST list, as provided by EDR, has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CALTRANS HIGHWAY MAI</b> Database: LUST, Date of Government Version: 09/11/2017 Status: Completed - Case Closed Global Id: T0603791230	<b>11930 N BLUCHER AVE</b>	<b>NW 1/4 - 1/2 (0.440 mi.)</b>	<b>G25</b>	<b>39</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TERRIBLE HERBST OIL</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 09/11/2017 Status: Open - Eligible for Closure Facility Id: 913450325 Status: Pollution Characterization Global Id: T0603702299 Global ID: T0603702299	<b>11501 SEPULVEDA BLVD</b>	<b>WSW 1/4 - 1/2 (0.266 mi.)</b>	<b>15</b>	<b>22</b>
CAREY WEHRLI Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: 913440061 Status: Case Closed Global ID: T0603702293	15540 RINALDI ST	WSW 1/4 - 1/2 (0.363 mi.)	E19	31
<b>SHELL SERVICE STATIO</b> Database: LUST, Date of Government Version: 09/11/2017 Status: Completed - Case Closed Global Id: T0603702293 Global Id: T0603794080	<b>15540 RINALDI STREET</b>	<b>WSW 1/4 - 1/2 (0.363 mi.)</b>	<b>E20</b>	<b>32</b>
LAUSD - NORTH VALLEY Database: LUST, Date of Government Version: 09/11/2017 Status: Completed - Case Closed Global Id: T0603712781	11450 N SHARP AVE	SE 1/4 - 1/2 (0.397 mi.)	23	37
TOSCO - 76 STATION # Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 09/11/2017 Status: Completed - Case Closed Facility Id: R-11040 Status: Leak being confirmed Global Id: T0603705005 Global ID: T0603705005	11550 LAUREL CANYON	ESE 1/4 - 1/2 (0.456 mi.)	H26	41

## EXECUTIVE SUMMARY

### ***State and tribal registered storage tank lists***

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

A review of the UST list, as provided by EDR, has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HOLY CROSS SURGERY C Database: UST, Date of Government Version: 09/11/2017 Facility Id: 24713	11550 INDIAN HILLS R	ESE 1/8 - 1/4 (0.216 mi.)	C8	17
PROVIDENCE HOLY CROS Database: UST, Date of Government Version: 09/11/2017 Facility Id: FA0008625	15031 W RINALDI ST	SE 1/8 - 1/4 (0.220 mi.)	D11	18
PROVIDENCE HOLY CROS Database: UST, Date of Government Version: 09/11/2017 Facility Id: FA0031355	11550 N INDIAN HILLS	ESE 1/8 - 1/4 (0.223 mi.)	C12	18
<b>HOLY CROSS MEDICAL C</b> Database: UST, Date of Government Version: 09/11/2017 Facility Id: 24856	<b>15031 RINALDI ST</b>	<b>SE 1/8 - 1/4 (0.229 mi.)</b>	<b>D14</b>	<b>20</b>

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 09/11/2017 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
GENESIS RECYCLING Cert Id: RC164548.001	801 RINALDI ST STE R	ESE 1/4 - 1/2 (0.390 mi.)	22	36

#### ***Local Lists of Registered Storage Tanks***

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 6 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EDEN MEMORIAL PARK A</b>	<b>11500 SEPULVEDA BLVD</b>	<b>W 0 - 1/8 (0.107 mi.)</b>	<b>A4</b>	<b>10</b>



## EXECUTIVE SUMMARY

Comp Number: 624

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>UNK</b> Comp Number: 7806	<b>15105 MISSION HILLS</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>1</b>	<b>8</b>
<b>EDEN MEMORIAL PARK A</b> Comp Number: 4503	<b>11521 MEMORY PARK AV</b>	<b>SSW 0 - 1/8 (0.019 mi.)</b>	<b>2</b>	<b>8</b>
<b>91844 - CHEVRON STAT</b> Comp Number: 3508	<b>15448 RINALDI ST</b>	<b>SW 1/8 - 1/4 (0.195 mi.)</b>	<b>B5</b>	<b>11</b>
<b>HOLY CROSS SURGERY C</b> Status: A Comp Number: 5316	<b>11550 INDIAN HILLS R</b>	<b>ESE 1/8 - 1/4 (0.216 mi.)</b>	<b>C9</b>	<b>17</b>
<b>HOLY CROSS MEDICAL C</b> Status: A Tank Status: A Comp Number: 345	<b>15031 RINALDI ST</b>	<b>SE 1/8 - 1/4 (0.229 mi.)</b>	<b>D14</b>	<b>20</b>

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 5 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAME AS ABOVE Facility Id: 00000005484	11500 SEPULVEDA BLVD	W 0 - 1/8 (0.107 mi.)	A3	9
<b>EDEN MEMORIAL PARK A</b>	<b>11500 SEPULVEDA BLVD</b>	<b>W 0 - 1/8 (0.107 mi.)</b>	<b>A4</b>	<b>10</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
91844 Facility Id: 00000062148	15448 RINALDI	SW 1/8 - 1/4 (0.195 mi.)	B6	12
HOLY CROSS HOSPITAL <b>HOLY CROSS MEDICAL C</b> Facility Id: 00000003966	15031 RINALDI STKEET <b>15031 RINALDI ST</b>	SE 1/8 - 1/4 (0.220 mi.) <b>SE 1/8 - 1/4 (0.229 mi.)</b>	D10 <b>D14</b>	18 <b>20</b>

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 6 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EDEN MEMORIAL PARK A</b> Facility Id: 19010237 Status: I	<b>11500 SEPULVEDA BLVD</b>	<b>W 0 - 1/8 (0.107 mi.)</b>	<b>A4</b>	<b>10</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>UNK</b>	<b>15105 MISSION HILLS</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>1</b>	<b>8</b>

## EXECUTIVE SUMMARY

Facility Id: 19012161

Status: I

<b>EDEN MEMORIAL PARK A</b> Facility Id: 19055816 Status: A	<b>11521 MEMORY PARK AV</b>	<b>SSW 0 - 1/8 (0.019 mi.)</b>	<b>2</b>	<b>8</b>
<b>91844 - CHEVRON STAT</b> Facility Id: 19010465 Status: I	<b>15448 RINALDI ST</b>	<b>SW 1/8 - 1/4 (0.195 mi.)</b>	<b>B5</b>	<b>11</b>
<b>HOLY CROSS SURGERY C</b> Facility Id: 19000405 Status: A	<b>11550 INDIAN HILLS R</b>	<b>ESE 1/8 - 1/4 (0.216 mi.)</b>	<b>C9</b>	<b>17</b>
<b>CITY OF HOPE MISSION</b> Facility Id: 19012792 Status: A	<b>15031 RINALDI ST</b>	<b>SE 1/8 - 1/4 (0.229 mi.)</b>	<b>D13</b>	<b>19</b>

### **Other Ascertainable Records**

HIST CORTESE: 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 [CALSTATES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TERRIBLE HERBST OIL</b> Reg Id: 913450325	<b>11501 SEPULVEDA BLVD</b>	<b>WSW 1/4 - 1/2 (0.266 mi.)</b>	<b>15</b>	<b>22</b>
<b>SHELL SERVICE STATIO</b> TOSCO S.S. #4713 Reg Id: R-11040	<b>15540 RINALDI STREET</b> 11550 LAUREL CNYN	<b>WSW 1/4 - 1/2 (0.363 mi.)</b> <b>ESE 1/4 - 1/2 (0.456 mi.)</b>	<b>E20</b> <b>H27</b>	<b>32</b> <b>46</b>

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 4 records.

<u>Site Name</u>	<u>Database(s)</u>
	CDL
	CDL
	CDL
	CDL



# OVERVIEW MAP - 5109258.2S



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

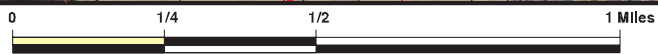
500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

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: Proposed Land Acquisition Mission Hills  
 ADDRESS: 15149, 15151 & Adjacent Parcel Mission Hills Road  
 Mission Hills CA 91345  
 LAT/LONG: 34.28208 / 118.463863

CLIENT: Ecobility Corporation  
 CONTACT: Michael Mooradian  
 INQUIRY #: 5109258.2s  
 DATE: November 15, 2017 6:57 pm



# DETAIL MAP - 5109258.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

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: Proposed Land Acquisition Mission Hills  
 ADDRESS: 15149, 15151 & Adjacent Parcel Mission Hills Road  
 Mission Hills CA 91345  
 LAT/LONG: 34.28208 / 118.463863

CLIENT: Ecobility Corporation  
 CONTACT: Michael Mooradian  
 INQUIRY #: 5109258.2s  
 DATE: November 15, 2017 6:59 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
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
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
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
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL RESPONSE</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i></b>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	5	NR	NR	5
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	6	NR	NR	6



## 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
SLIC	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	4	NR	NR	NR	4
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b><i>State and tribal Brownfields sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	1	NR	NR	1
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
SWEEPS UST	0.250		3	3	NR	NR	NR	6
HIST UST	0.250		2	3	NR	NR	NR	5
CA FID UST	0.250		3	3	NR	NR	NR	6
<b><i>Local Land Records</i></b>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0

## 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
<b>Records of Emergency Release Reports</b>								
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
<b>Other Ascertainable Records</b>								
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
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0



MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**1**            **UNK**  
**15105 MISSION HILLS RD**  
**GRANADA HILLS, CA 91367**  
 < 1/8  
 1 ft.

**SWEEPS UST**    **S101584513**  
**CA FID UST**     **N/A**

**Relative:**  
**Lower**

**Actual:**  
**1040 ft.**

SWEEPS UST:  
 Status:                    Not reported  
 Comp Number:            7806  
 Number:                    Not reported  
 Board Of Equalization:   Not reported  
 Referral Date:            Not reported  
 Action Date:              Not reported  
 Created Date:             Not reported  
 Owner Tank Id:            Not reported  
 SWRCB Tank Id:          Not reported  
 Tank Status:              Not reported  
 Capacity:                 Not reported  
 Active Date:              Not reported  
 Tank Use:                 Not reported  
 STG:                        Not reported  
 Content:                    Not reported  
 Number Of Tanks:        0

CA FID UST:  
 Facility ID:                19012161  
 Regulated By:            UTKNI  
 Regulated ID:            Not reported  
 Cortese Code:            Not reported  
 SIC Code:                 Not reported  
 Facility Phone:          8188371137  
 Mail To:                    Not reported  
 Mailing Address:        15105 MISSION HILLS RD  
 Mailing Address 2:      Not reported  
 Mailing City,St,Zip:    GRANADA HILLS 913670000  
 Contact:                  Not reported  
 Contact Phone:          Not reported  
 DUNs Number:            Not reported  
 NPDES Number:          Not reported  
 EPA ID:                    Not reported  
 Comments:                Not reported  
 Status:                     Inactive

**2**            **EDEN MEMORIAL PARK ASSOCIATION**  
**SSW**        **11521 MEMORY PARK AVE**  
 < 1/8        **MISSION HILLS, CA 91345**  
 0.019 mi.  
 102 ft.

**SWEEPS UST**    **S101587612**  
**CA FID UST**     **N/A**

**Relative:**  
**Lower**

**Actual:**  
**1034 ft.**

SWEEPS UST:  
 Status:                    Not reported  
 Comp Number:            4503  
 Number:                    Not reported  
 Board Of Equalization:   Not reported  
 Referral Date:            Not reported  
 Action Date:              Not reported  
 Created Date:             Not reported  
 Owner Tank Id:            Not reported  
 SWRCB Tank Id:          Not reported  
 Tank Status:              Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EDEN MEMORIAL PARK ASSOCIATION (Continued)**

**S101587612**

Capacity: Not reported  
Active Date: Not reported  
Tank Use: Not reported  
STG: Not reported  
Content: Not reported  
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 19055816  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2130000000  
Mail To: Not reported  
Mailing Address: 11521 MEMORY PARK AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: MISSION HILLS 913450000  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**A3**  
**West**  
**< 1/8**  
**0.107 mi.**  
**563 ft.**

**SAME AS ABOVE**  
**11500 SEPULVEDA BLVD**  
**MISSION HILLS, CA 91345**  
**Site 1 of 2 in cluster A**

**HIST UST** **U001567676**  
**N/A**

**Relative:**  
**Higher**

HIST UST:

File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000005484  
Facility Type: Other  
Other Type: CEMETERY  
Contact Name: DARRYL BOWDEN  
Telephone: 8183617161  
Owner Name: EDEN MEMORIAL PARK ASSN.  
Owner Address: 11500 SEPULVEDA BLVD.  
Owner City,St,Zip: MISSION HILLS, CA 91345  
Total Tanks: 0001

**Actual:**  
**1139 ft.**

Tank Num: 001  
Container Num: 001  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: None

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**A4**  
**West**  
**< 1/8**  
**0.107 mi.**  
**563 ft.**

**EDEN MEMORIAL PARK ASSN /C**  
**11500 SEPULVEDA BLVD**  
**MISSION HILLS, CA 91345**

**SWEEPS UST**  
**HIST UST**  
**CA FID UST**

**S101584289**  
**N/A**

**Site 2 of 2 in cluster A**

**Relative:**  
**Higher**

**SWEEPS UST:**  
 Status: Not reported  
 Comp Number: 624  
 Number: Not reported  
 Board Of Equalization: Not reported  
 Referral Date: Not reported  
 Action Date: Not reported  
 Created Date: Not reported  
 Owner Tank Id: Not reported  
 SWRCB Tank Id: 19-050-000624-000001  
 Tank Status: Not reported  
 Capacity: 1000  
 Active Date: Not reported  
 Tank Use: M.V. FUEL  
 STG: PRODUCT  
 Content: REG UNLEADED  
 Number Of Tanks: 1

**Actual:**  
**1139 ft.**

**HIST UST:**

File Number: 000263B5  
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000263B5.pdf>  
 Region: Not reported  
 Facility ID: Not reported  
 Facility Type: Not reported  
 Other Type: Not reported  
 Contact Name: Not reported  
 Telephone: Not reported  
 Owner Name: Not reported  
 Owner Address: Not reported  
 Owner City,St,Zip: Not reported  
 Total Tanks: Not reported

Tank Num: Not reported  
 Container Num: Not reported  
 Year Installed: Not reported  
 Tank Capacity: Not reported  
 Tank Used for: Not reported  
 Type of Fuel: Not reported  
 Container Construction Thickness: Not reported  
 Leak Detection: Not reported

Click here for Geo Tracker PDF:

**CA FID UST:**

Facility ID: 19010237  
 Regulated By: UTKI  
 Regulated ID: 00005484  
 Cortese Code: Not reported  
 SIC Code: Not reported  
 Facility Phone: 8183617161  
 Mail To: Not reported  
 Mailing Address: 11500 SEPULVEDA BLVD



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EDEN MEMORIAL PARK ASSN /C (Continued)**

**S101584289**

Mailing Address 2: Not reported  
Mailing City,St,Zip: MISSION HILLS 913450000  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**B5**  
**SW**  
**1/8-1/4**  
**0.195 mi.**  
**1027 ft.**

**91844 - CHEVRON STATION**  
**15448 RINALDI ST**  
**MISSION HILLS, CA 91340**  
**Site 1 of 2 in cluster B**

**SWEEPS UST** **S101584321**  
**CA FID UST** **N/A**

**Relative:**  
**Lower**

**SWEEPS UST:**  
Status: Not reported  
Comp Number: 3508  
Number: Not reported  
Board Of Equalization: 44-013053  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-003508-000001  
Tank Status: Not reported  
Capacity: 9000  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: 4

**Actual:**  
**1007 ft.**

Status: Not reported  
Comp Number: 3508  
Number: Not reported  
Board Of Equalization: 44-013053  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-003508-000002  
Tank Status: Not reported  
Capacity: 7000  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: 4

Status: Not reported  
Comp Number: 3508  
Number: Not reported  
Board Of Equalization: 44-013053  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**91844 - CHEVRON STATION (Continued)**

**S101584321**

Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-003508-000003  
Tank Status: Not reported  
Capacity: 4000  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: 4

Status: Not reported  
Comp Number: 3508  
Number: Not reported  
Board Of Equalization: 44-013053  
Referral Date: Not reported  
Action Date: Not reported  
Created Date: Not reported  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-003508-000004  
Tank Status: Not reported  
Capacity: 550  
Active Date: Not reported  
Tank Use: CHEMICAL  
STG: PRODUCT  
Content: UNKNOWN  
Number Of Tanks: 4

**CA FID UST:**

Facility ID: 19010465  
Regulated By: UTKNI  
Regulated ID: 00062148  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2130000000  
Mail To: Not reported  
Mailing Address: 575 MARKET ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: MISSION HILLS 913400000  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Inactive

**B6** 91844  
**SW** 15448 RINALDI  
**1/8-1/4** MISSION HILLS, CA 91340  
**0.195 mi.**  
**1027 ft.** Site 2 of 2 in cluster B

**HIST UST** U001567506  
N/A

**Relative:** HIST UST:  
**Lower** File Number: 00026C93  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026C93.pdf>  
**Actual:** Region: STATE  
**1007 ft.** Facility ID: 0000062148

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

91844 (Continued)

U001567506

Facility Type: Gas Station  
Other Type: Not reported  
Contact Name: HALLAK,FRAID  
Telephone: 0000000000  
Owner Name: CHEVRON U.S.A. INC.  
Owner Address: 575 MARKET  
Owner City,St,Zip: SAN FRANCISCO, CA 94105  
Total Tanks: 0004

Tank Num: 001  
Container Num: 1  
Year Installed: 1964  
Tank Capacity: 00009000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 0000250  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: 1964  
Tank Capacity: 00007000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 0000250  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: 1964  
Tank Capacity: 00004000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 0000170  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 4  
Year Installed: 1964  
Tank Capacity: 00000550  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 0000100  
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

C7  
ESE  
1/8-1/4  
0.213 mi.  
1122 ft.

OUTPATIENT DIAGNOSTIC CTR  
11570 INDIAN HILLS RD  
MISSION HILLS, CA 91345  
Site 1 of 4 in cluster C

RCRA-SQG 1000818479  
FINDS CAD983643529  
ECHO  
HAZNET

Relative:  
Lower

RCRA-SQG:  
Date form received by agency: 07/22/1992  
Facility name: OUTPATIENT DIAGNOSTIC CTR  
Facility address: 11570 INDIAN HILLS RD  
MISSION HILLS, CA 91345-1285

Actual:  
1030 ft.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OUTPATIENT DIAGNOSTIC CTR (Continued)**

**1000818479**

EPA ID: CAD983643529  
Mailing address: INDIAN HILLS RD  
MISSION HILLS, CA 91345-1285  
Contact: REYLINA C BENCHARIT  
Contact address: 11570 INDIAN HILLS RD  
MISSION HILLS, CA 91345-1285  
Contact country: US  
Contact telephone: 818-365-2030  
Contact email: Not reported  
EPA Region: 09  
Classification: Small Small Quantity Generator  
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

**Owner/Operator Summary:**

Owner/operator name: HOLY CROSS MED CTR  
Owner/operator address: 15031 RINALDI ST  
MISSION HILLS, CA 91345  
Owner/operator country: Not reported  
Owner/operator telephone: 818-365-8051  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

**Handler Activities Summary:**

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

Violation Status: No violations found

**FINDS:**

Registry ID: 110002881294

**Environmental Interest/Information System**

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART)  
provides California with information on hazardous waste shipments for

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OUTPATIENT DIAGNOSTIC CTR (Continued)**

**1000818479**

generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

**ECHO:**

Envid: 1000818479  
Registry ID: 110002881294  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002881294>

**HAZNET:**

envid: 1000818479  
Year: 1999  
GEPaid: CAD983643529  
Contact: PROVIDENCE HOLY CROSS MED CNTR  
Telephone: 8182382859  
Mailing Name: Not reported  
Mailing Address: 11570 INDIAN HILLS RD  
Mailing City,St,Zip: MISSION HILLS, CA 913451238  
Gen County: Not reported  
TSD EPA ID: CAD981402522  
TSD County: Not reported  
Waste Category: Metal sludge (Alkaline solution (pH >= 12.5) with metals)  
Disposal Method: Recycler  
Tons: .0725  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: 1000818479  
Year: 1998  
GEPaid: CAD983643529  
Contact: PROVIDENCE HOLY CROSS MED CNTR  
Telephone: 8182382859  
Mailing Name: Not reported  
Mailing Address: 11570 INDIAN HILLS RD  
Mailing City,St,Zip: MISSION HILLS, CA 913451238  
Gen County: Not reported  
TSD EPA ID: CAD981402522  
TSD County: Not reported  
Waste Category: Metal sludge (Alkaline solution (pH >= 12.5) with metals)  
Disposal Method: Recycler  
Tons: .1749  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**OUTPATIENT DIAGNOSTIC CTR (Continued)**

**1000818479**

envid: 1000818479  
Year: 1998  
GEPaid: CAD983643529  
Contact: PROVIDENCE HOLY CROSS MED CNTR  
Telephone: 8182382859  
Mailing Name: Not reported  
Mailing Address: 11570 INDIAN HILLS RD  
Mailing City,St,Zip: MISSION HILLS, CA 913451238  
Gen County: Not reported  
TSD EPA ID: UTD069803658  
TSD County: Not reported  
Waste Category: Metal sludge (Alkaline solution (pH >= 12.5) with metals)  
Disposal Method: Recycler  
Tons: .0650  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: 1000818479  
Year: 1997  
GEPaid: CAD983643529  
Contact: PROVIDENCE HOLY CROSS MED CNTR  
Telephone: 8182382859  
Mailing Name: Not reported  
Mailing Address: 11570 INDIAN HILLS RD  
Mailing City,St,Zip: MISSION HILLS, CA 913451238  
Gen County: Not reported  
TSD EPA ID: CAD981402522  
TSD County: Not reported  
Waste Category: Other inorganic solid waste  
Disposal Method: Not reported  
Tons: .0040  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: 1000818479  
Year: 1997  
GEPaid: CAD983643529  
Contact: PROVIDENCE HOLY CROSS MED CNTR  
Telephone: 8182382859  
Mailing Name: Not reported  
Mailing Address: 11570 INDIAN HILLS RD  
Mailing City,St,Zip: MISSION HILLS, CA 913451238  
Gen County: Not reported  
TSD EPA ID: CAD981402522  
TSD County: Not reported  
Waste Category: Metal sludge (Alkaline solution (pH >= 12.5) with metals)  
Disposal Method: Not reported  
Tons: .0585  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

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



MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

<b>C8</b>	<b>HOLY CROSS SURGERY CENTER/C</b>	<b>UST</b>	<b>U003879558</b>
<b>ESE</b>	<b>11550 INDIAN HILLS RD</b>		<b>N/A</b>
<b>1/8-1/4</b>	<b>MISSION HILLS, CA 91345</b>		
<b>0.216 mi.</b>			
<b>1140 ft.</b>	<b>Site 2 of 4 in cluster C</b>		

<b>Relative:</b>	<b>UST:</b>		
<b>Lower</b>	Facility ID:	24713	
	Permitting Agency:	LOS ANGELES, CITY OF	
<b>Actual:</b>	Latitude:	34.2815687	
<b>1024 ft.</b>	Longitude:	-118.4573243	

<b>C9</b>	<b>HOLY CROSS SURGERY CENTER /C</b>	<b>SWEEPS UST</b>	<b>S101582602</b>
<b>ESE</b>	<b>11550 INDIAN HILLS RD</b>		<b>N/A</b>
<b>1/8-1/4</b>	<b>MISSION HILLS, CA 91345</b>		
<b>0.216 mi.</b>			
<b>1140 ft.</b>	<b>Site 3 of 4 in cluster C</b>		

<b>Relative:</b>	<b>SWEEPS UST:</b>		
<b>Lower</b>	Status:	Active	
	Comp Number:	5316	
<b>Actual:</b>	Number:	1	
<b>1024 ft.</b>	Board Of Equalization:	Not reported	
	Referral Date:	02-25-93	
	Action Date:	02-25-93	
	Created Date:	02-29-88	
	Owner Tank Id:	Not reported	
	SWRCB Tank Id:	Not reported	
	Tank Status:	Not reported	
	Capacity:	Not reported	
	Active Date:	Not reported	
	Tank Use:	Not reported	
	STG:	Not reported	
	Content:	Not reported	
	Number Of Tanks:	Not reported	

<b>CA FID UST:</b>	
Facility ID:	19000405
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	11550 INDIAN HILLS RD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	MISSION HILLS 913450000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

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<b>D10</b> <b>SE</b> 1/8-1/4 0.220 mi. 1164 ft.	<b>HOLY CROSS HOSPITAL</b> <b>15031 RINALDI STKEET</b> <b>MISSION HILLS, CA 91345</b>  <b>Site 1 of 4 in cluster D</b>	<b>HIST UST</b>	<b>S118411179</b> <b>N/A</b>
---	--	-----------------	---------------------------------

<b>Relative:</b> <b>Lower</b>	HIST UST: File Number: 00026E4A URL: <a href="http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026E4A.pdf">http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026E4A.pdf</a> Region: Not reported Facility ID: Not reported Facility Type: Not reported Other Type: Not reported Contact Name: Not reported Telephone: Not reported Owner Name: Not reported Owner Address: Not reported Owner City,St,Zip: Not reported Total Tanks: Not reported  Tank Num: Not reported Container Num: Not reported Year Installed: Not reported Tank Capacity: Not reported Tank Used for: Not reported Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: Not reported
<b>Actual:</b> <b>1020 ft.</b>	

Click here for Geo Tracker PDF:

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<b>D11</b> <b>SE</b> 1/8-1/4 0.220 mi. 1164 ft.	<b>PROVIDENCE HOLY CROSS MEDICAL CENTE</b> <b>15031 W RINALDI ST</b> <b>MISSION HILLS, CA 91345</b>  <b>Site 2 of 4 in cluster D</b>	<b>UST</b>	<b>U004264039</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	UST: Facility ID: FA0008625 Permitting Agency: Los Angeles City Fire Department Latitude: 34.2803 Longitude: -118.4599
<b>Actual:</b> <b>1020 ft.</b>	

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<b>C12</b> <b>ESE</b> 1/8-1/4 0.223 mi. 1176 ft.	<b>PROVIDENCE HOLY CROSS SURGERY CENT</b> <b>11550 N INDIAN HILLS RD</b> <b>MISSION HILLS, CA 91345</b>  <b>Site 4 of 4 in cluster C</b>	<b>UST</b>	<b>U004264372</b> <b>N/A</b>
--	--	------------	---------------------------------

<b>Relative:</b> <b>Lower</b>	UST: Facility ID: FA0031355 Permitting Agency: Los Angeles City Fire Department Latitude: 34.28021 Longitude: -118.45783
<b>Actual:</b> <b>1025 ft.</b>	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

D13  
SE  
1/8-1/4  
0.229 mi.  
1207 ft.

CITY OF HOPE MISSION HILLS  
15031 RINALDI ST  
MISSION HILLS, CA 91345

CA FID UST S101618505  
HAZNET N/A

Site 3 of 4 in cluster D

Relative:  
Lower

CA FID UST:  
Facility ID: 19012792  
Regulated By: UTNKA  
Regulated ID: 00003966  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 8183658051  
Mail To: Not reported  
Mailing Address: 15031 RINALDI ST  
Mailing Address 2: Not reported  
Mailing City,St,Zip: MISSION HILLS 913450000  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

Actual:  
1019 ft.

HAZNET:

envid: S101618505  
Year: 2016  
GEPaid: CAL000410953  
Contact: CHUCK PICKERING  
Telephone: 6262564673  
Mailing Name: Not reported  
Mailing Address: 1500 DUARTE RD  
Mailing City,St,Zip: DUARTE, CA 910103012  
Gen County: Los Angeles  
TSD EPA ID: CAD059494310  
TSD County: Santa Clara  
Waste Category: Pharmaceutical waste  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.1  
Cat Decode: Pharmaceutical waste  
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Facility County: Los Angeles

envid: S101618505  
Year: 2015  
GEPaid: CAL000410953  
Contact: CHUCK PICKERING  
Telephone: 6262564673  
Mailing Name: Not reported  
Mailing Address: 1500 DUARTE RD  
Mailing City,St,Zip: DUARTE, CA 910103012  
Gen County: Los Angeles  
TSD EPA ID: CAD059494310  
TSD County: Santa Clara  
Waste Category: Pharmaceutical waste  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY OF HOPE MISSION HILLS (Continued)**

**S101618505**

(H010-H129) Or (H131-H135)  
Tons: 0.025  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

**D14**  
**SE**  
**1/8-1/4**  
**0.229 mi.**  
**1207 ft.**

**HOLY CROSS MEDICAL CENTER**  
**15031 RINALDI ST**  
**MISSION HILLS, CA 91345**

**UST**  
**SWEEPS UST**  
**HIST UST**

**U001567672**  
**N/A**

**Site 4 of 4 in cluster D**

**Relative:**  
**Lower**

UST:  
Facility ID: 24856  
Permitting Agency: LOS ANGELES, CITY OF  
Latitude: 34.281503  
Longitude: -118.458986

**Actual:**  
**1019 ft.**

**SWEEPS UST:**

Status: Active  
Comp Number: 345  
Number: 9  
Board Of Equalization: 44-011118  
Referral Date: 01-15-93  
Action Date: 03-15-94  
Created Date: 02-29-88  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-000345-000001  
Tank Status: A  
Capacity: 10000  
Active Date: 04-20-88  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: 3

Status: Active  
Comp Number: 345  
Number: 9  
Board Of Equalization: 44-011118  
Referral Date: 01-15-93  
Action Date: 03-15-94  
Created Date: 02-29-88  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-000345-000002  
Tank Status: A  
Capacity: 10000  
Active Date: 04-20-88  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 345  
Number: 9  
Board Of Equalization: 44-011118

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HOLY CROSS MEDICAL CENTER (Continued)**

**U001567672**

Referral Date: 01-15-93  
Action Date: 03-15-94  
Created Date: 02-29-88  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-050-000345-000003  
Tank Status: A  
Capacity: 10000  
Active Date: 04-20-88  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

**HIST UST:**

File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000003966  
Facility Type: Other  
Other Type: HOSPITAL  
Contact Name: Not reported  
Telephone: 8183658051  
Owner Name: HOLY CROSS HOSPITAL  
Owner Address: 15031 RINALDI STREET  
Owner City,St,Zip: MISSION HILLS, CA 91345  
Total Tanks: 0003

Tank Num: 001  
Container Num: 1  
Year Installed: 1961  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: 1974  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: 1981  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

15  
WSW  
1/4-1/2  
0.266 mi.  
1407 ft.

**TERRIBLE HERBST OIL COMPANY**  
11501 SEPULVEDA BLVD N  
MISSION HILLS, CA 91345

LUST S104160047  
HIST CORTESE N/A

**Relative:**  
**Lower**

LUST:

Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603702299](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702299)  
Global Id: T0603702299  
Latitude: 34.2790189  
Longitude: -118.4689514  
Status: Open - Eligible for Closure  
Status Date: 02/17/2016  
Case Worker: MT  
RB Case Number: 913450325  
Local Agency: LOS ANGELES, CITY OF  
File Location: Regional Board  
Local Case Number: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

**Actual:**  
**1016 ft.**

LUST:

Global Id: T0603702299  
Contact Type: Local Agency Caseworker  
Contact Name: ELOY LUNA  
Organization Name: LOS ANGELES, CITY OF  
Address: 200 North Main Street, Suite 1780  
City: LOS ANGELES  
Email: [eloy.luna@lacity.org](mailto:eloy.luna@lacity.org)  
Phone Number: Not reported

Global Id: T0603702299  
Contact Type: Regional Board Caseworker  
Contact Name: MARYAM TAIDY  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: LOS ANGELES  
Email: [mtaidy@waterboards.ca.gov](mailto:mtaidy@waterboards.ca.gov)  
Phone Number: 2135766741

LUST:

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 10/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 10/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: Other  
Date: 07/25/1995  
Action: Leak Discovery



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TERRIBLE HERBST OIL COMPANY (Continued)**

**S104160047**

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 01/15/2012  
Action: Monitoring Report - Semi-Annually

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 10/15/2009  
Action: Monitoring Report - Semi-Annually

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 07/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 04/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 01/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 04/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 07/31/2002  
Action: Other Report / Document

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 01/15/2002  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 04/15/2002  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TERRIBLE HERBST OIL COMPANY (Continued)**

**S104160047**

Date: 07/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 01/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 10/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 10/15/2002  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 07/15/2002  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 11/27/2002  
Action: Other Report / Document

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 01/15/2011  
Action: Monitoring Report - Semi-Annually

Global Id: T0603702299  
Action Type: ENFORCEMENT  
Date: 06/15/2009  
Action: Staff Letter

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 01/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: ENFORCEMENT  
Date: 12/04/1996  
Action: Staff Letter

Global Id: T0603702299  
Action Type: ENFORCEMENT  
Date: 11/06/2002  
Action: Staff Letter

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: Monitoring Report - Semi-Annually

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TERRIBLE HERBST OIL COMPANY (Continued)**

**S104160047**

Global Id:	T0603702299
Action Type:	ENFORCEMENT
Date:	02/17/2016
Action:	State Water Board Closure Order
Global Id:	T0603702299
Action Type:	ENFORCEMENT
Date:	09/15/2015
Action:	Notification - Public Participation Document
Global Id:	T0603702299
Action Type:	RESPONSE
Date:	01/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0603702299
Action Type:	RESPONSE
Date:	04/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0603702299
Action Type:	RESPONSE
Date:	09/30/2003
Action:	Interim Remedial Action Plan
Global Id:	T0603702299
Action Type:	RESPONSE
Date:	09/30/2003
Action:	Soil and Water Investigation Report
Global Id:	T0603702299
Action Type:	RESPONSE
Date:	01/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0603702299
Action Type:	RESPONSE
Date:	07/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0603702299
Action Type:	ENFORCEMENT
Date:	06/14/2002
Action:	Staff Letter
Global Id:	T0603702299
Action Type:	RESPONSE
Date:	07/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603702299
Action Type:	RESPONSE
Date:	07/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0603702299
Action Type:	RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TERRIBLE HERBST OIL COMPANY (Continued)**

**S104160047**

Date: 01/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 04/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: ENFORCEMENT  
Date: 08/27/2002  
Action: \* No Action

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 10/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 01/15/2012  
Action: Monitoring Report - Semi-Annually

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 08/24/2015  
Action: Tank Removal Report / UST Sampling Report

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 01/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 07/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: Other  
Date: 11/27/1995  
Action: Leak Reported

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Monitoring Report - Semi-Annually

Global Id: T0603702299  
Action Type: ENFORCEMENT  
Date: 03/21/2003  
Action: Staff Letter

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 10/15/2005  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TERRIBLE HERBST OIL COMPANY (Continued)**

**S104160047**

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 07/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 10/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603702299  
Action Type: RESPONSE  
Date: 01/15/2007  
Action: Monitoring Report - Quarterly

**LUST:**

Global Id: T0603702299  
Status: Open - Case Begin Date  
Status Date: 07/25/1995

Global Id: T0603702299  
Status: Open - Eligible for Closure  
Status Date: 02/17/2016

Global Id: T0603702299  
Status: Open - Site Assessment  
Status Date: 11/27/1995

Global Id: T0603702299  
Status: Open - Site Assessment  
Status Date: 12/04/1996

Global Id: T0603702299  
Status: Open - Site Assessment  
Status Date: 03/21/2003

Global Id: T0603702299  
Status: Open - Verification Monitoring  
Status Date: 11/27/1995

**LUST REG 4:**

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: 913450325  
Status: Pollution Characterization  
Substance: Gasoline  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TERRIBLE HERBST OIL COMPANY (Continued)**

**S104160047**

Abatement Method Used at the Site: Not reported  
Global ID: T0603702299  
W Global ID: Not reported  
Staff: CEC  
Local Agency: 19050  
Cross Street: RINALDI ST  
Enforcement Type: SEL  
Date Leak Discovered: 7/25/1995  
Date Leak First Reported: 11/27/1995  
Date Leak Record Entered: 12/8/1995  
Date Confirmation Began: 11/27/1995  
Date Leak Stopped: Not reported  
Date Case Last Changed on Database: 8/27/2002  
Date the Case was Closed: Not reported  
How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: UNK  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 6439.7983542974530147656463001  
Source of Cleanup Funding: UNK  
Preliminary Site Assessment Workplan Submitted: 12/4/1996  
Preliminary Site Assessment Began: 12/4/1996  
Pollution Characterization Began: 3/21/2003  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: 11/27/1995  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: 7/5/1999  
Hist Max MTBE Conc in Groundwater: 20000  
Hist Max MTBE Conc in Soil: Not reported  
Significant Interim Remedial Action Taken: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: MR. BOB LASCZIK  
RP Address: 833 NEVADA HIGHWAY, STE. 4  
Program: LUST  
Lat/Long: 34.2790189 / -1  
Local Agency Staff: PEJ  
Beneficial Use: Not reported  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Suspended: Not reported  
Assigned Name: Not reported  
Summary: 8/99 2ND QTR GW MON RPT 1999; 9/28/99 3RD QTR GW MON RPT 1999; 1/31/00 4TH QTR GW MON RPT 1999; 5/8/00 1ST QTR GW MON RPT 2000; 7/11/00 2ND QTR GW MON RPT 2000

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: 913450325



MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Elevation	Site	Database(s)	

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<b>16</b> <b>WNW</b> <b>1/4-1/2</b> <b>0.273 mi.</b> <b>1441 ft.</b>	<b>NORTH HILLS RECYCLING, INC.</b> <b>11700 BLUCHER AVENUE</b> <b>GRANADA HILLS (IN LOS ANGELES), CA</b>	<b>SWF/LF</b>	<b>S108407544</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	SWF/LF (SWIS): Region: STATE Facility ID: 19-AR-1232 Lat/Long: 34.29073 / -118.4699 Owner Name: Henry and Louse Arkin TRS Owner Telephone: 8182193606 Owner Address: Arkin, Henry and Louse Owner Address2: 1100 Sepulveda Blvd. Owner City,St,Zip: Mission Hills, CA 91345 Operational Status: Active Operator: North Hills Recycling, Inc. Operator Phone: 8188317980 Operator Address: Ramiro Ornelas Operator Address2: P.O.Box 66 Operator City,St,Zip: San Fernando, CA 91340 Permit Date: 06/11/2012 Permit Status: Permitted Permitted Acreage: \$4.40 Activity: Chipping and Grinding Activity Fac./ Op. Regulation Status: Permitted Landuse Name: Industrial,Commercial GIS Source: Map Category: Composting Unit Number: 01 Inspection Frequency: Monthly Accepted Waste: Green Materials Closure Date: Not reported Closure Type: Not reported Disposal Acreage: Not reported SWIS Num: 19-AR-1232 Waste Discharge Requirement Num: Not reported Program Type: Not reported Permitted Throughput with Units: 499 Actual Throughput with Units: Tons/day Permitted Capacity with Units: 168662 Remaining Capacity: Not reported Remaining Capacity with Units: Tons/year Lat/Long: 34.29073 / -118.4699		
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<b>E17</b> <b>WSW</b> <b>1/4-1/2</b> <b>0.327 mi.</b> <b>1728 ft.</b>	<b>ROLL-OFFS 4 LESS</b> <b>14801 RINALDI ST.</b> <b>GRANADA HILLS, CA 91344</b>  <b>Site 1 of 3 in cluster E</b>	<b>SWF/LF</b>	<b>S111076066</b> <b>N/A</b>
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<b>Relative:</b> <b>Lower</b>	LOS ANGELES CO. LF: Site ID: 336 Alt. Address: Not reported Site Contact: Not reported Site Contact Phone: (818) 292-5880 Site Email: Not reported Site Website: Not reported Site Type: Waste Hauler Site SWIS Number: 19-AS-0506		
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**Actual:**  
**1010 ft.**

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ROLL-OFFS 4 LESS (Continued)**

**S111076066**

Beginning Operation Date: Not reported  
 Ending Operation Date: Not reported  
 Local Enforcement Agency: Not reported  
 Maximun Depth Fill(Ft): Not reported  
 Permitted Capacity: Not reported  
 Present Use: Not reported  
 Remaining Capacity(Million): Not reported  
 Status: Active  
 Waste Accepted: Not reported  
 Hours of Operation: Not reported  
 Disposal Area (Acre): Not reported

Detail As Of 01/2014:

Operator Name: Roll Offs 4 Less  
 Operator Address: 16401 Gothic Place  
 Operator City/State/Zip: Granada Hills, CA 91344-2825  
 Operator Contact: Charles Stephanian  
 Operator Telephone: (818) 368-6966  
 Operator Email: no email address  
 Owner Name: Unknown  
 Owner Address: Not reported  
 Owner City/State/Zip: Not reported  
 Owner Contact: Not reported  
 Owner Telephone: Not reported  
 Owner Email: Not reported

**F18  
 NW  
 1/4-1/2  
 0.354 mi.  
 1869 ft.**

**SAN FERNANDO CALTRANS - LVTOP.  
 11930 BLUCHER AVENUE  
 GRANADA HILLS (IN LOS ANGELES), CA**

**SWF/LF S107030101  
 N/A**

**Site 1 of 2 in cluster F**

**Relative:  
 Higher**

SWF/LF (SWIS):

**Actual:  
 1159 ft.**

Region: STATE  
 Facility ID: 19-AR-1229  
 Lat/Long: 34.28837 / -118.4686  
 Owner Name: California Dept. of Transportation  
 Owner Telephone: 2138971913  
 Owner Address: Not reported  
 Owner Address2: 100 S. Main Street  
 Owner City,St,Zip: Los Angeles, CA 90012  
 Operational Status: Active  
 Operator: California Dept. of Transportation  
 Operator Phone: 8183604195  
 Operator Address: Wallie Jordan,.Regional Manager  
 Operator Address2: 11930 Blucher Avenue  
 Operator City,St,Zip: Granada Hills, CA 91344  
 Permit Date: 04/27/2005  
 Permit Status: Notification  
 Permitted Acreage: \$2.10  
 Activity: Limited Volume Transfer Operation  
 Regulation Status: Notification  
 Landuse Name: Not reported  
 GIS Source: Map  
 Category: Transfer/Processing  
 Unit Number: 01  
 Inspection Frequency: Quarterly  
 Accepted Waste: Green Materials,Inert,Mixed municipal

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SAN FERNANDO CALTRANS - LVTOP. (Continued)**

**S107030101**

Closure Date: Not reported  
 Closure Type: Not reported  
 Disposal Acreage: Not reported  
 SWIS Num: 19-AR-1229  
 Waste Discharge Requirement Num: Not reported  
 Program Type: Not reported  
 Permitted Throughput with Units: 60  
 Actual Throughput with Units: Cu Yards/day  
 Permitted Capacity with Units: 15000  
 Remaining Capacity: Not reported  
 Remaining Capacity with Units: Cu Yards/year  
 Lat/Long: 34.28837 / -118.4686

**E19**  
**WSW**  
**1/4-1/2**  
**0.363 mi.**  
**1916 ft.**

**CAREY WEHRLI**  
**15540 RINALDI ST**  
**GRANADA HILLS, CA 91344**

**LUST S103065870**  
**N/A**

**Site 2 of 3 in cluster E**

**Relative:**  
**Lower**

LUST REG 4:

Region: 4  
 Regional Board: 04  
 County: Los Angeles  
 Facility Id: 913440061  
 Status: Case Closed  
 Substance: Gasoline  
 Substance Quantity: Not reported  
 Local Case No: Not reported  
 Case Type: Soil  
 Abatement Method Used at the Site: Not reported  
 Global ID: T0603702293  
 W Global ID: Not reported  
 Staff: UNK  
 Local Agency: 19050  
 Cross Street: BLUCHER AVE  
 Enforcement Type: Not reported  
 Date Leak Discovered: 3/9/1992  
 Date Leak First Reported: 1/24/1994  
 Date Leak Record Entered: 5/30/1995  
 Date Confirmation Began: Not reported  
 Date Leak Stopped: Not reported  
 Date Case Last Changed on Database: 1/22/1996  
 Date the Case was Closed: 1/22/1996  
 How Leak Discovered: OM  
 How Leak Stopped: Not reported  
 Cause of Leak: UNK  
 Leak Source: UNK  
 Operator: KAMAL HAMADANI  
 Water System: Not reported  
 Well Name: Not reported  
 Approx. Dist To Production Well (ft): 6747.5936000421778303757481577  
 Source of Cleanup Funding: UNK  
 Preliminary Site Assessment Workplan Submitted: Not reported  
 Preliminary Site Assessment Began: 1/25/1994  
 Pollution Characterization Began: Not reported  
 Remediation Plan Submitted: Not reported  
 Remedial Action Underway: Not reported  
 Post Remedial Action Monitoring Began: Not reported

**Actual:**  
**1000 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CAREY WEHRLI (Continued)**

**S103065870**

Enforcement Action Date: Not reported  
Historical Max MTBE Date: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported  
Hist Max MTBE Conc in Soil: Not reported  
Significant Interim Remedial Action Taken: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: SHELL  
RP Address: 5850 CANOGA AVE STE 300 WOODLAND HILLS CA 91367  
Program: LUST  
Lat/Long: 34.2789989 / -1  
Local Agency Staff: PEJ  
Beneficial Use: Not reported  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Suspended: Not reported  
Assigned Name: Not reported  
Summary: Not reported

**E20**  
**WSW**  
**1/4-1/2**  
**0.363 mi.**  
**1916 ft.**

**SHELL SERVICE STATION**  
**15540 RINALDI STREET**  
**SUN VALLEY, CA 91344**  
**Site 3 of 3 in cluster E**

**LUST** **S105126324**  
**HIST CORTESE** **N/A**

**Relative:**  
**Lower**

LUST:

Lead Agency: LOS ANGELES, CITY OF  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603702293](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702293)  
Global Id: T0603702293  
Latitude: 34.278777  
Longitude: -118.470763  
Status: Completed - Case Closed  
Status Date: 01/22/1996  
Case Worker: ML  
RB Case Number: 913440061  
Local Agency: LOS ANGELES, CITY OF  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

LUST:

Global Id: T0603702293  
Contact Type: Local Agency Caseworker  
Contact Name: MARCUS LOOK  
Organization Name: LOS ANGELES, CITY OF  
Address: 200 N. MAIN ST. RM. 970  
City: LOS ANGELES  
Email: Not reported  
Phone Number: Not reported  
  
Global Id: T0603702293  
Contact Type: Regional Board Caseworker  
Contact Name: YUE RONG

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**S105126324**

Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: Los Angeles  
Email: yrong@waterboards.ca.gov  
Phone Number: Not reported

LUST:

Global Id: T0603702293  
Action Type: Other  
Date: 03/09/1992  
Action: Leak Discovery

Global Id: T0603702293  
Action Type: Other  
Date: 01/24/1994  
Action: Leak Reported

LUST:

Global Id: T0603702293  
Status: Completed - Case Closed  
Status Date: 01/22/1996

Global Id: T0603702293  
Status: Open - Case Begin Date  
Status Date: 03/09/1992

Global Id: T0603702293  
Status: Open - Site Assessment  
Status Date: 01/25/1994

Lead Agency: LOS ANGELES, CITY OF  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603794080](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603794080)  
Global Id: T0603794080  
Latitude: 39.583393  
Longitude: -119.779747  
Status: Completed - Case Closed  
Status Date: 06/13/2013  
Case Worker: EL  
RB Case Number: Not reported  
Local Agency: LOS ANGELES, CITY OF  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

LUST:

Global Id: T0603794080  
Contact Type: Local Agency Caseworker  
Contact Name: ELOY LUNA  
Organization Name: LOS ANGELES, CITY OF  
Address: 200 North Main Street, Suite 1780  
City: LOS ANGELES  
Email: eloy.luna@lacity.org  
Phone Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**S105126324**

Global Id: T0603794080  
Contact Type: Regional Board Caseworker  
Contact Name: YUE RONG  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: Los Angeles  
Email: yrong@waterboards.ca.gov  
Phone Number: Not reported

**LUST:**

Global Id: T0603794080  
Action Type: ENFORCEMENT  
Date: 12/04/2012  
Action: Staff Letter

Global Id: T0603794080  
Action Type: Other  
Date: 09/18/2000  
Action: Leak Discovery

Global Id: T0603794080  
Action Type: ENFORCEMENT  
Date: 06/11/2013  
Action: Closure/No Further Action Letter

Global Id: T0603794080  
Action Type: Other  
Date: 09/21/2001  
Action: Leak Reported

**LUST:**

Global Id: T0603794080  
Status: Completed - Case Closed  
Status Date: 06/13/2013

Global Id: T0603794080  
Status: Open - Case Begin Date  
Status Date: 09/18/2000

Global Id: T0603794080  
Status: Open - Eligible for Closure  
Status Date: 06/03/2013

Global Id: T0603794080  
Status: Open - Site Assessment  
Status Date: 09/21/2001

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: Not reported  
Reg By: Not reported  
Reg Id: Not reported



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**F21**      **NORTH HILLS RECYCLING INC.**  
**NW**        **11700 BLUCHER AVE**  
**1/4-1/2**    **GRANADA HILLS, CA 91344**  
**0.367 mi.**  
**1936 ft.**    **Site 2 of 2 in cluster F**

**SWF/LF**    **S113119359**  
**HAZNET**    **N/A**

**Relative:**  
**Higher**

LOS ANGELES CO. LF:

Site ID: 2776  
 Alt. Address: N/A  
 Site Contact: Not reported  
 Site Contact Phone: (818) 669-8526  
 Site Email: everrecycling@gmail.com  
 Site Website: N/A  
 Site Type: Chipping and Grinding  
 Site SWIS Number: 19-AR-1232  
 Beginning Operation Date: N/A  
 Ending Operation Date: N/A  
 Local Enforcement Agency: City of Los Angeles Dept of Building and Safety  
 Maximun Depth Fill(Ft): N/A  
 Permitted Capacity: 1000  
 Present Use: Chipping and Grinding Activity Fac./ Op.  
 Remaining Capacity(Million): N/A  
 Status: Active  
 Waste Accepted: Green Materials;  
 Hours of Operation: Monday - Friday 6 am -6 pm  
 Disposal Area (Acre): N/A

**Actual:**  
**1199 ft.**

Detail As Of 01/2014:

Operator Name: Evergreen Recycling, Inc.  
 Operator Address: 11100 SEPULVIDA BLVD. SUITE 220  
 Operator City/State/Zip: MISSION HILL, CA 91345  
 Operator Contact: Caesar Medrano  
 Operator Telephone: (818) 665-0526  
 Operator Email: Not reported  
 Owner Name: Unknown  
 Owner Address: Not reported  
 Owner City/State/Zip: Not reported  
 Owner Contact: Not reported  
 Owner Telephone: Not reported  
 Owner Email: Not reported

HAZNET:

envid: S113119359  
 Year: 2005  
 GEPAID: CAL000251937  
 Contact: JULIO MARTINEZ  
 Telephone: 8188317980  
 Mailing Name: Not reported  
 Mailing Address: 11700 BLUCHER AVE  
 Mailing City, St, Zip: GRANADA HILLS, CA 91344  
 Gen County: Not reported  
 TSD EPA ID: CAD099452708  
 TSD County: Not reported  
 Waste Category: Waste oil and mixed oil  
 Disposal Method: Recycler  
 Tons: 5  
 Cat Decode: Not reported  
 Method Decode: Not reported  
 Facility County: Los Angeles

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH HILLS RECYCLING INC. (Continued)**

**S113119359**

envid: S113119359  
Year: 2003  
GEPaid: CAL000251937  
Contact: JULIO MARTINEZ  
Telephone: 8188317980  
Mailing Name: Not reported  
Mailing Address: 11700 BLUCHER AVE  
Mailing City,St,Zip: GRANADA HILLS, CA 91344  
Gen County: Not reported  
TSD EPA ID: CAD099452708  
TSD County: Not reported  
Waste Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Tons: 3.62  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

**22**  
**ESE**  
**1/4-1/2**  
**0.390 mi.**  
**2059 ft.**

**GENESIS RECYCLING**  
**801 RINALDI ST STE R**  
**SAN FERNANDO, CA 91345**

**SWRCY S112161960**  
**N/A**

**Relative:**  
**Lower**

SWRCY:  
Reg Id: 164548  
Cert Id: RC164548.001  
Mailing Address: 40002 Chalfont Ct  
Mailing City: Palmdale  
Mailing State: CA  
Mailing Zip Code: 93551  
Website: Not reported  
Email: Not reported  
Phone Number: (818) 482-9307  
Grand Father: N  
Rural: N  
Operation Begin Date: 07/01/2012  
Aluminium: Y  
Glass: Y  
Plastic: Y  
Bimetal: Y  
Agency: N/A  
Monday Hours Of Operation: 9:00 am - 5:00 pm  
Tuesday Hours Of Operation: 9:00 am - 5:00 pm  
Wednesday Hours Of Operation: 9:00 am - 5:00 pm  
Thursday Hours Of Operation: 9:00 am - 5:00 pm  
Friday Hours Of Operation: 9:00 am - 5:00 pm  
Saturday Hours Of Operation: 9:00 am - 5:00 pm  
Sunday Hours Of Operation: 9:00 am - 5:00 pm  
Organization ID: 18740  
Organization Name: Genesis Recycling

**Actual:**  
**1027 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

23  
SE  
1/4-1/2  
0.397 mi.  
2094 ft.

LAUSD - NORTH VALLEY OCCUPATIONAL CNTR  
11450 N SHARP AVE  
MISSION HILLS, CA 91345

LUST S109117661  
N/A

Relative:  
Lower

LUST:

Lead Agency: LOS ANGELES, CITY OF  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603712781](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603712781)  
Global Id: T0603712781  
Latitude: 34.27789  
Longitude: -118.457238  
Status: Completed - Case Closed  
Status Date: 05/09/2013  
Case Worker: EL  
RB Case Number: Not reported  
Local Agency: LOS ANGELES, CITY OF  
File Location: Not reported  
Local Case Number: XS0000629  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

Actual:  
1015 ft.

LUST:

Global Id: T0603712781  
Contact Type: Local Agency Caseworker  
Contact Name: ELOY LUNA  
Organization Name: LOS ANGELES, CITY OF  
Address: 200 North Main Street, Suite 1780  
City: LOS ANGELES  
Email: [eloy.luna@lacity.org](mailto:eloy.luna@lacity.org)  
Phone Number: Not reported  
  
Global Id: T0603712781  
Contact Type: Regional Board Caseworker  
Contact Name: YUE RONG  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: Los Angeles  
Email: [yrong@waterboards.ca.gov](mailto:yrong@waterboards.ca.gov)  
Phone Number: Not reported

LUST:

Global Id: T0603712781  
Action Type: Other  
Date: 04/10/1990  
Action: Leak Discovery  
  
Global Id: T0603712781  
Action Type: RESPONSE  
Date: 04/15/1991  
Action: Final Remedial Action Report / Corrective Action Report  
  
Global Id: T0603712781  
Action Type: Other  
Date: 12/15/1990  
Action: Leak Reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**LAUSD - NORTH VALLEY OCCUPATIONAL CNTR (Continued)**

**S109117661**

Global Id: T0603712781  
 Action Type: ENFORCEMENT  
 Date: 01/16/1991  
 Action: Staff Letter

**LUST:**

Global Id: T0603712781  
 Status: Completed - Case Closed  
 Status Date: 05/09/2013

Global Id: T0603712781  
 Status: Open - Case Begin Date  
 Status Date: 04/10/1990

Global Id: T0603712781  
 Status: Open - Site Assessment  
 Status Date: 01/16/1991

**G24  
 NW  
 1/4-1/2  
 0.413 mi.  
 2182 ft.**

**NORTH HILLS RECYCLING INC., C&D  
 11780 BLUCHER AVE.  
 GRANADA HILLS (IN LOS ANGELES), CA**

**SWF/LF S113880124  
 N/A**

**Site 1 of 2 in cluster G**

**Relative:  
 Higher**

SWF/LF (SWIS):

**Actual:  
 1159 ft.**

Region: STATE  
 Facility ID: 19-AR-1254  
 Lat/Long: 34.28807 / -118.46929  
 Owner Name: Hank Arklin  
 Owner Telephone: Not reported  
 Owner Address: Not reported  
 Owner Address2: 26000 Springbrook Ave.  
 Owner City,St,Zip: Saugus, CA 91350  
 Operational Status: Active  
 Operator: North Hills Recycling  
 Operator Phone: 8186648526  
 Operator Address: Cesar Medrano  
 Operator Address2: 15171 Kadota Street  
 Operator City,St,Zip: Sylmar, CA 91342  
 Permit Date: 06/24/2013  
 Permit Status: Notification  
 Permitted Acreage: \$1.00  
 Activity: Small Vol CDI Debris Proc. Operation  
 Regulation Status: Notification  
 Landuse Name: Not reported  
 GIS Source: Map  
 Category: Transfer/Processing  
 Unit Number: 01  
 Inspection Frequency: Quarterly  
 Accepted Waste: Construction/demolition,Inert  
 Closure Date: Not reported  
 Closure Type: Not reported  
 Disposal Acreage: Not reported  
 SWIS Num: 19-AR-1254  
 Waste Discharge Requirement Num: Not reported  
 Program Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTH HILLS RECYCLING INC., C&D (Continued)**

**S113880124**

Permitted Throughput with Units: 25  
Actual Throughput with Units: Tons/day  
Permitted Capacity with Units: 7500  
Remaining Capacity: Not reported  
Remaining Capacity with Units: Tons/year  
Lat/Long: 34.28807 / -118.46929

**G25  
NW  
1/4-1/2  
0.440 mi.  
2322 ft.**

**CALTRANS HIGHWAY MAINTENANCE STATION  
11930 N BLUCHER AVE  
LOS ANGELES, CA 91344**

**LUST S109117573  
AST N/A**

**Site 2 of 2 in cluster G**

**Relative:  
Higher**

LUST:

Lead Agency: SWRCB  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603791230](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603791230)  
Global Id: T0603791230  
Latitude: 34.2888633810887  
Longitude: -118.469057015869  
Status: Completed - Case Closed  
Status Date: 02/19/2015  
Case Worker: MC  
RB Case Number: Not reported  
Local Agency: LOS ANGELES, CITY OF  
File Location: Not reported  
Local Case Number: TTXS0001732  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

**Actual:  
1160 ft.**

LUST:

Global Id: T0603791230  
Contact Type: Local Agency Caseworker  
Contact Name: ELOY LUNA  
Organization Name: LOS ANGELES, CITY OF  
Address: 200 North Main Street, Suite 1780  
City: LOS ANGELES  
Email: [eloy.luna@lacity.org](mailto:eloy.luna@lacity.org)  
Phone Number: Not reported

Global Id: T0603791230  
Contact Type: Regional Board Caseworker  
Contact Name: MATTHEW COHEN  
Organization Name: SWRCB  
Address: 1001 I Street  
City: SACRAMENTO  
Email: [mcohen@waterboards.ca.gov](mailto:mcohen@waterboards.ca.gov)  
Phone Number: 9163415751

Global Id: T0603791230  
Contact Type: Regional Board Caseworker  
Contact Name: YUE RONG  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: Los Angeles  
Email: [yrong@waterboards.ca.gov](mailto:yrong@waterboards.ca.gov)  
Phone Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALTRANS HIGHWAY MAINTENANCE STATION (Continued)**

**S109117573**

LUST:

Global Id: T0603791230  
Action Type: ENFORCEMENT  
Date: 02/19/2015  
Action: Closure/No Further Action Letter

Global Id: T0603791230  
Action Type: ENFORCEMENT  
Date: 04/24/2014  
Action: Notification - Public Notice of Case Closure

Global Id: T0603791230  
Action Type: Other  
Date: 02/22/1999  
Action: Leak Discovery

Global Id: T0603791230  
Action Type: ENFORCEMENT  
Date: 08/07/2014  
Action: State Water Board Closure Order

Global Id: T0603791230  
Action Type: RESPONSE  
Date: 07/19/1999  
Action: Request for Closure

Global Id: T0603791230  
Action Type: Other  
Date: 07/19/1999  
Action: Leak Reported

LUST:

Global Id: T0603791230  
Status: Completed - Case Closed  
Status Date: 02/19/2015

Global Id: T0603791230  
Status: Open - Case Begin Date  
Status Date: 02/22/1999

Global Id: T0603791230  
Status: Open - Eligible for Closure  
Status Date: 01/03/2014

Global Id: T0603791230  
Status: Open - Eligible for Closure  
Status Date: 08/08/2014

Global Id: T0603791230  
Status: Open - Site Assessment  
Status Date: 12/05/2000

AST:

Certified Unified Program Agencies: Not reported  
Owner: California Department of Transportation/Caltrans Maintenance



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CALTRANS HIGHWAY MAINTENANCE STATION (Continued)**

**S109117573**

Total Gallons: Not reported  
CERSID: 10001299  
Facility ID: LACt  
Business Name: Caltrans District 7  
Phone: (818) 366-6411  
Fax: (818) 360-3847  
Mailing Address: 11930 Blucher Ave  
Mailing Address City: Granada Hills  
Mailing Address State: CA  
Mailing Address Zip Code: 91344  
Operator Name: California Department of Transportation/Caltrans-San Fernando Maintenance  
Operator Phone: (818) 366-6411  
Owner Phone: (213) 620-3328  
Owner Mail Address: 100 S. Main Street,M.S.3  
Owner State: CA  
Owner Zip Code: 90012  
Owner Country: United States  
Property Owner Name: Not reported  
Property Owner Phone: Not reported  
Property Owner Mailing Address: Not reported  
Property Owner City: Not reported  
Property Owner Stat : Not reported  
Property Owner Zip Code: Not reported  
Property Owner Country: Not reported  
EPAID: CAD982469983

**H26** **TOSCO - 76 STATION #4713**  
**ESE** **11550 LAUREL CANYON BL**  
**1/4-1/2** **SAN FERNANDO, CA 91340**  
**0.456 mi.**  
**2407 ft.**

**LUST** **S103282015**  
**N/A**

**Site 1 of 2 in cluster H**

**Relative:**  
**Lower**

**LUST:**

**Actual:**  
**1030 ft.**

Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603705005](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705005)  
Global Id: T0603705005  
Latitude: 34.2798348  
Longitude: -118.4545449  
Status: Completed - Case Closed  
Status Date: 11/01/2010  
Case Worker: MT  
RB Case Number: 913402043  
Local Agency: LOS ANGELES, CITY OF  
File Location: Regional Board  
Local Case Number: 25647  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

**LUST:**

Global Id: T0603705005  
Contact Type: Regional Board Caseworker  
Contact Name: MARYAM TAIDY  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: LOS ANGELES  
Email: mtaidy@waterboards.ca.gov

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOSCO - 76 STATION #4713 (Continued)**

**S103282015**

Phone Number: 2135766741

LUST:

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 01/13/2007  
Action: Well Installation Report

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 04/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 10/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 01/19/2010  
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 01/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 01/16/2007  
Action: Other Report / Document

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 11/01/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 04/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 09/15/2010  
Action: Request for Closure

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 10/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603705005  
Action Type: Other  
Date: 09/23/1997  
Action: Leak Discovery

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOSCO - 76 STATION #4713 (Continued)**

**S103282015**

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 08/10/2009  
Action: Soil and Water Investigation Report

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Monitoring Report - Semi-Annually

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 04/28/2010  
Action: Well Installation Report

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603705005  
Action Type: ENFORCEMENT  
Date: 05/06/2009  
Action: Staff Letter

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 01/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603705005  
Action Type: ENFORCEMENT  
Date: 06/15/2009  
Action: Staff Letter

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 10/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603705005  
Action Type: ENFORCEMENT  
Date: 11/01/2010  
Action: Closure/No Further Action Letter

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 07/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 07/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603705005  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOSCO - 76 STATION #4713 (Continued)**

**S103282015**

Date: 01/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603705005  
Action Type: REMEDIATION  
Date: 08/06/1998  
Action: Excavation

Global Id: T0603705005  
Action Type: ENFORCEMENT  
Date: 11/16/2006  
Action: Staff Letter

Global Id: T0603705005  
Action Type: ENFORCEMENT  
Date: 10/27/2010  
Action: Notification - Preclosure

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 01/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603705005  
Action Type: Other  
Date: 09/23/1997  
Action: Leak Reported

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 07/07/2008  
Action: Other Workplan

Global Id: T0603705005  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Monitoring Report - Quarterly

**LUST:**

Global Id: T0603705005  
Status: Completed - Case Closed  
Status Date: 11/01/2010

Global Id: T0603705005  
Status: Open - Case Begin Date  
Status Date: 09/23/1997

Global Id: T0603705005  
Status: Open - Site Assessment  
Status Date: 09/23/1997

Global Id: T0603705005  
Status: Open - Site Assessment  
Status Date: 05/06/2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOSCO - 76 STATION #4713 (Continued)**

**S103282015**

LUST REG 4:  
Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: R-11040  
Status: Leak being confirmed  
Substance: Gasoline  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Soil  
Abatement Method Used at the Site: Not reported  
Global ID: T0603705005  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: RINALDI ST  
Enforcement Type: Not reported  
Date Leak Discovered: 9/23/1997  
Date Leak First Reported: 9/23/1997  
Date Leak Record Entered: 3/5/1998  
Date Confirmation Began: 9/23/1997  
Date Leak Stopped: Not reported  
Date Case Last Changed on Database: 2/11/1998  
Date the Case was Closed: Not reported  
How Leak Discovered: OM  
How Leak Stopped: Not reported  
Cause of Leak: Not reported  
Leak Source: Not reported  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 5189.6641846641098286138152079  
Source of Cleanup Funding: Not reported  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported  
Hist Max MTBE Conc in Soil: 14  
Significant Interim Remedial Action Taken: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: =  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: TOSCO MARKETING CO  
RP Address: P.O. BOX 25376, SANTA ANA, CA 92799  
Program: LUST  
Lat/Long: 34.2798348 / -1  
Local Agency Staff: Not reported  
Beneficial Use: Not reported  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Suspended: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TOSCO - 76 STATION #4713 (Continued)**

**S103282015**

Assigned Name: Not reported  
Summary: Not reported

**H27**  
**ESE**  
**1/4-1/2**  
**0.456 mi.**  
**2407 ft.**

**TOSCO S.S. #4713**  
**11550 LAUREL CNYN**  
**SAN FERNANDO, CA 91340**

**HIST CORTESE** **S105026144**  
**N/A**

**Site 2 of 2 in cluster H**

**Relative:**  
**Lower**

**HIST CORTESE:**  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: R-11040

**Actual:**  
**1030 ft.**



Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES COUNTY	S107531547		240TH ST & AVE J EAST		CDL
LOS ANGELES COUNTY	S107537787		BARSTOW & SANTA FE		CDL
LOS ANGELES COUNTY	S107539628		OAKMAN DR/BETW BUNBURY & GUINE		CDL
LOS ANGELES COUNTY	S107541010		VEH STOP: AZUSA & AROMA AVE		CDL

# 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: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/08/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 11/03/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 01/15/2018
	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: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 11/03/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***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: 05/30/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: N/A
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 11/03/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 01/15/2018
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 10/06/2017
Number of Days to Update: 92	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 07/11/2017	Source: EPA
Date Data Arrived at EDR: 07/21/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 11/03/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/29/2018
	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: 07/11/2017	Source: EPA
Date Data Arrived at EDR: 07/28/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 11/03/2017
Number of Days to Update: 70	Next Scheduled EDR Contact: 01/29/2018
	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: 09/13/2017	Source: EPA
Date Data Arrived at EDR: 09/26/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	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: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

### ***Federal institutional controls / engineering controls registries***

#### LUCIS: Land Use Control Information System

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

Date of Government Version: 05/22/2017	Source: Department of the Navy
Date Data Arrived at EDR: 06/13/2017	Telephone: 843-820-7326
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 11/08/2017
Number of Days to Update: 94	Next Scheduled EDR Contact: 02/26/2018
	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: 08/10/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2017	Telephone: 703-603-0695
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/11/2017
	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: 08/10/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2017	Telephone: 703-603-0695
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 08/30/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 12/11/2017
	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: 09/18/2017

Date Data Arrived at EDR: 09/21/2017

Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/21/2017

Next Scheduled EDR Contact: 01/08/2018

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: 07/31/2017

Date Data Arrived at EDR: 08/01/2017

Date Made Active in Reports: 08/15/2017

Number of Days to Update: 14

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/31/2017

Next Scheduled EDR Contact: 02/12/2018

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: 07/31/2017

Date Data Arrived at EDR: 08/01/2017

Date Made Active in Reports: 08/15/2017

Number of Days to Update: 14

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/31/2017

Next Scheduled EDR Contact: 02/12/2018

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: 08/14/2017

Date Data Arrived at EDR: 08/17/2017

Date Made Active in Reports: 09/21/2017

Number of Days to Update: 35

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 02/26/2018

Data Release Frequency: Quarterly

## ***State and tribal leaking storage tank lists***



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST REG 1: Active Toxic Site Investigation

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

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

## LUST REG 8: Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

## LUST REG 9: Leaking Underground Storage Tank Report

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

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

## LUST: 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: 09/11/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2017	Telephone: see region list
Date Made Active in Reports: 11/09/2017	Last EDR Contact: 09/12/2017
Number of Days to Update: 58	Next Scheduled EDR Contact: 12/25/2017
	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	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

## LUST REG 4: Underground Storage Tank Leak List

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

Date of Government Version: 09/07/2004	Source: California Regional Water Quality Control Board Los Angeles Region (4)
Date Data Arrived at EDR: 09/07/2004	Telephone: 213-576-6710
Date Made Active in Reports: 10/12/2004	Last EDR Contact: 09/06/2011
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/19/2011
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST REG 5: Leaking Underground Storage Tank Database

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

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	Data Release Frequency: No Update Planned

## LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

## LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

## LUST REG 2: Fuel Leak List

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

Date of Government Version: 09/30/2004	Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Date Data Arrived at EDR: 10/20/2004	Telephone: 510-622-2433
Date Made Active in Reports: 11/19/2004	Last EDR Contact: 09/19/2011
Number of Days to Update: 30	Next Scheduled EDR Contact: 01/02/2012
	Data Release Frequency: Quarterly

## LUST REG 7: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

## INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/26/2017	Telephone: 206-553-2857
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 11/07/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Quarterly

## 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: 04/13/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 78

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
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: 04/14/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 71

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
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: 04/24/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 71

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

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

Date of Government Version: 10/14/2016  
Date Data Arrived at EDR: 01/27/2017  
Date Made Active in Reports: 05/05/2017  
Number of Days to Update: 98

Source: EPA Region 4  
Telephone: 404-562-8677  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Semi-Annually

**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: 04/14/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 71

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
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: 04/26/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 78

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
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: 05/01/2017  
Date Data Arrived at EDR: 07/27/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 78

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/11/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2017	Telephone: 866-480-1028
Date Made Active in Reports: 11/09/2017	Last EDR Contact: 09/12/2017
Number of Days to Update: 58	Next Scheduled EDR Contact: 12/25/2017
	Data Release Frequency: Varies

## SLIC REG 1: Active Toxic Site Investigations

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

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

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

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

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

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

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

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

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

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

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

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

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

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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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

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

## SLIC REG 6L: SLIC Sites

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

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

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

## SLIC REG 7: SLIC List

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

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

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

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

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

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

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

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

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

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

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

## ***State and tribal registered storage tank lists***

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

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

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 10/13/2017  
Next Scheduled EDR Contact: 01/22/2018  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/11/2017	Source: SWRCB
Date Data Arrived at EDR: 09/12/2017	Telephone: 916-341-5851
Date Made Active in Reports: 11/08/2017	Last EDR Contact: 09/12/2017
Number of Days to Update: 57	Next Scheduled EDR Contact: 12/25/2017
	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	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 09/25/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

## INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/01/2016	Source: EPA Region 6
Date Data Arrived at EDR: 01/26/2017	Telephone: 214-665-7591
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 99	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Semi-Annually

## 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: 05/02/2017	Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017	Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/05/2018
	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: 04/25/2017	Source: EPA Region 10
Date Data Arrived at EDR: 07/27/2017	Telephone: 206-553-2857
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Semi-Annually



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 04/14/2017	Source: EPA, Region 1
Date Data Arrived at EDR: 07/27/2017	Telephone: 617-918-1313
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/01/2017	Source: EPA Region 8
Date Data Arrived at EDR: 07/27/2017	Telephone: 303-312-6137
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/13/2017	Source: EPA Region 9
Date Data Arrived at EDR: 07/27/2017	Telephone: 415-972-3368
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/05/2018
	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: 04/26/2017	Source: EPA Region 5
Date Data Arrived at EDR: 07/27/2017	Telephone: 312-886-6136
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

## **State and tribal voluntary cleanup sites**

### VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 07/31/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/01/2017	Telephone: 916-323-3400
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 10/31/2017
Number of Days to Update: 14	Next Scheduled EDR Contact: 02/12/2018
	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	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 09/25/2017
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 09/21/2017

Date Data Arrived at EDR: 09/21/2017

Date Made Active in Reports: 11/09/2017

Number of Days to Update: 49

Source: State Water Resources Control Board

Telephone: 916-323-7905

Last EDR Contact: 09/21/2017

Next Scheduled EDR Contact: 01/08/2018

Data Release Frequency: Quarterly

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### **Local Brownfield lists**

#### US BROWNFIELDS: A Listing of Brownfields Sites

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

Date of Government Version: 06/19/2017

Date Data Arrived at EDR: 06/20/2017

Date Made Active in Reports: 09/15/2017

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 202-566-2777

Last EDR Contact: 09/20/2017

Next Scheduled EDR Contact: 01/01/2018

Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### WMUDS/SWAT: Waste Management Unit Database

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

Date of Government Version: 04/01/2000

Date Data Arrived at EDR: 04/10/2000

Date Made Active in Reports: 05/10/2000

Number of Days to Update: 30

Source: State Water Resources Control Board

Telephone: 916-227-4448

Last EDR Contact: 11/06/2017

Next Scheduled EDR Contact: 02/19/2018

Data Release Frequency: No Update Planned

#### SWRCY: Recycler Database

A listing of recycling facilities in California.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/11/2017  
Date Data Arrived at EDR: 09/12/2017  
Date Made Active in Reports: 09/21/2017  
Number of Days to Update: 9

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 09/12/2017  
Next Scheduled EDR Contact: 12/25/2017  
Data Release Frequency: Quarterly

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

Date of Government Version: 05/30/2017  
Date Data Arrived at EDR: 05/31/2017  
Date Made Active in Reports: 08/15/2017  
Number of Days to Update: 76

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 11/09/2017  
Next Scheduled EDR Contact: 02/26/2018  
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: 10/30/2017  
Next Scheduled EDR Contact: 02/12/2018  
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: 10/20/2017  
Next Scheduled EDR Contact: 02/05/2018  
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

**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: 11/03/2017  
Next Scheduled EDR Contact: 02/12/2018  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/13/2017  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 30

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/30/2017  
Next Scheduled EDR Contact: 12/11/2017  
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: 07/31/2017  
Date Data Arrived at EDR: 08/01/2017  
Date Made Active in Reports: 08/15/2017  
Number of Days to Update: 14

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 10/31/2017  
Next Scheduled EDR Contact: 02/12/2018  
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: 06/30/2017  
Date Data Arrived at EDR: 08/18/2017  
Date Made Active in Reports: 09/21/2017  
Number of Days to Update: 34

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 10/10/2017  
Next Scheduled EDR Contact: 01/22/2018  
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

## 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: 07/13/2017  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 30

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 08/30/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **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: 06/02/2017	Source: Department of Public Health
Date Data Arrived at EDR: 06/06/2017	Telephone: 707-463-4466
Date Made Active in Reports: 08/25/2017	Last EDR Contact: 11/07/2017
Number of Days to Update: 80	Next Scheduled EDR Contact: 12/11/2017
	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

### **CA FID UST: Facility Inventory Database**

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

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **Local Land Records**

### **LIENS: Environmental Liens Listing**

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

Date of Government Version: 08/31/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 09/05/2017	Telephone: 916-323-3400
Date Made Active in Reports: 11/08/2017	Last EDR Contact: 08/31/2017
Number of Days to Update: 64	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Varies

### **LIENS 2: CERCLA Lien Information**

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

Date of Government Version: 07/11/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2017	Telephone: 202-564-6023
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 11/03/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Semi-Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## DEED: Deed Restriction Listing

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

Date of Government Version: 09/05/2017	Source: DTSC and SWRCB
Date Data Arrived at EDR: 09/06/2017	Telephone: 916-323-3400
Date Made Active in Reports: 11/08/2017	Last EDR Contact: 09/06/2017
Number of Days to Update: 63	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/21/2017	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/21/2017	Telephone: 202-366-4555
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 09/21/2017
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/08/2018
	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: 05/09/2017	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/26/2017	Telephone: 916-845-8400
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 57	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

### 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: 09/11/2017	Source: State Water Quality Control Board
Date Data Arrived at EDR: 09/12/2017	Telephone: 866-480-1028
Date Made Active in Reports: 11/09/2017	Last EDR Contact: 09/12/2017
Number of Days to Update: 58	Next Scheduled EDR Contact: 12/25/2017
	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: 09/11/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2017	Telephone: 866-480-1028
Date Made Active in Reports: 11/09/2017	Last EDR Contact: 09/12/2017
Number of Days to Update: 58	Next Scheduled EDR Contact: 12/25/2017
	Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS 90: SPILLS90 data from FirstSearch

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

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

## Other Ascertainable Records

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

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

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 08/25/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/13/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/11/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/22/2018
	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: 08/18/2017  
Next Scheduled EDR Contact: 11/27/2017  
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: 05/10/2017  
Date Data Arrived at EDR: 05/17/2017  
Date Made Active in Reports: 09/15/2017  
Number of Days to Update: 121

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 11/01/2017  
Next Scheduled EDR Contact: 01/08/2018  
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: 11/06/2017  
Next Scheduled EDR Contact: 02/19/2018  
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: 04/22/2013  
Date Data Arrived at EDR: 03/03/2015  
Date Made Active in Reports: 03/09/2015  
Number of Days to Update: 6

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 11/09/2017  
Next Scheduled EDR Contact: 02/19/2018  
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: 12/31/2012  
Date Data Arrived at EDR: 01/15/2015  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 14

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 09/22/2017  
Next Scheduled EDR Contact: 01/01/2018  
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: 12/31/2014  
Date Data Arrived at EDR: 11/24/2015  
Date Made Active in Reports: 04/05/2016  
Number of Days to Update: 133

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 08/23/2017  
Next Scheduled EDR Contact: 12/04/2017  
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: 10/27/2017  
Next Scheduled EDR Contact: 02/05/2018  
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: 09/27/2017  
Date Data Arrived at EDR: 10/12/2017  
Date Made Active in Reports: 10/20/2017  
Number of Days to Update: 8

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 11/03/2017  
Next Scheduled EDR Contact: 12/18/2017  
Data Release Frequency: Annually

## RMP: Risk Management Plans

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

Date of Government Version: 02/01/2017  
Date Data Arrived at EDR: 02/09/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 57

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 10/23/2017  
Next Scheduled EDR Contact: 02/05/2018  
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: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/03/2017
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/19/2018
	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: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/13/2017
Number of Days to Update: 126	Next Scheduled EDR Contact: 01/22/2018
	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: 10/11/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/22/2018
	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: 10/16/2017
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/20/2017
	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: 10/03/2017
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/18/2017
	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: 09/08/2017
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/18/2017
	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: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/26/2017
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/05/2018
	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: 10/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2017	Telephone: 202-343-9775
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/05/2017
Number of Days to Update: 8	Next Scheduled EDR Contact: 01/15/2018
	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: 10/31/2017  
Next Scheduled EDR Contact: 02/12/2018  
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: 06/30/2017  
Date Data Arrived at EDR: 08/03/2017  
Date Made Active in Reports: 10/20/2017  
Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 09/25/2017  
Next Scheduled EDR Contact: 01/08/2018  
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: 09/21/2017  
Next Scheduled EDR Contact: 12/04/2017  
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: 10/11/2017  
Next Scheduled EDR Contact: 01/22/2018  
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: 12/23/2016  
Date Data Arrived at EDR: 12/27/2016  
Date Made Active in Reports: 02/17/2017  
Number of Days to Update: 52

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 11/02/2017  
Next Scheduled EDR Contact: 02/19/2018  
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: 10/10/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/30/2017  
Date Data Arrived at EDR: 06/09/2017  
Date Made Active in Reports: 09/15/2017  
Number of Days to Update: 98

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 11/03/2017  
Next Scheduled EDR Contact: 01/15/2018  
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: 07/31/2017  
Date Data Arrived at EDR: 08/30/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 08/30/2017  
Next Scheduled EDR Contact: 12/11/2017  
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: 09/01/2017  
Next Scheduled EDR Contact: 12/11/2017  
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: 09/01/2017  
Next Scheduled EDR Contact: 12/11/2017  
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: 09/25/2017  
Date Data Arrived at EDR: 09/26/2017  
Date Made Active in Reports: 10/20/2017  
Number of Days to Update: 24

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 09/25/2017  
Next Scheduled EDR Contact: 12/25/2017  
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: 07/23/2017  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 09/15/2017  
Number of Days to Update: 9

Source: EPA  
Telephone: (415) 947-8000  
Last EDR Contact: 09/06/2017  
Next Scheduled EDR Contact: 12/18/2017  
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: 02/13/2017  
Date Data Arrived at EDR: 02/15/2017  
Date Made Active in Reports: 11/03/2017  
Number of Days to Update: 261

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 09/21/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: Varies

## ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 09/02/2017  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 10/20/2017  
Number of Days to Update: 44

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 09/06/2017  
Next Scheduled EDR Contact: 12/18/2017  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2016	Source: Department of Defense
Date Data Arrived at EDR: 06/02/2017	Telephone: 703-704-1564
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/16/2017
Number of Days to Update: 133	Next Scheduled EDR Contact: 01/29/2018
	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: 08/17/2017	Source: EPA
Date Data Arrived at EDR: 08/17/2017	Telephone: 800-385-6164
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 08/17/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/04/2017
	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: 09/21/2017	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 09/21/2017	Telephone: 916-323-3400
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 09/21/2017
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/01/2018
	Data Release Frequency: Quarterly

## 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: 08/02/2017	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/08/2017	Telephone: 916-327-4498
Date Made Active in Reports: 10/16/2017	Last EDR Contact: 08/08/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/18/2017
	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: 12/31/2015	Source: California Air Resources Board
Date Data Arrived at EDR: 03/21/2017	Telephone: 916-322-2990
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 09/22/2017
Number of Days to Update: 147	Next Scheduled EDR Contact: 01/01/2018
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 08/18/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/22/2017	Telephone: 916-445-9379
Date Made Active in Reports: 10/24/2017	Last EDR Contact: 11/01/2017
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 07/21/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/25/2017	Telephone: 916-255-3628
Date Made Active in Reports: 10/17/2017	Last EDR Contact: 10/23/2017
Number of Days to Update: 84	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

## Financial Assurance 2: Financial Assurance Information Listing

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

Date of Government Version: 08/15/2017	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 08/22/2017	Telephone: 916-341-6066
Date Made Active in Reports: 10/25/2017	Last EDR Contact: 11/09/2017
Number of Days to Update: 64	Next Scheduled EDR Contact: 02/26/2018
	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: 12/31/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2017	Telephone: 916-255-1136
Date Made Active in Reports: 10/17/2017	Last EDR Contact: 10/10/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Annually

## ICE: ICE

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

Date of Government Version: 08/21/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/22/2017	Telephone: 877-786-9427
Date Made Active in Reports: 10/25/2017	Last EDR Contact: 08/22/2017
Number of Days to Update: 64	Next Scheduled EDR Contact: 12/04/2017
	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	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 08/21/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/22/2017	Telephone: 916-323-3400
Date Made Active in Reports: 10/25/2017	Last EDR Contact: 08/22/2017
Number of Days to Update: 64	Next Scheduled EDR Contact: 12/04/2017
	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: 10/10/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/10/2017	Telephone: 916-440-7145
Date Made Active in Reports: 10/17/2017	Last EDR Contact: 10/10/2017
Number of Days to Update: 7	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Quarterly

## MINES: Mines Site Location Listing

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

Date of Government Version: 09/11/2017	Source: Department of Conservation
Date Data Arrived at EDR: 09/12/2017	Telephone: 916-322-1080
Date Made Active in Reports: 11/01/2017	Last EDR Contact: 09/12/2017
Number of Days to Update: 50	Next Scheduled EDR Contact: 12/25/2017
	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: 09/01/2017	Source: Department of Public Health
Date Data Arrived at EDR: 09/06/2017	Telephone: 916-558-1784
Date Made Active in Reports: 11/08/2017	Last EDR Contact: 09/06/2017
Number of Days to Update: 63	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/14/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/17/2017	Telephone: 916-445-9379
Date Made Active in Reports: 10/17/2017	Last EDR Contact: 11/14/2017
Number of Days to Update: 61	Next Scheduled EDR Contact: 02/26/2018
	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: 09/05/2017	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 09/06/2017	Telephone: 916-445-4038
Date Made Active in Reports: 11/08/2017	Last EDR Contact: 09/06/2017
Number of Days to Update: 63	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/11/2017  
Date Data Arrived at EDR: 09/12/2017  
Date Made Active in Reports: 10/18/2017  
Number of Days to Update: 36

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 09/12/2017  
Next Scheduled EDR Contact: 12/25/2017  
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: 06/16/2017  
Date Data Arrived at EDR: 06/20/2017  
Date Made Active in Reports: 10/17/2017  
Number of Days to Update: 119

Source: State Water Resources Control Board  
Telephone: 916-445-3846  
Last EDR Contact: 09/18/2017  
Next Scheduled EDR Contact: 01/01/2018  
Data Release Frequency: No Update Planned

## UIC: UIC Listing

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

Date of Government Version: 01/20/2017  
Date Data Arrived at EDR: 03/14/2017  
Date Made Active in Reports: 05/03/2017  
Number of Days to Update: 50

Source: Department of Conservation  
Telephone: 916-445-2408  
Last EDR Contact: 09/12/2017  
Next Scheduled EDR Contact: 12/25/2017  
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 board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015  
Date Data Arrived at EDR: 04/17/2015  
Date Made Active in Reports: 06/23/2015  
Number of Days to Update: 67

Source: RWQCB, Central Valley Region  
Telephone: 559-445-5577  
Last EDR Contact: 10/13/2017  
Next Scheduled EDR Contact: 01/22/2018  
Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007  
Date Data Arrived at EDR: 06/20/2007  
Date Made Active in Reports: 06/29/2007  
Number of Days to Update: 9

Source: State Water Resources Control Board  
Telephone: 916-341-5227  
Last EDR Contact: 11/14/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Quarterly

## 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: 09/25/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

#### EDR Hist Auto: EDR Exclusive Historic Auto Stations

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

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

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

#### EDR Hist Cleaner: EDR Exclusive Historic 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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:

#### 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: 09/22/2017  
Date Data Arrived at EDR: 09/22/2017  
Date Made Active in Reports: 10/10/2017  
Number of Days to Update: 18

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 09/21/2017  
Next Scheduled EDR Contact: 01/22/2018  
Data Release Frequency: Semi-Annually

#### Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/11/2017  
Date Data Arrived at EDR: 10/12/2017  
Date Made Active in Reports: 11/08/2017  
Number of Days to Update: 27

Source: Alameda County Environmental Health Services  
Telephone: 510-567-6700  
Last EDR Contact: 10/10/2017  
Next Scheduled EDR Contact: 04/24/2047  
Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

#### CUPA Facility List

Cupa Facility List

Date of Government Version: 09/13/2017  
Date Data Arrived at EDR: 09/15/2017  
Date Made Active in Reports: 11/14/2017  
Number of Days to Update: 60

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 08/31/2017  
Next Scheduled EDR Contact: 12/18/2017  
Data Release Frequency: Varies

### BUTTE COUNTY:

#### CUPA Facility Listing

Cupa facility list.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/18/2017  
Next Scheduled EDR Contact: 10/23/2017  
Data Release Frequency: No Update Planned

## CALVERAS COUNTY:

CUPA Facility Listing  
Cupa Facility Listing

Date of Government Version: 08/31/2017  
Date Data Arrived at EDR: 09/05/2017  
Date Made Active in Reports: 11/08/2017  
Number of Days to Update: 64

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 09/05/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

CUPA Facility List  
Cupa facility list.

Date of Government Version: 08/07/2017  
Date Data Arrived at EDR: 08/08/2017  
Date Made Active in Reports: 10/16/2017  
Number of Days to Update: 69

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 11/01/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Semi-Annually

## CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 08/17/2017  
Date Data Arrived at EDR: 08/22/2017  
Date Made Active in Reports: 10/25/2017  
Number of Days to Update: 64

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 10/30/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

CUPA Facility List  
Cupa Facility list

Date of Government Version: 10/31/2017  
Date Data Arrived at EDR: 11/01/2017  
Date Made Active in Reports: 11/14/2017  
Number of Days to Update: 13

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 10/25/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Varies

## EL DORADO COUNTY:

CUPA Facility List  
CUPA facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/18/2017  
Date Data Arrived at EDR: 08/22/2017  
Date Made Active in Reports: 10/24/2017  
Number of Days to Update: 63

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 10/30/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Varies

## FRESNO COUNTY:

### CUPA Resources List

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

Date of Government Version: 06/30/2017  
Date Data Arrived at EDR: 07/05/2017  
Date Made Active in Reports: 08/04/2017  
Number of Days to Update: 30

Source: Dept. of Community Health  
Telephone: 559-445-3271  
Last EDR Contact: 09/27/2017  
Next Scheduled EDR Contact: 01/15/2018  
Data Release Frequency: Semi-Annually

## GLENN COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 07/26/2017  
Date Data Arrived at EDR: 07/28/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 77

Source: Glenn County Air Pollution Control District  
Telephone: 830-934-6500  
Last EDR Contact: 10/23/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

## HUMBOLDT COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 08/03/2017  
Date Data Arrived at EDR: 08/08/2017  
Date Made Active in Reports: 10/16/2017  
Number of Days to Update: 69

Source: Humboldt County Environmental Health  
Telephone: N/A  
Last EDR Contact: 11/14/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Semi-Annually

## IMPERIAL COUNTY:

### CUPA Facility List

Cupa facility list.

Date of Government Version: 07/21/2017  
Date Data Arrived at EDR: 07/25/2017  
Date Made Active in Reports: 10/16/2017  
Number of Days to Update: 83

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 10/23/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

## INYO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

Cupa facility list.

Date of Government Version: 06/08/2017  
Date Data Arrived at EDR: 06/09/2017  
Date Made Active in Reports: 08/04/2017  
Number of Days to Update: 56

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 11/14/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Varies

## KERN COUNTY:

### Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 08/07/2017  
Date Data Arrived at EDR: 08/08/2017  
Date Made Active in Reports: 09/21/2017  
Number of Days to Update: 44

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 11/01/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Quarterly

## KINGS COUNTY:

### 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: 09/22/2017  
Date Data Arrived at EDR: 09/22/2017  
Date Made Active in Reports: 10/16/2017  
Number of Days to Update: 24

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 11/14/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Varies

## LAKE COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 08/03/2017  
Date Data Arrived at EDR: 08/03/2017  
Date Made Active in Reports: 10/16/2017  
Number of Days to Update: 74

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 10/16/2017  
Next Scheduled EDR Contact: 01/29/2018  
Data Release Frequency: Varies

## LASSEN COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 07/24/2017  
Date Data Arrived at EDR: 07/26/2017  
Date Made Active in Reports: 10/16/2017  
Number of Days to Update: 82

Source: Lassen County Environmental Health  
Telephone: 530-251-8528  
Last EDR Contact: 10/23/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

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: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 09/18/2017  
Next Scheduled EDR Contact: 01/01/2018  
Data Release Frequency: No Update Planned

## HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/11/2017  
Date Data Arrived at EDR: 10/12/2017  
Date Made Active in Reports: 10/17/2017  
Number of Days to Update: 5

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 10/10/2017  
Next Scheduled EDR Contact: 01/22/2018  
Data Release Frequency: Semi-Annually

## List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/17/2017  
Date Data Arrived at EDR: 07/18/2017  
Date Made Active in Reports: 09/21/2017  
Number of Days to Update: 65

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 10/17/2017  
Next Scheduled EDR Contact: 01/29/2018  
Data Release Frequency: Varies

## City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 04/21/2017  
Date Made Active in Reports: 10/09/2017  
Number of Days to Update: 171

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 10/16/2017  
Next Scheduled EDR Contact: 01/29/2018  
Data Release Frequency: Varies

## Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 06/21/2017  
Date Data Arrived at EDR: 06/23/2017  
Date Made Active in Reports: 10/30/2017  
Number of Days to Update: 129

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 11/14/2017  
Next Scheduled EDR Contact: 01/29/2018  
Data Release Frequency: Annually

## City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017  
Date Data Arrived at EDR: 04/19/2017  
Date Made Active in Reports: 05/10/2017  
Number of Days to Update: 21

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 10/16/2017  
Next Scheduled EDR Contact: 01/29/2018  
Data Release Frequency: Semi-Annually

## 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  
Date Data Arrived at EDR: 03/10/2017  
Date Made Active in Reports: 05/03/2017  
Number of Days to Update: 54

Source: City of Long Beach Fire Department  
Telephone: 562-570-2563  
Last EDR Contact: 10/23/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/11/2017  
Date Data Arrived at EDR: 07/14/2017  
Date Made Active in Reports: 09/21/2017  
Number of Days to Update: 69

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 10/10/2017  
Next Scheduled EDR Contact: 01/22/2018  
Data Release Frequency: Semi-Annually

## MADERA COUNTY:

### 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: 10/26/2017  
Date Data Arrived at EDR: 10/27/2017  
Date Made Active in Reports: 11/06/2017  
Number of Days to Update: 10

Source: Madera County Environmental Health  
Telephone: 559-675-7823  
Last EDR Contact: 11/14/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Varies

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 09/28/2017  
Date Data Arrived at EDR: 10/05/2017  
Date Made Active in Reports: 11/08/2017  
Number of Days to Update: 34

Source: Public Works Department Waste Management  
Telephone: 415-473-6647  
Last EDR Contact: 09/27/2017  
Next Scheduled EDR Contact: 01/15/2018  
Data Release Frequency: Semi-Annually

## MERCED COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 10/02/2017  
Date Data Arrived at EDR: 10/03/2017  
Date Made Active in Reports: 10/17/2017  
Number of Days to Update: 14

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 11/14/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Varies

## MONO COUNTY:

### CUPA Facility List

CUPA Facility List

Date of Government Version: 08/08/2017  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 10/16/2017  
Number of Days to Update: 40

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 08/08/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: Varies

## MONTEREY COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/22/2017  
Date Data Arrived at EDR: 06/23/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 47

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 08/21/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Varies

## NAPA COUNTY:

### Sites With Reported Contamination

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

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

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 08/24/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: No Update Planned

### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 08/24/2017  
Date Data Arrived at EDR: 08/25/2017  
Date Made Active in Reports: 10/27/2017  
Number of Days to Update: 63

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 08/24/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

### CUPA Facility List

CUPA facility list.

Date of Government Version: 08/04/2017  
Date Data Arrived at EDR: 08/08/2017  
Date Made Active in Reports: 10/16/2017  
Number of Days to Update: 69

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 10/25/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Varies

## ORANGE COUNTY:

### List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 08/07/2017  
Date Data Arrived at EDR: 08/11/2017  
Date Made Active in Reports: 10/11/2017  
Number of Days to Update: 61

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/06/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Annually

### List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/07/2017  
Date Data Arrived at EDR: 08/11/2017  
Date Made Active in Reports: 09/21/2017  
Number of Days to Update: 41

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 11/06/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/07/2017	Source: Health Care Agency
Date Data Arrived at EDR: 08/09/2017	Telephone: 714-834-3446
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 11/07/2017
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/19/2018
	Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/05/2017	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 09/06/2017	Telephone: 530-745-2363
Date Made Active in Reports: 11/08/2017	Last EDR Contact: 08/31/2017
Number of Days to Update: 63	Next Scheduled EDR Contact: 12/18/2017
	Data Release Frequency: Semi-Annually

## PLUMAS COUNTY:

### CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 06/19/2017	Source: Plumas County Environmental Health
Date Data Arrived at EDR: 07/05/2017	Telephone: 530-283-6355
Date Made Active in Reports: 08/09/2017	Last EDR Contact: 11/01/2017
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

## RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/11/2017	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/12/2017	Telephone: 951-358-5055
Date Made Active in Reports: 11/09/2017	Last EDR Contact: 09/18/2017
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/01/2018
	Data Release Frequency: Quarterly

### Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/12/2017	Source: Department of Environmental Health
Date Data Arrived at EDR: 10/12/2017	Telephone: 951-358-5055
Date Made Active in Reports: 11/08/2017	Last EDR Contact: 09/18/2017
Number of Days to Update: 27	Next Scheduled EDR Contact: 01/01/2018
	Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### Toxic Site Clean-Up List

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



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/02/2017  
Date Data Arrived at EDR: 10/03/2017  
Date Made Active in Reports: 10/06/2017  
Number of Days to Update: 3

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 10/03/2017  
Next Scheduled EDR Contact: 01/15/2018  
Data Release Frequency: Quarterly

## 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: 05/03/2017  
Date Data Arrived at EDR: 07/06/2017  
Date Made Active in Reports: 08/22/2017  
Number of Days to Update: 47

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 10/03/2017  
Next Scheduled EDR Contact: 01/15/2018  
Data Release Frequency: Quarterly

## SAN BENITO COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 08/08/2017  
Date Data Arrived at EDR: 08/11/2017  
Date Made Active in Reports: 10/16/2017  
Number of Days to Update: 66

Source: San Benito County Environmental Health  
Telephone: N/A  
Last EDR Contact: 11/01/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Varies

## SAN BERNARDINO COUNTY:

### Hazardous Material Permits

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

Date of Government Version: 05/30/2017  
Date Data Arrived at EDR: 06/01/2017  
Date Made Active in Reports: 08/25/2017  
Number of Days to Update: 85

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 11/06/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

### 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: 09/05/2017  
Date Data Arrived at EDR: 09/06/2017  
Date Made Active in Reports: 11/08/2017  
Number of Days to Update: 63

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 09/06/2017  
Next Scheduled EDR Contact: 12/18/2017  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015  
Date Data Arrived at EDR: 11/07/2015  
Date Made Active in Reports: 01/04/2016  
Number of Days to Update: 58

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 10/23/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

## Environmental Case Listing

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

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

Source: San Diego County Department of Environmental Health  
Telephone: 619-338-2371  
Last EDR Contact: 08/31/2017  
Next Scheduled EDR Contact: 12/18/2017  
Data Release Frequency: No Update Planned

## SAN FRANCISCO COUNTY:

### 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: 11/01/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Quarterly

### Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 05/03/2017  
Date Data Arrived at EDR: 05/08/2017  
Date Made Active in Reports: 08/25/2017  
Number of Days to Update: 109

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 11/01/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### San Joaquin Co. UST

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

Date of Government Version: 10/03/2017  
Date Data Arrived at EDR: 10/06/2017  
Date Made Active in Reports: 10/10/2017  
Number of Days to Update: 4

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 08/28/2017  
Next Scheduled EDR Contact: 01/01/2018  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA Facility List

Cupa Facility List.

Date of Government Version: 08/18/2017  
Date Data Arrived at EDR: 08/22/2017  
Date Made Active in Reports: 10/25/2017  
Number of Days to Update: 64

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 11/14/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Varies

## SAN MATEO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Business Inventory

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

Date of Government Version: 09/15/2017  
Date Data Arrived at EDR: 09/19/2017  
Date Made Active in Reports: 10/17/2017  
Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 09/07/2017  
Next Scheduled EDR Contact: 12/25/2017  
Data Release Frequency: Annually

## Fuel Leak List

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

Date of Government Version: 09/15/2017  
Date Data Arrived at EDR: 09/19/2017  
Date Made Active in Reports: 11/09/2017  
Number of Days to Update: 51

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 09/07/2017  
Next Scheduled EDR Contact: 12/25/2017  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

### 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: 11/14/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Varies

## SANTA CLARA COUNTY:

### Cupa Facility List

Cupa facility list

Date of Government Version: 08/07/2017  
Date Data Arrived at EDR: 08/10/2017  
Date Made Active in Reports: 10/16/2017  
Number of Days to Update: 67

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 11/14/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Varies

### 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

### LOP Listing

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

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

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 08/24/2017  
Next Scheduled EDR Contact: 12/11/2017  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/07/2017  
Date Data Arrived at EDR: 08/15/2017  
Date Made Active in Reports: 10/24/2017  
Number of Days to Update: 70

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 11/01/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Annually

## SANTA CRUZ COUNTY:

### CUPA Facility List

CUPA facility listing.

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

Source: Santa Cruz County Environmental Health  
Telephone: 831-464-2761  
Last EDR Contact: 11/14/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Varies

## SHASTA COUNTY:

### 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: 11/14/2017  
Next Scheduled EDR Contact: 03/05/2018  
Data Release Frequency: Varies

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

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

Date of Government Version: 09/26/2017  
Date Data Arrived at EDR: 09/27/2017  
Date Made Active in Reports: 11/10/2017  
Number of Days to Update: 44

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 09/25/2017  
Next Scheduled EDR Contact: 12/25/2017  
Data Release Frequency: Quarterly

### Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/26/2017  
Date Data Arrived at EDR: 09/27/2017  
Date Made Active in Reports: 11/08/2017  
Number of Days to Update: 42

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 09/25/2017  
Next Scheduled EDR Contact: 12/25/2017  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### Cupa Facility List

Cupa Facility list

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017  
Date Data Arrived at EDR: 06/27/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 43

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 09/25/2017  
Next Scheduled EDR Contact: 01/01/2018  
Data Release Frequency: Varies

## Leaking Underground Storage Tank Sites

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

Date of Government Version: 10/03/2017  
Date Data Arrived at EDR: 10/06/2017  
Date Made Active in Reports: 11/10/2017  
Number of Days to Update: 35

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 09/25/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Quarterly

## STANISLAUS COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 08/17/2017  
Date Data Arrived at EDR: 08/22/2017  
Date Made Active in Reports: 10/25/2017  
Number of Days to Update: 64

Source: Stanislaus County Department of Environmental Protection  
Telephone: 209-525-6751  
Last EDR Contact: 10/16/2017  
Next Scheduled EDR Contact: 01/29/2018  
Data Release Frequency: Varies

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 08/31/2017  
Date Data Arrived at EDR: 09/05/2017  
Date Made Active in Reports: 11/08/2017  
Number of Days to Update: 64

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500  
Last EDR Contact: 08/31/2017  
Next Scheduled EDR Contact: 12/18/2017  
Data Release Frequency: Semi-Annually

## TEHAMA COUNTY:

### CUPA Facility List

Cupa facilities

Date of Government Version: 07/19/2017  
Date Data Arrived at EDR: 08/11/2017  
Date Made Active in Reports: 10/16/2017  
Number of Days to Update: 66

Source: Tehama County Department of Environmental Health  
Telephone: 530-527-8020  
Last EDR Contact: 11/14/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Varies

## TRINITY COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 07/21/2017  
Date Data Arrived at EDR: 07/25/2017  
Date Made Active in Reports: 10/16/2017  
Number of Days to Update: 83

Source: Department of Toxic Substances Control  
Telephone: 760-352-0381  
Last EDR Contact: 10/23/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

## TULARE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA Facility List

Cupa program facilities

Date of Government Version: 09/27/2017  
Date Data Arrived at EDR: 09/28/2017  
Date Made Active in Reports: 10/16/2017  
Number of Days to Update: 18

Source: Tulare County Environmental Health Services Division  
Telephone: 559-624-7400  
Last EDR Contact: 11/14/2017  
Next Scheduled EDR Contact: 02/19/2018  
Data Release Frequency: Varies

## TUOLUMNE COUNTY:

### CUPA Facility List

Cupa facility list

Date of Government Version: 08/21/2017  
Date Data Arrived at EDR: 08/22/2017  
Date Made Active in Reports: 10/25/2017  
Number of Days to Update: 64

Source: Divison of Environmental Health  
Telephone: 209-533-5633  
Last EDR Contact: 10/23/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Varies

## VENTURA COUNTY:

### 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: 06/26/2017  
Date Data Arrived at EDR: 08/03/2017  
Date Made Active in Reports: 10/16/2017  
Number of Days to Update: 74

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 10/23/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Quarterly

### Inventory of Illegal Abandoned and Inactive Sites

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

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

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 09/27/2017  
Next Scheduled EDR Contact: 01/15/2018  
Data Release Frequency: Annually

### 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: 11/08/2017  
Next Scheduled EDR Contact: 02/26/2018  
Data Release Frequency: Quarterly

### 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: 06/26/2017  
Date Data Arrived at EDR: 08/03/2017  
Date Made Active in Reports: 10/17/2017  
Number of Days to Update: 75

Source: Ventura County Resource Management Agency  
Telephone: 805-654-2813  
Last EDR Contact: 10/23/2017  
Next Scheduled EDR Contact: 02/05/2018  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Tank Closed Sites List

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

Date of Government Version: 08/28/2017	Source: Environmental Health Division
Date Data Arrived at EDR: 09/12/2017	Telephone: 805-654-2813
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 09/12/2017
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/25/2017
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 09/27/2017	Source: Yolo County Department of Health
Date Data Arrived at EDR: 10/02/2017	Telephone: 530-666-8646
Date Made Active in Reports: 11/14/2017	Last EDR Contact: 09/27/2017
Number of Days to Update: 43	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Annually

## YUBA COUNTY:

### CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 07/31/2017	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 08/03/2017	Telephone: 530-749-7523
Date Made Active in Reports: 10/16/2017	Last EDR Contact: 10/25/2017
Number of Days to Update: 74	Next Scheduled EDR Contact: 02/12/2018
	Data Release Frequency: Varies

## OTHER DATABASE(S)

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

### CT MANIFEST: Hazardous Waste Manifest Data

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

Date of Government Version: 07/28/2017	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 08/18/2017	Telephone: 860-424-3375
Date Made Active in Reports: 11/14/2017	Last EDR Contact: 11/14/2017
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/26/2018
	Data Release Frequency: No Update Planned

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016	Source: Department of Environmental Protection
Date Data Arrived at EDR: 04/11/2017	Telephone: N/A
Date Made Active in Reports: 07/27/2017	Last EDR Contact: 10/05/2017
Number of Days to Update: 107	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Annually



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 10/01/2017  
Date Data Arrived at EDR: 11/01/2017  
Date Made Active in Reports: 11/13/2017  
Number of Days to Update: 12

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 11/01/2017  
Next Scheduled EDR Contact: 02/12/2018  
Data Release Frequency: Quarterly

## PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 07/25/2017  
Date Made Active in Reports: 09/25/2017  
Number of Days to Update: 62

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 10/16/2017  
Next Scheduled EDR Contact: 01/29/2018  
Data Release Frequency: Annually

## RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013  
Date Data Arrived at EDR: 06/19/2015  
Date Made Active in Reports: 07/15/2015  
Number of Days to Update: 26

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 08/21/2017  
Next Scheduled EDR Contact: 12/04/2017  
Data Release Frequency: Annually

## WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 04/13/2017  
Date Made Active in Reports: 07/14/2017  
Number of Days to Update: 92

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 09/11/2017  
Next Scheduled EDR Contact: 12/25/2017  
Data Release Frequency: Annually

## Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

## Electric Power Transmission Line Data

Source: PennWell Corporation

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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 & Game

Telephone: 916-445-0411

## Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

PROPOSED LAND ACQUISITION MISSION HILLS  
15149, 15151 & ADJACENT PARCEL MISSION HILLS ROAD  
MISSION HILLS, CA 91345

### **TARGET PROPERTY COORDINATES**

Latitude (North):	34.28208 - 34° 16' 55.49"
Longitude (West):	118.463863 - 118° 27' 49.91"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	365255.4
UTM Y (Meters):	3794207.5
Elevation:	1127 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	5636833 SAN FERNANDO, 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 principal 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<sup>®</sup> - 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).

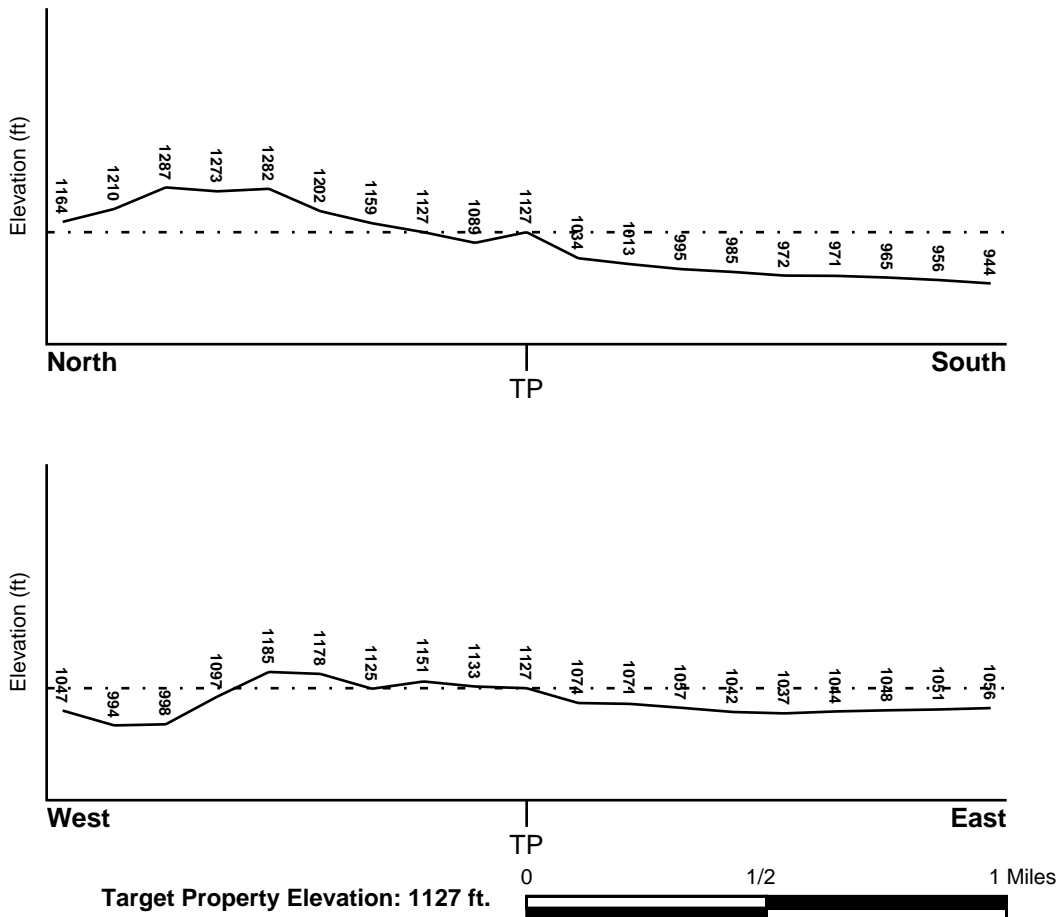
## TOPOGRAPHIC INFORMATION

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 SSE

## 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>
06037C1075F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

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

### **Site-Specific Hydrogeological Data\*:**

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

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

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

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

#### **ROCK STRATIGRAPHIC UNIT**

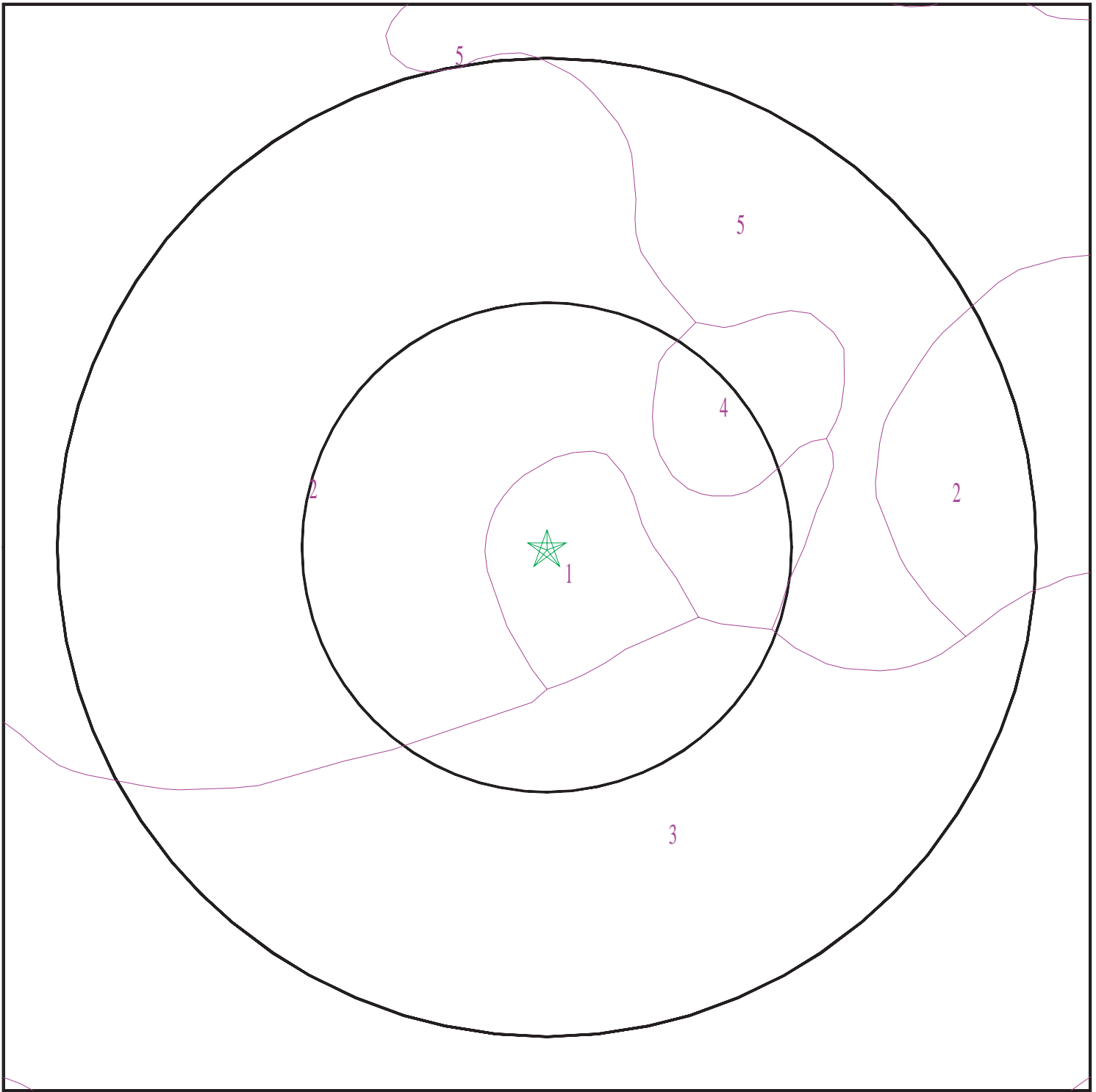
Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

# SSURGO SOIL MAP - 5109258.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Proposed Land Acquisition Mission Hills  
ADDRESS: 15149, 15151 & Adjacent Parcel Mission Hills Road  
Mission Hills CA 91345  
LAT/LONG: 34.28208 / 118.463863

CLIENT: Ecobility Corporation  
CONTACT: Michael Mooradian  
INQUIRY #: 5109258.2s  
DATE: November 15, 2017 6:59 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: Balcom

Soil Surface Texture: silty clay 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	37 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	37 inches	40 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

### Soil Map ID: 2

Soil Component Name: Gazos

Soil Surface Texture: silty clay 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: Moderate

Depth to Bedrock Min: > 82 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	27 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 5.6
2	27 inches	31 inches	unweathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

### Soil Map ID: 3

Soil Component Name: Chualar

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: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 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: 14 Min: 4	Max: 7.8 Min: 6.1

## 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	18 inches	70 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

**Soil Map ID: 4**

Soil Component Name: Soper

Soil Surface Texture: gravelly 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: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	11 inches	31 inches	cobbly sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

## 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	31 inches	35 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

### Soil Map ID: 5

Soil Component Name: Cropley

Soil Surface Texture: clay

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:  
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	35 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	35 inches	64 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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>
A1	USGS40000142828	1/2 - 1 Mile NNE

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

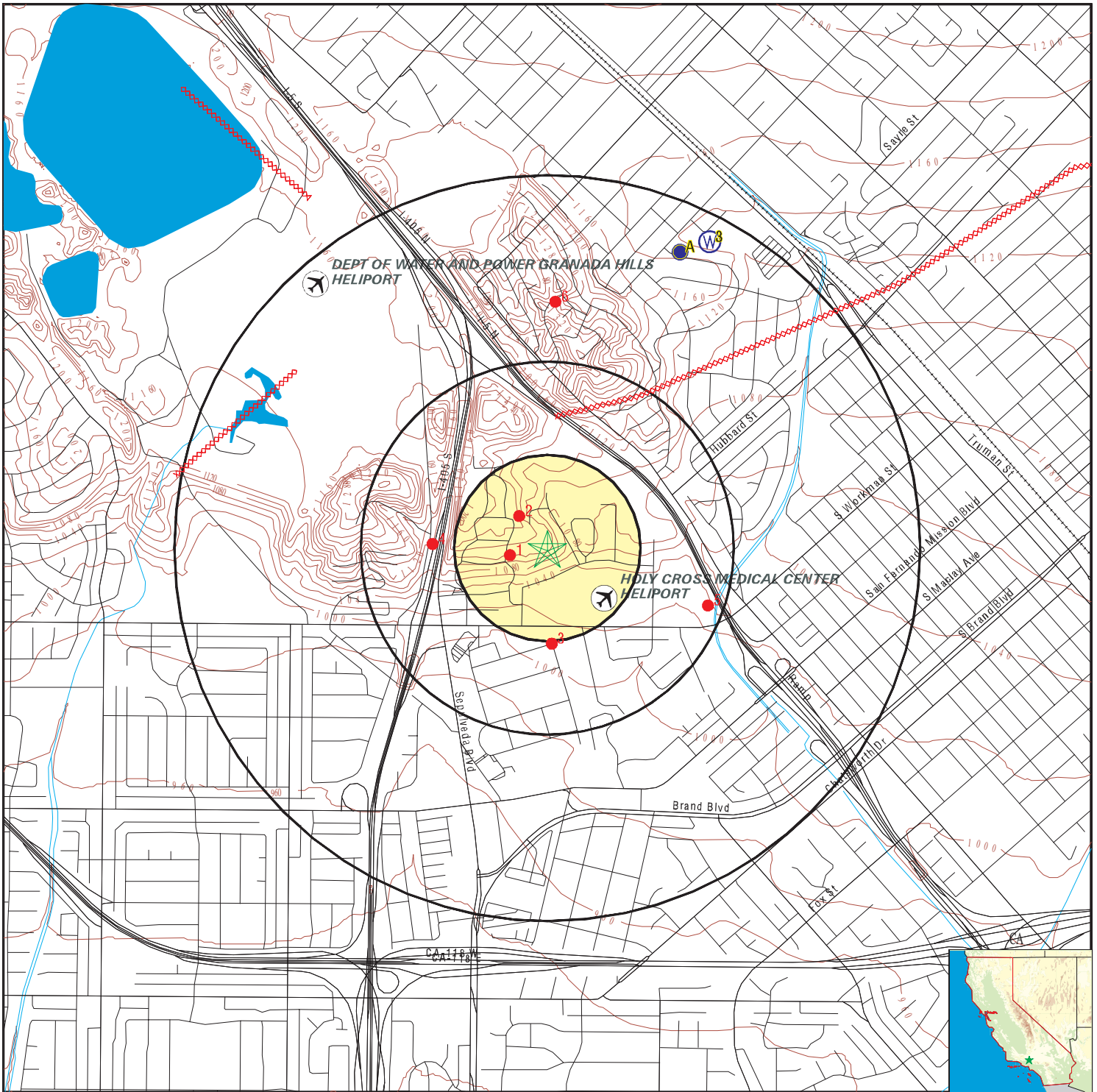
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	CADW60000005585	1/2 - 1 Mile NNE
3	CADW60000036052	1/2 - 1 Mile NNE

## OTHER STATE DATABASE INFORMATION

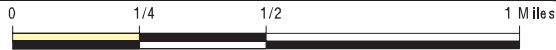
### STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG11000280870	0 - 1/8 Mile West
2	CAOG11000280871	0 - 1/8 Mile NW
3	CAOG11000283187	1/4 - 1/2 Mile South
4	CAOG11000280804	1/4 - 1/2 Mile West
5	CAOG11000281023	1/4 - 1/2 Mile ESE
6	CAOG11000280741	1/2 - 1 Mile North

# PHYSICAL SETTING SOURCE MAP - 5109258.2s



- 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: Proposed Land Acquisition Mission Hills  
 ADDRESS: 15149, 15151 & Adjacent Parcel Mission Hills Road  
 Mission Hills CA 91345  
 LAT/LONG: 34.28208 / 118.463863

CLIENT: Ecobility Corporation  
 CONTACT: Michael Mooradian  
 INQUIRY #: 5109258.2s  
 DATE: November 15, 2017 6:59 pm

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A1**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000142828**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-341736118272401		
Monloc name:	002N015W04B009S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070105	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.2933346
Longitude:	-118.4575836	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	450
Welldepth units:	ft	Wellholedepth:	Not Reported
Wellholedepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**A2**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADW60000005585**

Objectid:	5585
Latitude:	34.293869
Longitude:	-118.457687
Site code:	342939N1184577W001
State well numbe:	02N15W04B003S
Local well name:	'4840B'
Well use id:	4
Well use descrip:	Residential
County id:	19
County name:	Los Angeles
Basin code:	'4-12'
Basin desc:	San Fernando Valley
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000005585

**3**  
**NNE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      CADW60000036052**



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid:	36052
Latitude:	34.293999
Longitude:	-118.456245
Site code:	342940N1184562W001
State well numbe:	Not Reported
Local well name:	'4840J'
Well use id:	4
Well use descrip:	Residential
County id:	19
County name:	Los Angeles
Basin code:	'4-12'
Basin desc:	San Fernando Valley
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000036052

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database      EDR ID Number

**1**

**West**  
**0 - 1/8 Mile**

**OIL\_GAS      CAOG11000280870**

District nun:	2	Api number:	03705891
Blm well:	N	Redrill can:	No
Dryhole:	Y	Well status:	P
Operator name:	Shell Western Exploration & Production Inc.		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	4
Township:	02N	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mission	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000280870		

**2**

**NW**  
**0 - 1/8 Mile**

**OIL\_GAS      CAOG11000280871**

District nun:	2	Api number:	03705892
Blm well:	N	Redrill can:	No
Dryhole:	Y	Well status:	P
Operator name:	Shell Western Exploration & Production Inc.		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	4
Township:	02N	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Mission	Wellnumber:	2
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000280871		

**3**

**South**  
**1/4 - 1/2 Mile**

**OIL\_GAS      CAOG11000283187**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

District nun:	2	Api number:	03722050
Blm well:	N	Redrill can:	No
Dryhole:	Y	Well status:	P
Operator name:	Union Oil Company of California		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	9
Township:	02N	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	San Fernando	Wellnumber:	1-9
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000283187		

**4**

**West  
1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000280804**

District nun:	2	Api number:	03705661
Blm well:	N	Redrill can:	No
Dryhole:	Y	Well status:	P
Operator name:	Mission Hills Oil Co.		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	5
Township:	02N	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Well No.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000280804		

**5**

**ESE  
1/4 - 1/2 Mile**

**OIL\_GAS**

**CAOG11000281023**

District nun:	2	Api number:	03706330
Blm well:	N	Redrill can:	No
Dryhole:	Y	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	4
Township:	02N	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Gissourcec:	hud		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Comments:	Not Reported	Wellnumber:	1
Leasename:	Rinaldi Corehole	Hydraulica:	N
Epawell:	N	Spuddate:	Not Reported
Confidenti:	N		
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000281023		

**6**  
**North**  
**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000280741**

District nun:	2	Api number:	03705442
Blm well:	N	Redrill can:	No
Dryhole:	Y	Well status:	P
Operator name:	Chevron U.S.A. Inc.		
County name:	Los Angeles	Fieldname:	Any Field
Area name:	Any Area	Section:	4
Township:	02N	Range:	15W
Base meridian:	SB	Elevation:	Not Reported
Location De:	Fr nW cor Sec 4; 700S & 1250		
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Carey	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Not Directionally drilled	Gissymbol:	PDH
Site id:	CAOG11000280741		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91345	21	0

Federal EPA Radon Zone for LOS ANGELES County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

---

### Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> 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.

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

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.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.



## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### 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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**Proposed Land Acquisition Mission Hills**

15149, 15151 & Adjacent Parcel Mission Hills Road  
Mission Hills, CA 91345

Inquiry Number: 5109258.2s

November 15, 2017

# EDR Summary Radius Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

15149, 15151 & ADJACENT PARCEL MISSION HILLS ROAD  
MISSION HILLS, CA 91345

#### COORDINATES

Latitude (North): 34.2820800 - 34° 16' 55.48"  
Longitude (West): 118.4638630 - 118° 27' 49.90"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 365255.4  
UTM Y (Meters): 3794207.5  
Elevation: 1127 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: TP  
Source: U.S. Geological Survey

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140514  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
 15149, 15151 & ADJACENT PARCEL MISSION HILLS ROAD  
 MISSION HILLS, CA 91345

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	UNK	15105 MISSION HILLS	SWEEPS UST, CA FID UST	Lower	1 ft.
2	EDEN MEMORIAL PARK A	11521 MEMORY PARK AV	SWEEPS UST, CA FID UST	Lower	102, 0.019, SSW
A3	SAME AS ABOVE	11500 SEPULVEDA BLVD	HIST UST	Higher	563, 0.107, West
A4	EDEN MEMORIAL PARK A	11500 SEPULVEDA BLVD	SWEEPS UST, HIST UST, CA FID UST	Higher	563, 0.107, West
B5	91844 - CHEVRON STAT	15448 RINALDI ST	SWEEPS UST, CA FID UST	Lower	1027, 0.195, SW
B6	91844	15448 RINALDI	HIST UST	Lower	1027, 0.195, SW
C7	OUTPATIENT DIAGNOSTI	11570 INDIAN HILLS R	RCRA-SQG, FINDS, ECHO, HAZNET	Lower	1122, 0.213, ESE
C8	HOLY CROSS SURGERY C	11550 INDIAN HILLS R	UST	Lower	1140, 0.216, ESE
C9	HOLY CROSS SURGERY C	11550 INDIAN HILLS R	SWEEPS UST, CA FID UST	Lower	1140, 0.216, ESE
D10	HOLY CROSS HOSPITAL	15031 RINALDI STKEET	HIST UST	Lower	1164, 0.220, SE
D11	PROVIDENCE HOLY CROS	15031 W RINALDI ST	UST	Lower	1164, 0.220, SE
C12	PROVIDENCE HOLY CROS	11550 N INDIAN HILLS	UST	Lower	1176, 0.223, ESE
D13	CITY OF HOPE MISSION	15031 RINALDI ST	CA FID UST, HAZNET	Lower	1207, 0.229, SE
D14	HOLY CROSS MEDICAL C	15031 RINALDI ST	UST, SWEEPS UST, HIST UST	Lower	1207, 0.229, SE
15	TERRIBLE HERBST OIL	11501 SEPULVEDA BLVD	LUST, HIST CORTESE	Lower	1407, 0.266, WSW
16	NORTH HILLS RECYCLIN	11700 BLUCHER AVENUE	SWF/LF	Lower	1441, 0.273, WNW
E17	ROLL-OFFS 4 LESS	14801 RINALDI ST.	SWF/LF	Lower	1728, 0.327, WSW
F18	SAN FERNANDO CALTRAN	11930 BLUCHER AVENUE	SWF/LF	Higher	1869, 0.354, NW
E19	CAREY WEHRLI	15540 RINALDI ST	LUST	Lower	1916, 0.363, WSW
E20	SHELL SERVICE STATIO	15540 RINALDI STREET	LUST, HIST CORTESE	Lower	1916, 0.363, WSW
F21	NORTH HILLS RECYCLIN	11700 BLUCHER AVE	SWF/LF, HAZNET	Higher	1936, 0.367, NW
22	GENESIS RECYCLING	801 RINALDI ST STE R	SWRCY	Lower	2059, 0.390, ESE
23	LAUSD - NORTH VALLEY	11450 N SHARP AVE	LUST	Lower	2094, 0.397, SE
G24	NORTH HILLS RECYCLIN	11780 BLUCHER AVE.	SWF/LF	Higher	2182, 0.413, NW
G25	CALTRANS HIGHWAY MAI	11930 N BLUCHER AVE	LUST, AST	Higher	2322, 0.440, NW
H26	TOSCO - 76 STATION #	11550 LAUREL CANYON	LUST	Lower	2407, 0.456, ESE
H27	TOSCO S.S. #4713	11550 LAUREL CNYN	HIST CORTESE	Lower	2407, 0.456, ESE

# EXECUTIVE SUMMARY

## TARGET PROPERTY SEARCH RESULTS

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

## SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal RCRA generators list***

RCRA-SQG: A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2017 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>OUTPATIENT DIAGNOSTI</i></b>	<b><i>11570 INDIAN HILLS R</i></b>	<b><i>ESE 1/8 - 1/4 (0.213 mi.)</i></b>	<b><i>C7</i></b>	<b><i>9</i></b>

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

SWF/LF: A review of the SWF/LF list, as provided by EDR, has revealed that there are 5 SWF/LF sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAN FERNANDO CALTRAN Database: SWF/LF (SWIS), Date of Government Version: 08/14/2017 Facility ID: 19-AR-1229 Operational Status: Active Regulation Status: Notification	11930 BLUCHER AVENUE	NW 1/4 - 1/2 (0.354 mi.)	F18	12
<b><i>NORTH HILLS RECYCLIN</i></b> Database: LOS ANGELES CO. LF, Date of Government Version: 07/17/2017 Site ID: 2776 Status: Active	<b><i>11700 BLUCHER AVE</i></b>	<b><i>NW 1/4 - 1/2 (0.367 mi.)</i></b>	<b><i>F21</i></b>	<b><i>12</i></b>
NORTH HILLS RECYCLIN Database: SWF/LF (SWIS), Date of Government Version: 08/14/2017 Facility ID: 19-AR-1254	11780 BLUCHER AVE.	NW 1/4 - 1/2 (0.413 mi.)	G24	13

## EXECUTIVE SUMMARY

Operational Status: Active  
Regulation Status: Notification

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORTH HILLS RECYCLIN Database: SWF/LF (SWIS), Date of Government Version: 08/14/2017 Facility ID: 19-AR-1232 Operational Status: Active Regulation Status: Permitted	11700 BLUCHER AVENUE	WNW 1/4 - 1/2 (0.273 mi.)	16	11
ROLL-OFFS 4 LESS Database: LOS ANGELES CO. LF, Date of Government Version: 07/17/2017 Site ID: 336 Status: Active	14801 RINALDI ST.	WSW 1/4 - 1/2 (0.327 mi.)	E17	12

### **State and tribal leaking storage tank lists**

LUST: A review of the LUST list, as provided by EDR, has revealed that there are 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CALTRANS HIGHWAY MAI</b> Database: LUST, Date of Government Version: 09/11/2017 Status: Completed - Case Closed Global Id: T0603791230	<b>11930 N BLUCHER AVE</b>	<b>NW 1/4 - 1/2 (0.440 mi.)</b>	<b>G25</b>	<b>13</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TERRIBLE HERBST OIL</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 09/11/2017 Status: Open - Eligible for Closure Facility Id: 913450325 Status: Pollution Characterization Global Id: T0603702299 Global ID: T0603702299	<b>11501 SEPULVEDA BLVD</b>	<b>WSW 1/4 - 1/2 (0.266 mi.)</b>	<b>15</b>	<b>11</b>
CAREY WEHRLI Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: 913440061 Status: Case Closed Global ID: T0603702293	15540 RINALDI ST	WSW 1/4 - 1/2 (0.363 mi.)	E19	12
<b>SHELL SERVICE STATIO</b> Database: LUST, Date of Government Version: 09/11/2017 Status: Completed - Case Closed Global Id: T0603702293 Global Id: T0603794080	<b>15540 RINALDI STREET</b>	<b>WSW 1/4 - 1/2 (0.363 mi.)</b>	<b>E20</b>	<b>12</b>
LAUSD - NORTH VALLEY Database: LUST, Date of Government Version: 09/11/2017 Status: Completed - Case Closed	11450 N SHARP AVE	SE 1/4 - 1/2 (0.397 mi.)	23	13





## EXECUTIVE SUMMARY

### Local Lists of Registered Storage Tanks

SWEEPS UST: A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 6 SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EDEN MEMORIAL PARK A</b> Comp Number: 624	<b>11500 SEPULVEDA BLVD</b>	<b>W 0 - 1/8 (0.107 mi.)</b>	<b>A4</b>	<b>8</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>UNK</b> Comp Number: 7806	<b>15105 MISSION HILLS</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>1</b>	<b>8</b>
<b>EDEN MEMORIAL PARK A</b> Comp Number: 4503	<b>11521 MEMORY PARK AV</b>	<b>SSW 0 - 1/8 (0.019 mi.)</b>	<b>2</b>	<b>8</b>
<b>91844 - CHEVRON STAT</b> Comp Number: 3508	<b>15448 RINALDI ST</b>	<b>SW 1/8 - 1/4 (0.195 mi.)</b>	<b>B5</b>	<b>9</b>
<b>HOLY CROSS SURGERY C</b> Status: A Comp Number: 5316	<b>11550 INDIAN HILLS R</b>	<b>ESE 1/8 - 1/4 (0.216 mi.)</b>	<b>C9</b>	<b>10</b>
<b>HOLY CROSS MEDICAL C</b> Status: A Tank Status: A Comp Number: 345	<b>15031 RINALDI ST</b>	<b>SE 1/8 - 1/4 (0.229 mi.)</b>	<b>D14</b>	<b>11</b>

HIST UST: A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 5 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAME AS ABOVE Facility Id: 00000005484	11500 SEPULVEDA BLVD	W 0 - 1/8 (0.107 mi.)	A3	8
<b>EDEN MEMORIAL PARK A</b>	<b>11500 SEPULVEDA BLVD</b>	<b>W 0 - 1/8 (0.107 mi.)</b>	<b>A4</b>	<b>8</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
91844 Facility Id: 00000062148	15448 RINALDI	SW 1/8 - 1/4 (0.195 mi.)	B6	9
HOLY CROSS HOSPITAL <b>HOLY CROSS MEDICAL C</b> Facility Id: 00000003966	15031 RINALDI ST <b>15031 RINALDI ST</b>	SE 1/8 - 1/4 (0.220 mi.) <b>SE 1/8 - 1/4 (0.229 mi.)</b>	D10 <b>D14</b>	10 <b>11</b>

CA FID UST: A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 6 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>EDEN MEMORIAL PARK A</b>	<b>11500 SEPULVEDA BLVD</b>	<b>W 0 - 1/8 (0.107 mi.)</b>	<b>A4</b>	<b>8</b>

## EXECUTIVE SUMMARY

Facility Id: 19010237  
Status: I

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>UNK</b> Facility Id: 19012161 Status: I	<b>15105 MISSION HILLS</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>1</b>	<b>8</b>
<b>EDEN MEMORIAL PARK A</b> Facility Id: 19055816 Status: A	<b>11521 MEMORY PARK AV</b>	<b>SSW 0 - 1/8 (0.019 mi.)</b>	<b>2</b>	<b>8</b>
<b>91844 - CHEVRON STAT</b> Facility Id: 19010465 Status: I	<b>15448 RINALDI ST</b>	<b>SW 1/8 - 1/4 (0.195 mi.)</b>	<b>B5</b>	<b>9</b>
<b>HOLY CROSS SURGERY C</b> Facility Id: 19000405 Status: A	<b>11550 INDIAN HILLS R</b>	<b>ESE 1/8 - 1/4 (0.216 mi.)</b>	<b>C9</b>	<b>10</b>
<b>CITY OF HOPE MISSION</b> Facility Id: 19012792 Status: A	<b>15031 RINALDI ST</b>	<b>SE 1/8 - 1/4 (0.229 mi.)</b>	<b>D13</b>	<b>10</b>

### **Other Ascertainable Records**

HIST CORTESE: A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>TERRIBLE HERBST OIL</b> Reg Id: 913450325	<b>11501 SEPULVEDA BLVD</b>	<b>WSW 1/4 - 1/2 (0.266 mi.)</b>	<b>15</b>	<b>11</b>
<b>SHELL SERVICE STATIO</b> TOSCO S.S. #4713 Reg Id: R-11040	<b>15540 RINALDI STREET</b> 11550 LAUREL CNYN	<b>WSW 1/4 - 1/2 (0.363 mi.)</b> <b>ESE 1/4 - 1/2 (0.456 mi.)</b>	<b>E20</b> <b>H27</b>	<b>12</b> <b>14</b>

Count: 4 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES COUNTY	S107531547		240TH ST & AVE J EAST		CDL
LOS ANGELES COUNTY	S107537787		BARSTOW & SANTA FE		CDL
LOS ANGELES COUNTY	S107539628		OAKMAN DR/BETW BUNBURY & GUINE		CDL
LOS ANGELES COUNTY	S107541010		VEH STOP: AZUSA & AROMA AVE		CDL

# OVERVIEW MAP - 5109258.2S



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

Upgradient Area

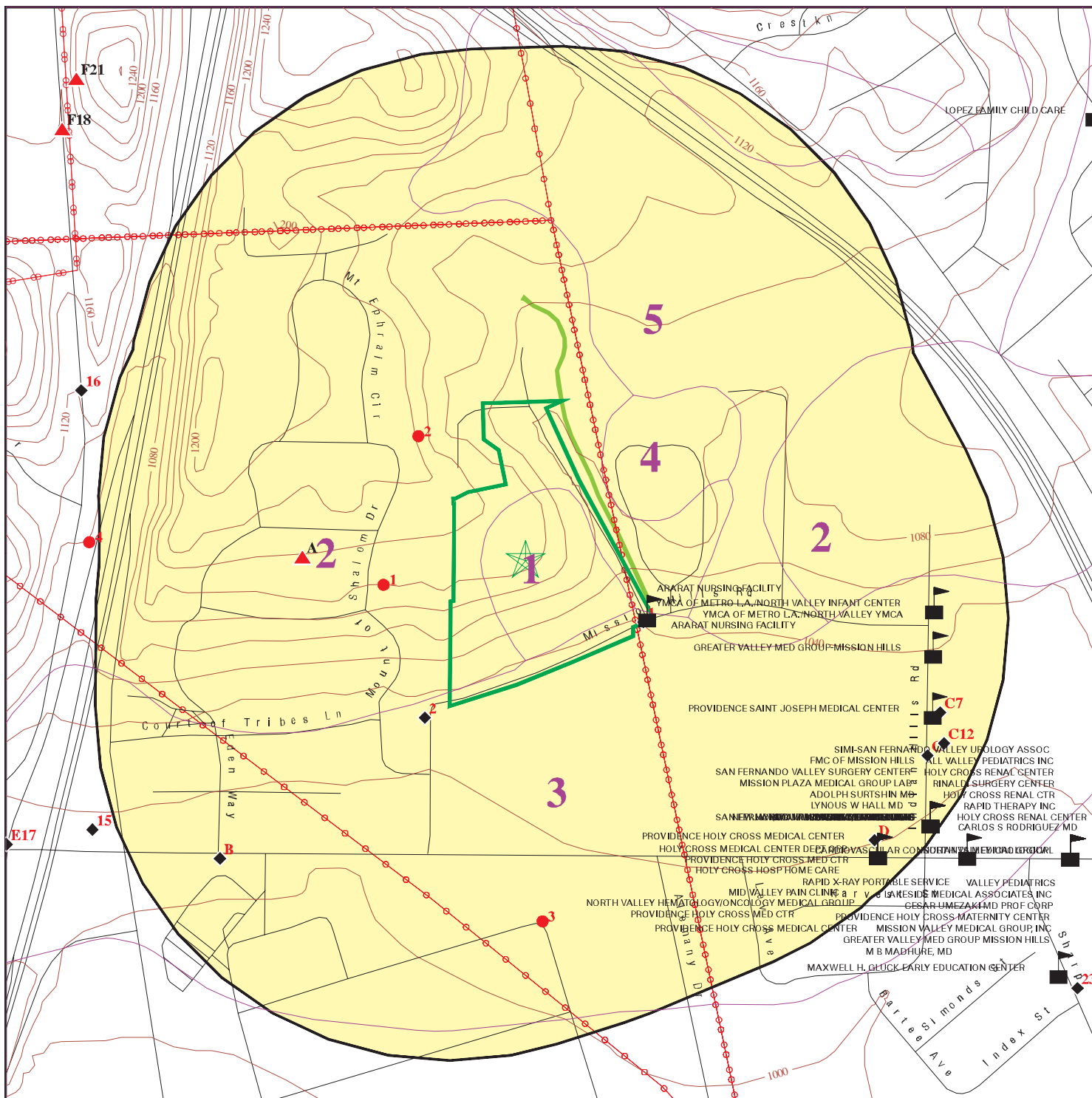
Areas of Concern

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: Proposed Land Acquisition Mission Hills  
 ADDRESS: 15149, 15151 & Adjacent Parcel Mission Hills Road  
 Mission Hills CA 91345  
 LAT/LONG: 34.28208 / 118.463863

CLIENT: Ecobility Corporation  
 CONTACT: Michael Mooradian  
 INQUIRY #: 5109258.2s  
 DATE: November 15, 2017 6:57 pm

# DETAIL MAP - 5109258.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

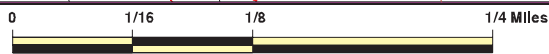
100-year flood zone

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: Proposed Land Acquisition Mission Hills  
 ADDRESS: 15149, 15151 & Adjacent Parcel Mission Hills Road  
 Mission Hills CA 91345  
 LAT/LONG: 34.28208 / 118.463863

CLIENT: Ecobility Corporation  
 CONTACT: Michael Mooradian  
 INQUIRY #: 5109258.2s  
 DATE: November 15, 2017 6:59 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
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
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
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	1	NR	NR	NR	1
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
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
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL RESPONSE</i></b>								
RESPONSE	1.000		0	0	0	0	NR	0
<b><i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i></b>								
ENVIROSTOR	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	5	NR	NR	5
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	6	NR	NR	6



## 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
SLIC	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	4	NR	NR	NR	4
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b><i>State and tribal voluntary cleanup sites</i></b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b><i>State and tribal Brownfields sites</i></b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><u>ADDITIONAL ENVIRONMENTAL RECORDS</u></b>								
<b><i>Local Brownfield lists</i></b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Landfill / Solid Waste Disposal Sites</i></b>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	1	NR	NR	1
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b><i>Local Lists of Hazardous waste / Contaminated Sites</i></b>								
AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
<b><i>Local Lists of Registered Storage Tanks</i></b>								
SWEEPS UST	0.250		3	3	NR	NR	NR	6
HIST UST	0.250		2	3	NR	NR	NR	5
CA FID UST	0.250		3	3	NR	NR	NR	6
<b><i>Local Land Records</i></b>								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0

## 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
<b>Records of Emergency Release Reports</b>								
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
<b>Other Ascertainable Records</b>								
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
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0



MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
1  < 1/8 1 ft.	<b>UNK</b> 15105 MISSION HILLS RD GRANADA HILLS, CA 91367  <a href="#">Click here for full text details</a> <b>Relative:</b> <b>Lower</b> <b>SWEEPS UST</b> Comp Number: 7806  <b>CA FID UST</b> Status: I Facility Id: 19012161	<b>SWEEPS UST</b> <b>CA FID UST</b>	<b>S101584513</b> <b>N/A</b>
2  SSW < 1/8 0.019 mi. 102 ft.	<b>EDEN MEMORIAL PARK ASSOCIATION</b> 11521 MEMORY PARK AVE MISSION HILLS, CA 91345  <a href="#">Click here for full text details</a> <b>Relative:</b> <b>Lower</b> <b>SWEEPS UST</b> Comp Number: 4503  <b>CA FID UST</b> Status: A Facility Id: 19055816	<b>SWEEPS UST</b> <b>CA FID UST</b>	<b>S101587612</b> <b>N/A</b>
A3  West < 1/8 0.107 mi. 563 ft.	<b>SAME AS ABOVE</b> 11500 SEPULVEDA BLVD MISSION HILLS, CA 91345  <a href="#">Click here for full text details</a> <b>Relative:</b> <b>Higher</b> <b>HIST UST</b> Facility Id: 00000005484	<b>HIST UST</b>	<b>U001567676</b> <b>N/A</b>
A4  West < 1/8 0.107 mi. 563 ft.	<b>EDEN MEMORIAL PARK ASSN /C</b> 11500 SEPULVEDA BLVD MISSION HILLS, CA 91345  <a href="#">Click here for full text details</a> <b>Relative:</b> <b>Higher</b> <b>SWEEPS UST</b> Comp Number: 624  <b>CA FID UST</b> Status: I Facility Id: 19010237	<b>SWEEPS UST</b> <b>HIST UST</b> <b>CA FID UST</b>	<b>S101584289</b> <b>N/A</b>

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
B5 SW 1/8-1/4 0.195 mi. 1027 ft.	91844 - CHEVRON STATION 15448 RINALDI ST MISSION HILLS, CA 91340  <a href="#">Click here for full text details</a>	SWEEPS UST CA FID UST	S101584321 N/A
Relative: Lower	<b>SWEEPS UST</b> Comp Number: 3508  <b>CA FID UST</b> Status: I Facility Id: 19010465		
B6 SW 1/8-1/4 0.195 mi. 1027 ft.	91844 15448 RINALDI MISSION HILLS, CA 91340  <a href="#">Click here for full text details</a>	HIST UST	U001567506 N/A
Relative: Lower	<b>HIST UST</b> Facility Id: 00000062148		
C7 ESE 1/8-1/4 0.213 mi. 1122 ft.	OUTPATIENT DIAGNOSTIC CTR 11570 INDIAN HILLS RD MISSION HILLS, CA 91345  <a href="#">Click here for full text details</a>	RCRA-SQG FINDS ECHO HAZNET	1000818479 CAD983643529
Relative: Lower	<b>RCRA-SQG</b> EPA Id: CAD983643529  <b>FINDS</b> Registry ID: 110002881294  <b>HAZNET</b> GEPaid: CAD983643529		
C8 ESE 1/8-1/4 0.216 mi. 1140 ft.	HOLY CROSS SURGERY CENTER/C 11550 INDIAN HILLS RD MISSION HILLS, CA 91345  <a href="#">Click here for full text details</a>	UST	U003879558 N/A
Relative: Lower	<b>UST</b> Facility Id: 24713		

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
C9 ESE 1/8-1/4 0.216 mi. 1140 ft.	HOLY CROSS SURGERY CENTER /C 11550 INDIAN HILLS RD MISSION HILLS, CA 91345  <a href="#">Click here for full text details</a>	SWEEPS UST CA FID UST	S101582602 N/A
Relative: Lower	SWEEPS UST Status: A Comp Number: 5316  CA FID UST Status: A Facility Id: 19000405		
D10 SE 1/8-1/4 0.220 mi. 1164 ft.	HOLY CROSS HOSPITAL 15031 RINALDI STKEET MISSION HILLS, CA 91345  <a href="#">Click here for full text details</a>	HIST UST	S118411179 N/A
Relative: Lower			
D11 SE 1/8-1/4 0.220 mi. 1164 ft.	PROVIDENCE HOLY CROSS MEDICAL CENTE 15031 W RINALDI ST MISSION HILLS, CA 91345  <a href="#">Click here for full text details</a>	UST	U004264039 N/A
Relative: Lower	UST Facility Id: FA0008625		
C12 ESE 1/8-1/4 0.223 mi. 1176 ft.	PROVIDENCE HOLY CROSS SURGERY CENT 11550 N INDIAN HILLS RD MISSION HILLS, CA 91345  <a href="#">Click here for full text details</a>	UST	U004264372 N/A
Relative: Lower	UST Facility Id: FA0031355		
D13 SE 1/8-1/4 0.229 mi. 1207 ft.	CITY OF HOPE MISSION HILLS 15031 RINALDI ST MISSION HILLS, CA 91345  <a href="#">Click here for full text details</a>	CA FID UST HAZNET	S101618505 N/A
Relative: Lower	CA FID UST Status: A Facility Id: 19012792  HAZNET		

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CITY OF HOPE MISSION HILLS (Continued)

S101618505

GEPaid: CAL000410953

D14  
SE  
1/8-1/4  
0.229 mi.  
1207 ft.

HOLY CROSS MEDICAL CENTER  
15031 RINALDI ST  
MISSION HILLS, CA 91345

UST  
SWEEPS UST  
HIST UST  
U001567672  
N/A

Relative:  
Lower

[Click here for full text details](#)

UST

Facility Id: 24856

SWEEPS UST

Status: A  
Tank Status: A  
Comp Number: 345

HIST UST

Facility Id: 00000003966

15  
WSW  
1/4-1/2  
0.266 mi.  
1407 ft.

TERRIBLE HERBST OIL COMPANY  
11501 SEPULVEDA BLVD N  
MISSION HILLS, CA 91345

LUST  
HIST CORTESE  
S104160047  
N/A

Relative:  
Lower

[Click here for full text details](#)

LUST

Status: Pollution Characterization  
Status: Open - Eligible for Closure  
Facility Id: 913450325  
Global Id: T0603702299  
Global ID: T0603702299

HIST CORTESE

Reg Id: 913450325

16  
WNW  
1/4-1/2  
0.273 mi.  
1441 ft.

NORTH HILLS RECYCLING, INC.  
11700 BLUCHER AVENUE  
GRANADA HILLS (IN LOS ANGELES), CA

SWF/LF  
S108407544  
N/A

Relative:  
Lower

[Click here for full text details](#)

SWF/LF

Operational Status: Active  
Regulation Status: Permitted  
Facility ID: 19-AR-1232



MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
E17 WSW 1/4-1/2 0.327 mi. 1728 ft.	ROLL-OFFS 4 LESS 14801 RINALDI ST. GRANADA HILLS, CA 91344  <a href="#">Click here for full text details</a>	SWF/LF	S111076066 N/A
Relative: Lower	SWF/LF Status: Active Site ID: 336		
F18 NW 1/4-1/2 0.354 mi. 1869 ft.	SAN FERNANDO CALTRANS - LVTOP. 11930 BLUCHER AVENUE GRANADA HILLS (IN LOS ANGELES), CA  <a href="#">Click here for full text details</a>	SWF/LF	S107030101 N/A
Relative: Higher	SWF/LF Operational Status: Active Regulation Status: Notification Facility ID: 19-AR-1229		
E19 WSW 1/4-1/2 0.363 mi. 1916 ft.	CAREY WEHRLI 15540 RINALDI ST GRANADA HILLS, CA 91344  <a href="#">Click here for full text details</a>	LUST	S103065870 N/A
Relative: Lower	LUST Status: Case Closed Facility Id: 913440061 Global ID: T0603702293		
E20 WSW 1/4-1/2 0.363 mi. 1916 ft.	SHELL SERVICE STATION 15540 RINALDI STREET SUN VALLEY, CA 91344  <a href="#">Click here for full text details</a>	LUST HIST CORTESE	S105126324 N/A
Relative: Lower	LUST Status: Completed - Case Closed Global Id: T0603702293 Global Id: T0603794080		
F21 NW 1/4-1/2 0.367 mi. 1936 ft.	NORTH HILLS RECYCLING INC. 11700 BLUCHER AVE GRANADA HILLS, CA 91344  <a href="#">Click here for full text details</a>	SWF/LF HAZNET	S113119359 N/A
Relative: Higher	SWF/LF Status: Active		

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NORTH HILLS RECYCLING INC. (Continued)**

**S113119359**

Site ID: 2776

**HAZNET**

GEPAID: CAL000251937

**22**  
**ESE**  
**1/4-1/2**  
**0.390 mi.**  
**2059 ft.**

**GENESIS RECYCLING**  
**801 RINALDI ST STE R**  
**SAN FERNANDO, CA 91345**

**SWRCY S112161960**  
**N/A**

[Click here for full text details](#)

Relative:  
 Lower

**SWRCY**  
 Cert Id: RC164548.001

**23**  
**SE**  
**1/4-1/2**  
**0.397 mi.**  
**2094 ft.**

**LAUSD - NORTH VALLEY OCCUPATIONAL CNTR**  
**11450 N SHARP AVE**  
**MISSION HILLS, CA 91345**

**LUST S109117661**  
**N/A**

[Click here for full text details](#)

Relative:  
 Lower

**LUST**  
 Status: Completed - Case Closed  
 Global Id: T0603712781

**G24**  
**NW**  
**1/4-1/2**  
**0.413 mi.**  
**2182 ft.**

**NORTH HILLS RECYCLING INC., C&D**  
**11780 BLUCHER AVE.**  
**GRANADA HILLS (IN LOS ANGELES), CA**

**SWF/LF S113880124**  
**N/A**

[Click here for full text details](#)

Relative:  
 Higher

**SWF/LF**  
 Operational Status: Active  
 Regulation Status: Notification  
 Facility ID: 19-AR-1254

**G25**  
**NW**  
**1/4-1/2**  
**0.440 mi.**  
**2322 ft.**

**CALTRANS HIGHWAY MAINTENANCE STATION**  
**11930 N BLUCHER AVE**  
**LOS ANGELES, CA 91344**

**LUST S109117573**  
**AST N/A**

[Click here for full text details](#)

Relative:  
 Higher

**LUST**  
 Status: Completed - Case Closed  
 Global Id: T0603791230

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
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<b>H26</b> <b>ESE</b> <b>1/4-1/2</b> <b>0.456 mi.</b> <b>2407 ft.</b>	<b>TOSCO - 76 STATION #4713</b> <b>11550 LAUREL CANYON BL</b> <b>SAN FERNANDO, CA 91340</b>	<b>LUST</b>	<b>S103282015</b> <b>N/A</b>
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[Click here for full text details](#)

Relative:  
Lower

**LUST**  
 Status: Leak being confirmed  
 Status: Completed - Case Closed  
 Facility Id: R-11040  
 Global Id: T0603705005  
 Global ID: T0603705005

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<b>H27</b> <b>ESE</b> <b>1/4-1/2</b> <b>0.456 mi.</b> <b>2407 ft.</b>	<b>TOSCO S.S. #4713</b> <b>11550 LAUREL CNYN</b> <b>SAN FERNANDO, CA 91340</b>	<b>HIST CORTESE</b>	<b>S105026144</b> <b>N/A</b>
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[Click here for full text details](#)

Relative:  
Lower

**HIST CORTESE**  
 Reg Id: R-11040

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
CA	BROWNFIELDS	Considered Brownfields Sites Listing	State Water Resources Control Board	09/21/2017	09/21/2017	11/09/2017
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	06/30/2017	08/18/2017	09/21/2017
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	05/09/2017	07/26/2017	09/21/2017
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	09/21/2017	09/21/2017	10/13/2017
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	09/05/2017	09/06/2017	11/08/2017
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	08/02/2017	08/08/2017	10/16/2017
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2015	03/21/2017	08/15/2017
CA	ENF	Enforcement Action Listing	State Water Resources Control Board	08/18/2017	08/22/2017	10/24/2017
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	07/31/2017	08/01/2017	08/15/2017
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	07/21/2017	07/25/2017	10/17/2017
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	08/15/2017	08/22/2017	10/25/2017
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	05/30/2017	05/31/2017	08/15/2017
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2016	07/12/2017	10/17/2017
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	08/21/2017	08/22/2017	10/25/2017
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	10/10/2017	10/10/2017	10/17/2017
CA	ICE	ICE	Department of Toxic Substances Control	08/21/2017	08/22/2017	10/25/2017
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Quality Control Board	09/11/2017	09/12/2017	11/09/2017
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	08/31/2017	09/05/2017	11/08/2017
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	09/11/2017	09/12/2017	11/09/2017
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	09/11/2017	09/12/2017	11/09/2017
CA	MINES	Mines Site Location Listing	Department of Conservation	09/11/2017	09/12/2017	11/01/2017
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	09/01/2017	09/06/2017	11/08/2017
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	06/16/2017	06/20/2017	10/17/2017
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	08/14/2017	08/17/2017	10/17/2017
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	09/05/2017	09/06/2017	11/08/2017
CA	PROC	Certified Processors Database	Department of Conservation	09/11/2017	09/12/2017	10/18/2017
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	07/31/2017	08/01/2017	08/15/2017
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	07/31/2017	08/01/2017	08/15/2017
CA	SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	09/11/2017	09/12/2017	11/09/2017

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victori	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	08/14/2017	08/17/2017	09/21/2017
CA	SWRCY	Recycler Database	Department of Conservation	09/11/2017	09/12/2017	09/21/2017
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	01/20/2017	03/14/2017	05/03/2017
CA	UST	Active UST Facilities	SWRCB	09/11/2017	09/12/2017	11/08/2017
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	06/02/2017	06/06/2017	08/25/2017
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	07/31/2017	08/01/2017	08/15/2017
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	04/15/2015	04/17/2015	06/23/2015
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	04/22/2013	03/03/2015	03/09/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/25/2017	09/26/2017	10/20/2017
US	BRS	Biennial Reporting System	EPANTIS	12/31/2015	02/22/2017	09/28/2017
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	06/30/2017	08/03/2017	10/20/2017
US	CORRACTS	Corrective Action Report	EPA	09/13/2017	09/26/2017	10/06/2017
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	02/13/2017	02/15/2017	11/03/2017
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	Delisted NPL	National Priority List Deletions	EPA	05/30/2017	06/09/2017	09/15/2017
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	09/02/2017	09/06/2017	10/20/2017
US	EDR Hist Auto	EDR Exclusive Historic Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historic Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	09/18/2017	09/21/2017	10/13/2017
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	11/07/2016	01/05/2017	04/07/2017
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	05/15/2017	05/30/2017	10/13/2017
US	FINDS	Facility Index System/Facility Registry System	EPA	07/23/2017	09/06/2017	09/15/2017
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/31/2015	07/08/2015	10/13/2015
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/17/2017	08/17/2017	09/15/2017
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	12/23/2016	12/27/2016	02/17/2017
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	09/21/2017	09/21/2017	10/13/2017
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/14/2017	07/27/2017	10/06/2017
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	10/07/2016	01/26/2017	05/05/2017
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	10/14/2016	01/27/2017	05/05/2017
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/26/2017	07/27/2017	10/13/2017
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/24/2017	07/27/2017	10/06/2017
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/14/2017	07/27/2017	10/06/2017
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	05/01/2017	07/27/2017	10/13/2017
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/13/2017	07/27/2017	10/13/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/14/2017	07/27/2017	10/06/2017
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/25/2017	07/27/2017	10/13/2017
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	10/14/2016	01/27/2017	05/05/2017
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/26/2017	07/27/2017	10/06/2017
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	10/01/2016	01/26/2017	05/05/2017
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	05/02/2017	07/27/2017	10/06/2017
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/01/2017	07/27/2017	10/13/2017
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/13/2017	07/27/2017	10/13/2017
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	05/30/2017	06/09/2017	09/15/2017
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	07/11/2017	07/26/2017	10/13/2017
US	LUCIS	Land Use Control Information System	Department of the Navy	05/22/2017	06/13/2017	09/15/2017
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/30/2016	09/08/2016	10/21/2016
US	NPL	National Priority List	EPA	05/30/2017	06/08/2017	09/15/2017
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	06/01/2017	06/09/2017	10/13/2017
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	02/01/2011	10/19/2011	01/10/2012
US	PRP	Potentially Responsible Parties	EPA	10/25/2013	10/17/2014	10/20/2014
US	Proposed NPL	Proposed National Priority List Sites	EPA	05/30/2017	06/09/2017	09/15/2017
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	10/02/2017	10/05/2017	10/13/2017
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	09/13/2017	09/26/2017	10/06/2017

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	RMP	Risk Management Plans	Environmental Protection Agency	02/01/2017	02/09/2017	04/07/2017
US	ROD	Records Of Decision	EPA	09/27/2017	10/12/2017	10/20/2017
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	SEMS	Superfund Enterprise Management System	EPA	07/11/2017	07/21/2017	10/06/2017
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	07/11/2017	07/28/2017	10/06/2017
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2014	11/24/2015	04/05/2016
US	TSCA	Toxic Substances Control Act	EPA	12/31/2012	01/15/2015	01/29/2015
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	06/23/2017	10/11/2017	11/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	06/19/2017	06/20/2017	09/15/2017
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	07/13/2017	09/06/2017	10/06/2017
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	08/10/2017	08/30/2017	10/13/2017
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	05/10/2017	05/17/2017	09/15/2017
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	07/13/2017	09/06/2017	10/06/2017
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	08/10/2017	08/30/2017	10/13/2017
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	07/31/2017	08/30/2017	10/13/2017
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	10/25/2016	06/02/2017	10/13/2017
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	07/28/2017	08/18/2017	11/14/2017
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2016	04/11/2017	07/27/2017
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	10/01/2017	11/01/2017	11/13/2017
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2016	07/25/2017	09/25/2017
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2013	06/19/2015	07/15/2015
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	12/31/2016	04/13/2017	07/14/2017
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
CA	Daycare Centers	Sensitive Receptor: Licensed Facilities	Department of Social Services			
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
CA	State Wetlands	Wetland Inventory	Department of Fish & Game			
US	Topographic Map		U.S. Geological Survey			
US	Oil/Gas Pipelines		PennWell Corporation			
US	Electric Power Transmission Line Data		PennWell Corporation			



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
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### STREET AND ADDRESS INFORMATION

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

PROPOSED LAND ACQUISITION MISSION HILLS  
15149, 15151 & ADJACENT PARCEL MISSION HILLS ROAD  
MISSION HILLS, CA 91345

### **TARGET PROPERTY COORDINATES**

Latitude (North):	34.28208 - 34° 16' 55.49"
Longitude (West):	118.463863 - 118° 27' 49.91"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	365255.4
UTM Y (Meters):	3794207.5
Elevation:	1127 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	5636833 SAN FERNANDO, 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 principal 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).

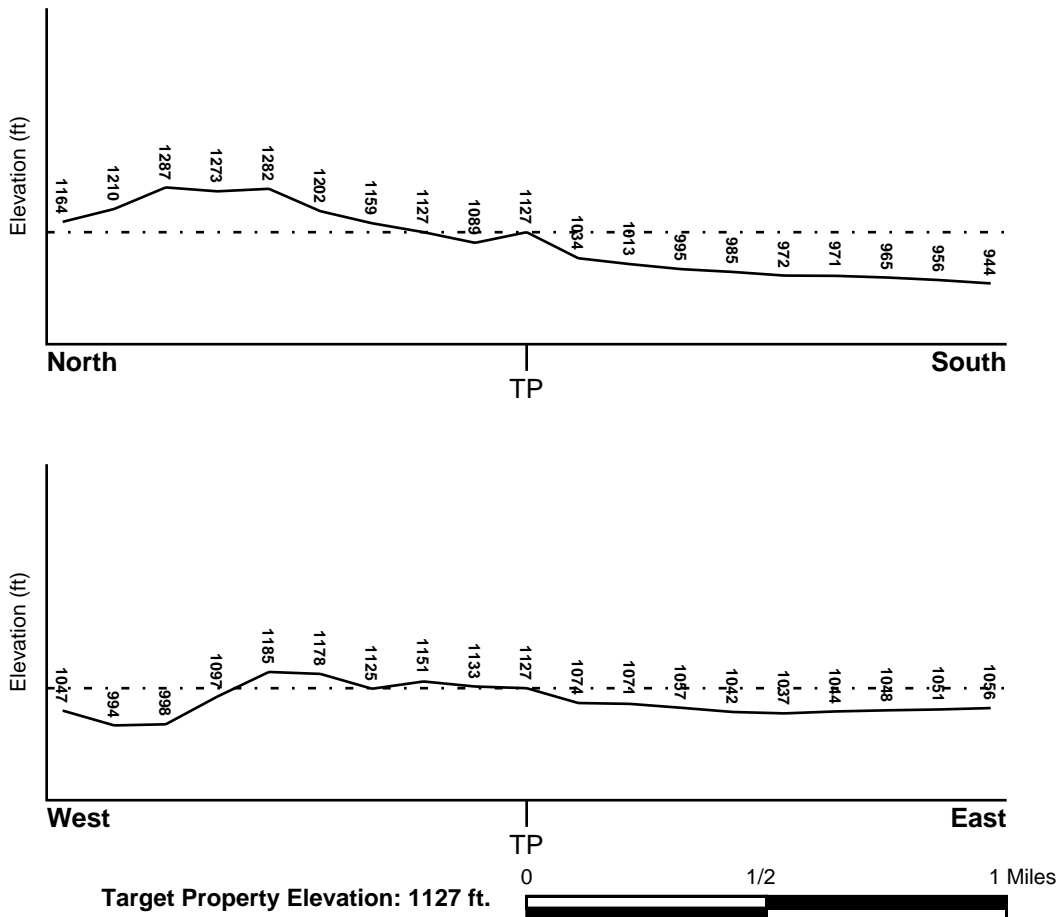
## TOPOGRAPHIC INFORMATION

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 SSE

## 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>
06037C1075F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
Not Reported	

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

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

### ***Site-Specific Hydrogeological Data\*:***

Search Radius:	1.25 miles
Status:	Not found

## **AQUIFLOW®**

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

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

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

#### **ROCK STRATIGRAPHIC UNIT**

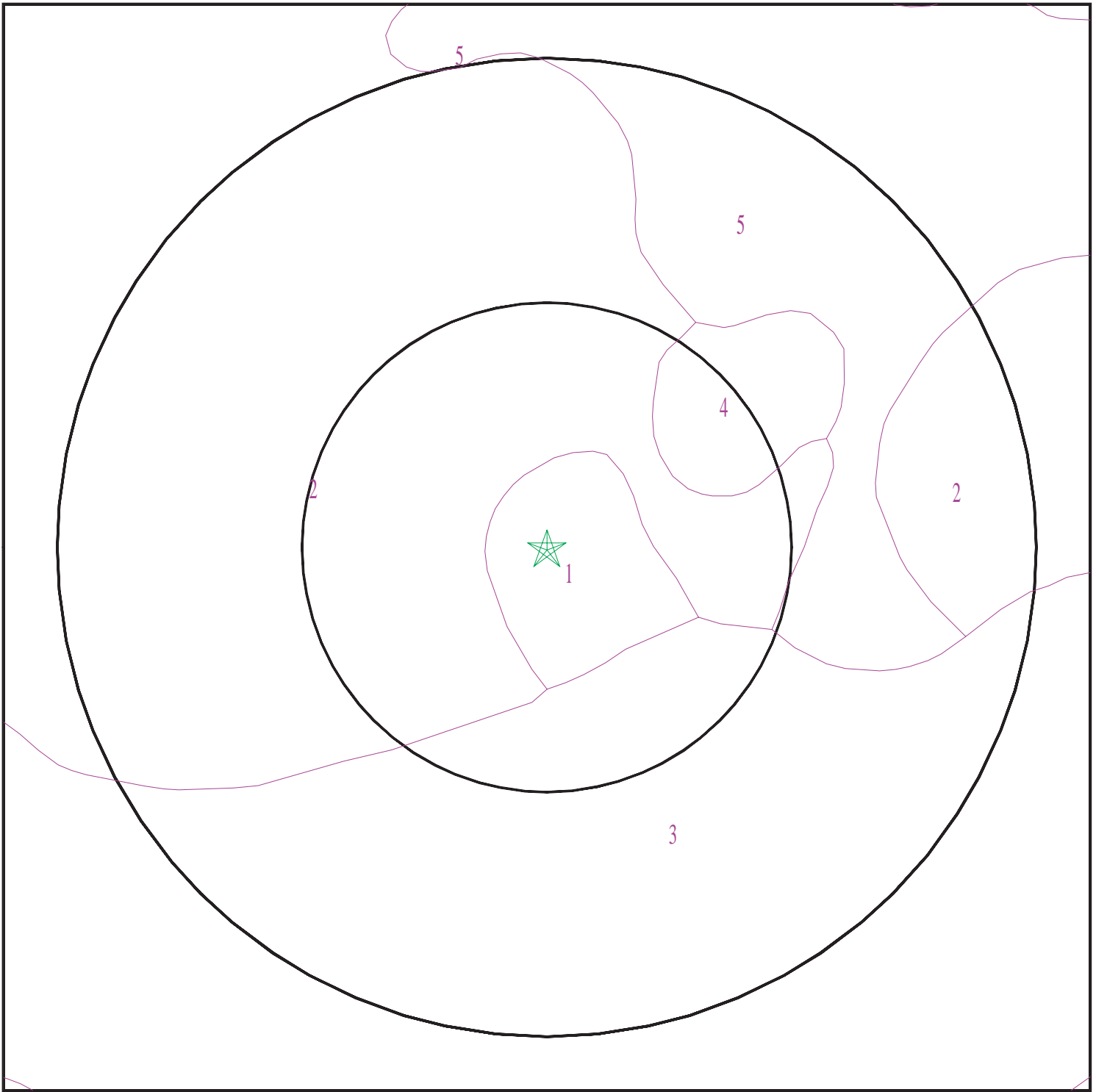
Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (*decoded above as Era, System & Series*)

#### **GEOLOGIC AGE IDENTIFICATION**

Category: Stratified Sequence

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

# SSURGO SOIL MAP - 5109258.2s



- ★ Target Property
- SSURGO Soil
- Water



SITE NAME: Proposed Land Acquisition Mission Hills  
ADDRESS: 15149, 15151 & Adjacent Parcel Mission Hills Road  
Mission Hills CA 91345  
LAT/LONG: 34.28208 / 118.463863

CLIENT: Ecobility Corporation  
CONTACT: Michael Mooradian  
INQUIRY #: 5109258.2s  
DATE: November 15, 2017 6:59 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: Balcom

Soil Surface Texture: silty clay 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	37 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
2	37 inches	40 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

#### Soil Map ID: 2

Soil Component Name: Gazos

Soil Surface Texture: silty clay 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: Moderate

Depth to Bedrock Min: > 82 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	27 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 5.6
2	27 inches	31 inches	unweathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

### Soil Map ID: 3

Soil Component Name: Chualar

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: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	18 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: 14 Min: 4	Max: 7.8 Min: 6.1

## 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	18 inches	70 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand.	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

**Soil Map ID: 4**

Soil Component Name: Soper

Soil Surface Texture: gravelly 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: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	11 inches	31 inches	cobbly sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1

## 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	31 inches	35 inches	weathered bedrock	Not reported	Not reported	Max: Min:	Max: Min:

**Soil Map ID: 5**

Soil Component Name: Cropley

Soil Surface Texture: clay

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:  
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	35 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	35 inches	64 inches	clay	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit 50% or more), Fat Clay.	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## 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>
A1	USGS40000142828	1/2 - 1 Mile NNE

## FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

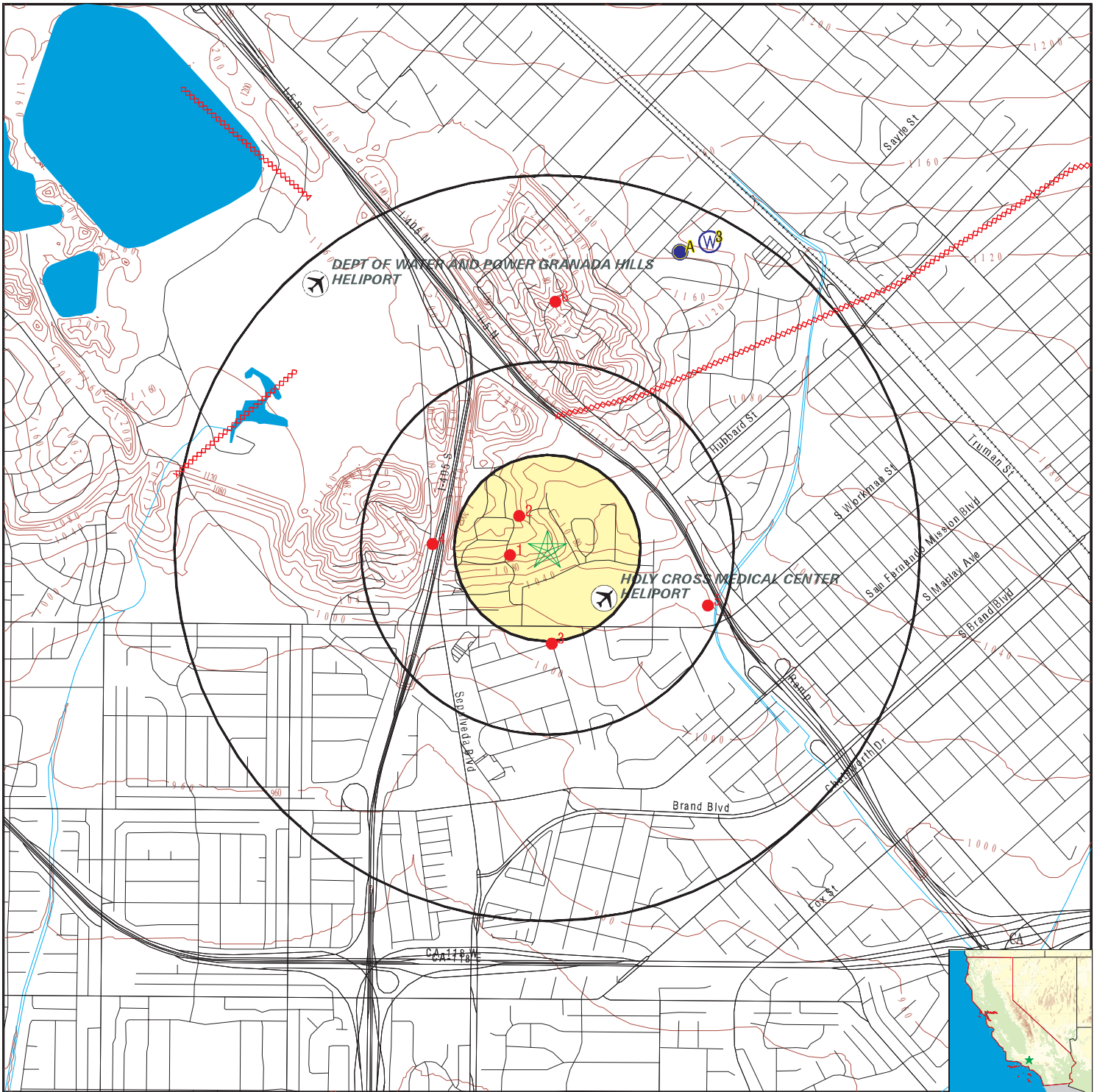
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	CADW60000005585	1/2 - 1 Mile NNE
3	CADW60000036052	1/2 - 1 Mile NNE

## OTHER STATE DATABASE INFORMATION

### STATE OIL/GAS WELL INFORMATION

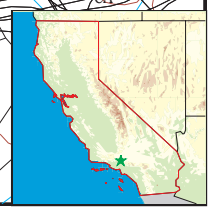
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG11000280870	0 - 1/8 Mile West
2	CAOG11000280871	0 - 1/8 Mile NW
3	CAOG11000283187	1/4 - 1/2 Mile South
4	CAOG11000280804	1/4 - 1/2 Mile West
5	CAOG11000281023	1/4 - 1/2 Mile ESE
6	CAOG11000280741	1/2 - 1 Mile North

# PHYSICAL SETTING SOURCE MAP - 5109258.2s



- 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: Proposed Land Acquisition Mission Hills  
 ADDRESS: 15149, 15151 & Adjacent Parcel Mission Hills Road  
 Mission Hills CA 91345  
 LAT/LONG: 34.28208 / 118.463863

CLIENT: Ecobility Corporation  
 CONTACT: Michael Mooradian  
 INQUIRY #: 5109258.2s  
 DATE: November 15, 2017 6:59 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation		Database	EDR ID Number
1 West 0 - 1/8 Mile	<a href="#">Click here for full text details</a>	OIL_GAS	CAOG11000280870
2 NW 0 - 1/8 Mile	<a href="#">Click here for full text details</a>	OIL_GAS	CAOG11000280871
3 South 1/4 - 1/2 Mile	<a href="#">Click here for full text details</a>	OIL_GAS	CAOG11000283187
4 West 1/4 - 1/2 Mile	<a href="#">Click here for full text details</a>	OIL_GAS	CAOG11000280804
5 ESE 1/4 - 1/2 Mile	<a href="#">Click here for full text details</a>	OIL_GAS	CAOG11000281023
6 North 1/2 - 1 Mile	<a href="#">Click here for full text details</a>	OIL_GAS	CAOG11000280741
A1 NNE 1/2 - 1 Mile Higher	<a href="#">Click here for full text details</a>	FED USGS	USGS40000142828
A2 NNE 1/2 - 1 Mile Higher	<a href="#">Click here for full text details</a>	CA WELLS	CADW60000005585
3 NNE 1/2 - 1 Mile Higher	<a href="#">Click here for full text details</a>	CA WELLS	CADW60000036052

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91345	21	0

Federal EPA Radon Zone for LOS ANGELES County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

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### Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> 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.

### RADON

#### State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

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.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

Airport Landing Facilities: Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### STREET AND ADDRESS INFORMATION

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**Appendix E:**  
**QUALIFICATIONS**

## **Susan Kirkgard Senior Geologist**

Susan Kirkgard has over 34 years of professional experience as an engineering and environmental geologist. Her experience includes scoping, performing and managing environmental site screenings and geological studies for CEQA/NEPA document preparation and master planning studies, sampling and analysis of soil vapor and groundwater, phase I Environmental Site Assessments, and remedial investigations. Her specific experience includes characterization of existing landfills, managing quarterly groundwater monitoring and sampling programs, existing oil well investigation and abandonment, soil-gas sampling and design mitigation for methane gas, groundwater monitoring and sampling in accordance with NDPEs, sites impacted with petrochemical contamination.

### **Select Experience**

- 512 Rose – Mixed-used development, Venice, CA - diesel-impacted soil and groundwater, groundwater well decommissioning, regulatory documentations and compliance, construction observation and testing (under construction)
- 2700 Figueroa Street – mixed-use development, Los Angeles, CA – former tire-repair and plating facility – limited phase II investigation construction observation and testing, methane investigation and design of methane mitigation system (under construction)
- Proposed Southwestern Law School – Student Housing Project – methane investigation, Phase I ESA and limited Phase II investigations (proposed construction date 2011)
- Anaheim Civic Center – Mixed-used development, Anaheim, CA – geotechnical investigation and limited environmental consultation regarding former underground storage tank (project completed circa 2006).
- Conoco-Phillips –Quarterly Monitoring and Sampling reports for over 50 sites in Southern and Northern CA.
- Proposed Student Housing Facility, Occidental College, Los Angeles, CA – groundwater monitoring and sampling in accordance with NPDES.
- Mariner’s Village, Marina Del Rey, CA – methane soil gas sampling
- Proposed Redevelopment of Existing Office Building - 1111 W. Sunset Boulevard, Los Angeles, CA – Phase 1 ESA of existing office building to be converted residential and commercial uses
- Existing Apartment Building - 676 Shatto Place, Los Angeles, CA – Phase 1 ESA
- Sunset and Gordon –Redevelopment of Old Spaghetti Factory, Hollywood, CA – Phase 1 ESA for proposed mixed-use development.
- Proposed Metropolitan mixed-use redevelopment site - 5825 West Sunset Boulevard, Hollywood, CA – Phase 1 ESA.

### **Credentials/Affiliations**

B.S., Geology, California State University, Los Angeles, 1984

Post-Graduate Studies in Engineering Geology, Applied Soils Stratigraphy and Paleoseismology, and Hydrogeology, California State University, Los Angeles, 1986 – 89

Certified Engineering Geologist, California #1754

Professional Geologist #5378

40-Hour Hazwoper Certified

Association of Environmental and Engineering Geology, Member

# **Michael M. Mooradian**

## **Principal Environmental Scientist**

### **PROFESSIONAL EXPERIENCE**

#### **August 2009 – Present – Ecobility Corporation**

Principal Environmental Scientist and Hydrologist. Responsible for Client Programs and Projects focusing on environmental due diligence, risk assessments and remediation programs, alternative energy recommendations, and hydrologic programs. Responsible for strategic planning, program development, and quality assurance. Participating as an ASTM committee member for Vapor Intrusion (ASTM E-2600) and in developing guidance for energy benchmarking. Mr. Mooradian has provided a wide range of hydrologic services to agricultural, mining, and industrial clients across California and Arizona. He has been on the forefront of assessing risks associated with pesticides, soil-gas and vapor intrusion testing and assessments, groundwater contaminant migration, and designing and managing remediation programs for sites with soil and/or groundwater contamination. Mr. Mooradian complements his technical expertise with his experience in commercial real estate and business management to provide clients with a pragmatic approach in developing environmental solutions.

#### **August 2008 – August 2009 – Private Consulting**

Providing business and technical consulting for various companies including conducting environmental site assessments for property transactions, strategic planning with Client teams regarding environmental conditions and their mitigation to minimize impacts to future property development. In addition, over the past year he has provided my services to a major environmental data provider in the development of online training for environmental professionals across the United States; provided technical consultation to public groups regarding potential impacts from a historic landfill in the Los Angeles area; and regular participation as a task force member for ASTM in developing “green” building and energy procedures for complying with new climate and energy regulations. Much of his work focused on providing consultation to both residential and commercial developers on the financial impacts of environmental conditions and guidance on streamlining regulatory processes to obtain development approvals.

#### **July 1995 - August 2008 – Professional Service Industries, Inc.**

Senior Vice President/Principal in Charge of Advanced Environmental Services. Top environmental position within PSI responsible for strategic planning, fee growth, technical advancement, business development, recruiting, and staff development across the United States. During his tenure, Mr. Mooradian was also responsible for all (18 profit centers) operations including environmental due diligence services, advanced environmental, industrial hygiene, geotechnical, facilities, and construction materials testing and inspection services in California, Arizona, and Hawaii.

Contributions include:

- Client and Program manager for key clients including U.S. Navy, Caltrans, mixed-use developers, municipalities, lenders, and industrial on properties that included transportation, military housing, mixed-use commercial/residential, programs, brownfield redevelopment, and manufacturing facilities.
- Designed and conducted environmental assessments, human health risk assessments, and mitigation measures and numerous unique projects including chlorinated solvent plumes in groundwater, chlordane and other chlorinated pesticide conditions in residential areas, arsenic mitigation in soils, petroleum spills from fueling stations and pipelines, and vapor intrusion from chlorinated solvents from dry cleaners to manufacturing.

- Strategic planning and budget development for services across the United States including projected revenues and expenses on a monthly basis used to establish targets for individual operations.
- Successfully entered PSI into the Military Privatization market through Client relationships including being awarded five military communities near Pearl Harbor, Hawaii. Served as program manager and principal investigator for environmental conditions on military housing projects in Hawaii, Utah, Alabama, and Illinois.
- Fee Growth of the service line by an additional 30% and recognition as the highest growth service line during the company's most profitable year in 2006,
- Restructuring of the Company's Quality of Service Program for environmental projects,
- Comprehensive Client Awareness and Staff Training Program for the 2005 implementation of EPA's All Appropriate Inquiries Rule and the new ASTM E 1527-05 standard for environmental due diligence projects,
- Program and market development of vapor intrusion services at PSI,
- Establishment of project authorization protocols for remediation projects using contractual, technical, financial, and liability criteria.

#### **1984-1995 – GeoResearch/GEOTEST, Long Beach, CA.**

President – founded company as an environmental consulting firm focused on providing clients with solutions to their environmental concerns rapidly and cost efficiently. The company provided services to private, public, and military clients concerned about environmental due diligence, regulatory compliance, and health risk due to natural and man imposed conditions in soil and groundwater. The company expanded to include California accredited laboratories marketed to competitor consulting firms under the GEOTEST brand. With a staff of over 100 the company became a leading consultant to major oil companies, the U.S. Navy, the Port of Long Beach, Caltrans, aerospace manufacturing and other industrial clients, along with disposal facilities, major oil companies, and commercial clients. Responsible for strategic leadership including technical expert, staff recruiting and mentoring, business development, finance, and the profit and loss of the company. Established and maintained offices in Hayward, San Luis Obispo, Fresno, Honolulu, San Diego, and headquartered in Long Beach, California. Major contributions include:

- Developing the infrastructure of human resources, accounting, purchasing, contracting, and legal review to develop a company of this size,
- Developed the first and largest fleet of mobile laboratories in California serving the entire state from a central dispatch point,
- Secured financing for the growth of the firm,
- Growing the firm to fees of over \$10 million annually,
- Established a repeat client based of both government and fortune 500 companies.

#### **1980-1984 - Fugro/Earth Technology Corporation, Long Beach, CA.**

Project Groundwater Hydrologist – Fugro/Earth Technology, a large national company, was a geotechnical firm specializing in large civil and military projects providing engineering, geology, and hydrology services. Served as primary investigator and project manager on a number of large-scale hydrologic projects in the western United States. Served as lead investigator and troubleshooter for projects across the United States. Responsibilities included technical design and implementation, Client development, and project profitability. Contributions in this position were largely project related and included:

- Project hydrologist in charge of aquifer tests to assess groundwater supplies for the construction and operation of the MX Missile System in Utah and Nevada
- Groundwater modeling team member mapping groundwater conditions associated with



storing high-level radioactive wastes in salt dome repositories in Mississippi, Louisiana, and east Texas

- Project Hydrologist in charge of design and construction supervision of high capacity water supply wells in the Oxnard Plain for both municipal and agricultural use
- Project Manager and Principal Investigator for assessing the groundwater basin, including developing a water budget, for the Santa Clara River to assess the impacts of sand and gravel mining Special Use and Conditional Use Permits on water supplies
- Project Hydrologist during the construction of the Palo Verde Nuclear Power Plant.
- Project Hydrogeologist for the preparation and first State of Wyoming approval for a new coal mine in the state.

## **EDUCATION**

Master of Science in Hydrology, University of Arizona, 1983

Master of Science in Environmental Health, California State University, Fresno, 1979

Bachelor of Arts in Psychology, University of California, Los Angeles, 1976

## **CERTIFICATIONS/REGISTRATIONS/TECHNICAL TRAINING**

Course Facilitator for Environmental Due Diligence 101 for Environmental Data Resources, Inc, - Since 2009

Leadership in Energy and Environmental Design (LEED) Accredited Professional, 2009, Specialty in Building Design and Construction.

Professional Geologist, #861, North Carolina, 1987

Registered Environmental Assessor I & II, #00213, California, 1987

Responsible Managing Officer qualifying Ecobility Corporation for California Contractor's A and C57 License

Underground Storage Tank (UST) Qualified, #C240-5617, Colorado, 1999

## **AFFILIATIONS/MEMBERSHIP**

2010 – current Environmental Committee Member for the City of Rolling Hills Estates, California

2009-2013 Board of Directors American Council of Engineering Companies (ACEC) – California, Los Angeles Chapter,

2009 Committee Member ASTM on Green Energy Due Diligence

2008 to present – Advisory Committee for the Department of Geological Sciences, California State University, Long Beach,

1980 to Present Member Association of Groundwater Scientists/Engineers (AGSE),

1990 to Present Department Advisory Committee, University of Arizona, Department of Hydrology,

2006 to 2008 Committee Member ASTM Committee on Vapor Intrusion,

2007 to 2013 Director American Council of Engineering Consultants (ACEC) - Los Angeles,

2005 to 2007 Past President, American Council of Engineering Consultants (ACEC) - Los Angeles Chapter,

1980 to 1983 Past Director of the Southwest for the American Water Resources Association.

## **PUBLICATIONS**

Mooradian, Michael, "The Impact of Urban Runoff: Assessment of the Potential for Groundwater Pollution as a Result of Urban Runoff in the Tucson Area," Pima Association of Governments, 208 Project, 1980.

Mooradian, Michael, "Landfill Leachate and Groundwater Quality Analysis: El Camino del Cerro Landfill," Pima Association of Governments, 208 Project, 1980.

Mooradian, Michael, "Landfill Leachate and Groundwater Quality Analysis: Ina Road Landfill,"

Pima Association of Governments, 208 Project, 1980.  
Mooradian, Michael, "Feasibility of Artificial Recharge in the Salt River Valley," Groundwater Recharge Symposium, Salt River Project, 1978.

Michael Mooradian has a Bachelor of Arts Degree in Psychology from UCLA, a Master of Science Degree in Environmental Health from California State University, Fresno, and a Master of Science Degree in Hydrology and Water Resources Administration from the University of Arizona. He has over 30 years of experience in working on assessing and mitigating environmental concerns on properties throughout the United States. He conducted his first Phase I Environmental Site Assessment in 1986.

## **Appendix F:**

# **ADDITIONAL DOCUMENTATION**

## USER QUESTIONNAIRE 1 OF 2

Pursuant to ASTM E 1527-13 Appendix X.3, in order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must provide the following information (if available) to the environmental professional. Failure to provide the information could result in a determination that "all appropriate inquiry" is not complete. This form represents a type of interview and as such, the user has an obligation to answer all questions in good faith, to the extent of his or her actual knowledge.

1. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?  
 No     Yes If yes, please explain.
2. Are you aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?  
 No     Yes If yes, please explain.
3. As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?  
 No     Yes If yes, please explain.
4. Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?  
 No     Yes If yes, please explain. *Fair Market Value*
5. Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user: (a) Do you know of the past uses of the property?; (b) Do you know of specific chemicals that are present or were once present at the property?; (c) Do you know of spills or other chemical releases that have taken place at the property?; (d) Do you know of any environmental cleanups that have taken place at the property?  
 No     Yes If yes, please explain.
6. As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?  
 No     Yes If yes, please explain.

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November 2, 2017  
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## USER QUESTIONNAIRE 2 OF 2

### Proceedings Involving the Property

Pursuant to ASTM E 1527-13 §10.9, as the user of this ESA do you know of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property; and (3) any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?

No       Yes If yes, please explain.

### Helpful Documents Checklist

Pursuant to ASTM E 1527-13 §10.8, do you know whether any of the following documents exist related to the subject properties, and if so, whether copies can and will be provided to Ecobility for review? Check all that apply.

- Environmental site assessment reports
- Environmental compliance audit reports
- Environmental permits (for example solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, underground injection permits)
- Registrations for above or underground storage tanks
- Registration for underground injection systems
- Material safety data sheets
- Community right-to-know plan
- Risk assessments
- Safety plans; preparedness and prevention plans; spill prevention, countermeasure and control (SPCC) plans; etc.
- Reports regarding hydrogeologic conditions on the property or surrounding area *see attachment*
- Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property
- Hazardous waste generation notices or reports
- Geotechnical studies
- Recorded activity and land use limitations (AULs)

Otto J. Klingler, MD  
Name (Authorized User Representative)

Owner  
Title

*[Signature]*  
Signature

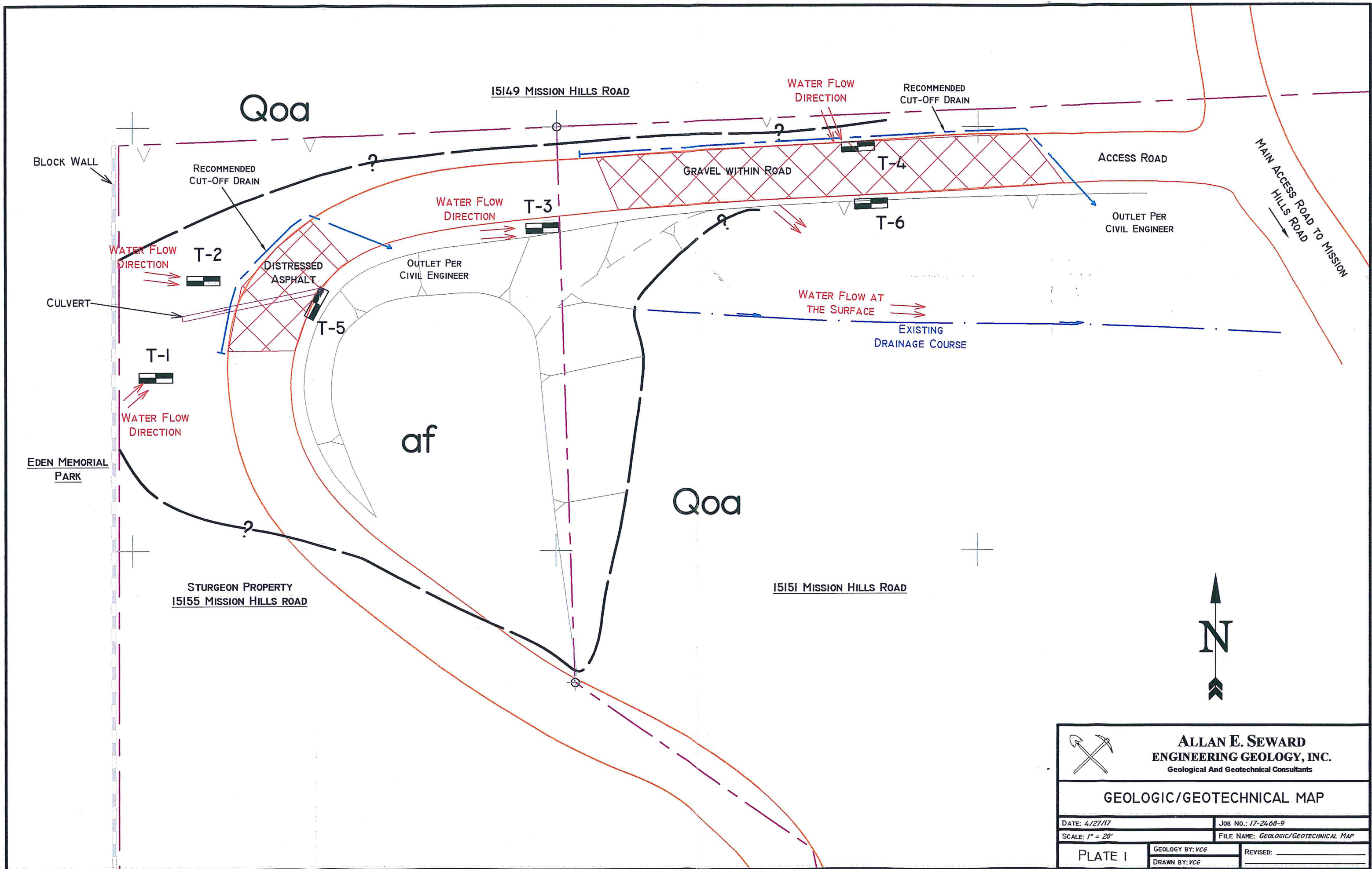
11-22-17  
Date


Please return this form along with the signed and completed Proposal Authorization & Payment Instructions and Contact Information forms, all of which are a part of this proposal, to Ecobility as your authorization to begin work on this project.

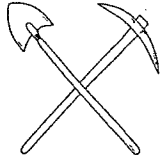
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 <p><b>ALLAN E. SEWARD ENGINEERING GEOLOGY, INC.</b> Geological And Geotechnical Consultants</p>	
<b>GEOLOGIC/GEOTECHNICAL MAP</b>	
DATE: 4/27/17	JOB No.: 17-2468-9
SCALE: 1" = 20'	FILE NAME: GEOLOGIC/GEOTECHNICAL MAP
<b>PLATE I</b>	GEOLOGY BY: VCG DRAWN BY: VCG
REVISED: _____	



**ALLAN E. SEWARD**  
**ENGINEERING GEOLOGY, INC.**  
Geological And Geotechnical Consultants

April 27, 2017

Job No: 17-2468-9

Mr. Harold P. Sturgeon  
15155 Mission Hills Road  
Mission Hills, CA 91345

**Subject:** **GEOLOGIC AND GEOTECHNICAL REPORT**  
*Investigation of Existing Ground Water Conditions and Distressed Access Road to Residence*

**Project:** 15155 Mission Hills Road  
Mission Hills, California

Dear Mr. Sturgeon:

This report presents the results of our geologic and geotechnical evaluation of the existing ground water conditions at the project site and associated distress to the residence access road, and provides conclusions and remedial recommendations relative to site drainage and access road improvements. Our conclusions and recommendations are based on observations, measurements, and pertinent data collected by this firm during the current phase of work.

**1.0 SCOPE OF WORK**

Our scope of work included the following tasks:

1. Review of published maps and reports in the general area of the subject site.
2. Review of available Geologic/Geotechnical reports and data in our files prepared by this firm and others for projects within the vicinity of the subject site.
3. Review of the County of Los Angeles Assessor's Map of the project site (APN 2664-022-019) to determine the approximate location of property boundaries.
4. On-site geologic/geotechnical reconnaissance on April 5, 2017, including observation and documentation of observed ground water conditions and reported distress to the access road.
5. Coordination with Underground Service Alert to obtain clearance from potentially impacted utilities prior to the subsurface exploration.



6. Preparation of a Geologic/Geotechnical Map utilizing property lines from the assessor's parcel map as a base to document observed geologic and geotechnical conditions.
7. Geologic logging of six (6) exploratory trenches excavated using a rubber-tire backhoe in the areas of the distressed access road to document the existing subsurface conditions and assess direction of water flow.
8. Collection of samples from the trench excavations and laboratory testing to document the density, moisture content and classification of in-situ soils.
9. Preparation of this report and associated figures.

## **2.0 SITE DESCRIPTION**

The subject access road to the residence is off of a main access road to the east of the property that connects with Mission Hills Road to the south. Review of the assessor's map indicates that the access road crosses the adjacent property, 15151 Mission Hills Road, prior to entering your property. The access road low point is at the "T" intersection with the main access road and ascends to the west. The access road is approximately 10 feet wide and generally consists of asphalt. It is distressed on the adjacent property where it has been infilled with gravel material. It is distressed on a portion of your property where the road curves towards your residence.

A roughly east-west trending drainage swale/draw is located south of the eastern portion of the access road, within the adjacent property. The western extension of the drainage swale onto your property is indiscernible due to prior grading activities that have modified the topography. The original drainage swale is concealed by fill material and was likely located at the vicinity where the existing drain pipe/culvert crosses beneath the access road. This natural drainage swale likely extends offsite into Eden Memorial Park to the west, however grading has also modified the topography. Overall, site drainage is generally towards the east and southeast.

## **3.0 FIELD EXPLORATION AND LABORATORY TESTING**

### **3.1 Surface Mapping and Preparation of a Base Map**

Surface geologic mapping and aerial photo interpretations were undertaken by personnel from Allan E. Seward Engineering Geology Inc. (AESEGI). This data was used in conjunction with property line locations obtained from the assessor's parcel map to prepare the appended Geologic/Geotechnical Map. This map does not constitute a survey of the property but was prepared to illustrate the access road alignment, existing geologic and

geotechnical conditions, existing slopes, locations of subsurface explorations relative to distressed portions of the access road and remedial recommendations.

### **3.2 Subsurface Investigation**

Our subsurface investigation consisted of the excavation, logging and sampling of six trenches (T-1 through T-6) to a maximum depth of 5.5 feet on 4/14/2017. The trenches were excavated by Barkley Engineering using a rubber-tire backhoe and were logged and sampled by a Certified Engineering Geologist from this firm. Following completion of logging, the trenches were backfilled with the excavated materials. The locations of the trenches are shown on the Geologic/Geotechnical Map (**Plate I**).

The Trench Logs included in **Appendix A** represent our interpretation of field data encountered at each location by our geologic/engineering staff at the time of excavation, along with refinements based on observations and laboratory test results. The distribution and engineering characteristics of materials in adjacent areas may vary from those observed in the explorations.

### **3.3 Sampling Procedures**

Modified California Drive ring samples were obtained in the trenches at various depths (see logs in **Appendix A**). Recovered soil samples were sealed in plastic containers and brought to our laboratory for further classification and testing. Bulk (disturbed) samples of soils were obtained from cuttings developed during excavation of the exploratory trenches. The bulk samples were collected for classification and testing purposes and represent a mixture of soils within the noted depths.

### **3.4 Laboratory Program**

Soil samples were visually classified in the field. Thereafter, the samples were brought to our laboratory, the visual soil classifications were checked using visual-manual procedures (ASTM Standard Practice D2488), and the trench logs were reviewed in order to select soil samples for testing.

The laboratory testing program included the following tests on selected samples of on-site soils: moisture content (ASTM Test Method D2216), dry density (ASTM Test Method D7263), and particle-size distribution of soils using sieve analysis (ASTM Test Method D6913).

Based on laboratory test results the soil sample classifications were further refined per the Unified Soil Classification System (ASTM Standard Practice D2487). The results of the field investigation and the laboratory tests were used as the basis for our analyses and

recommendations presented in this report. Laboratory test results are presented on the trench logs and in **Appendix A**.

#### **4.0 GENERALIZED GEOLOGIC/GEOTECHNICAL SUBSURFACE CONDITIONS AND SOIL PROPERTIES**

##### **4.1 Geologic Units**

A general description of geologic units, including older alluvium and artificial fill are presented below. Distribution of these units is shown on the Geologic/Geotechnical Map (**Plate I**).

###### **4.1.1 Older Alluvium (Qoa)**

The older alluvium consists of medium to dense yellowish-brown to yellowish-to rusty brown sand, silty sand and pebbly sand with scattered cobbles and boulders. The older alluvium was observed in Trenches T-2, T-4 and T-5 beneath the artificial fill.

###### **4.1.2 Artificial Fill (af)**

Non-compacted artificial fill is present in the vicinity and beneath the access road (see Geologic/Geotechnical Map). The fill material consists of light to medium yellowish-brown, dark-brown, and dark-gray to black silty, clayey sands. Through personal communication with Mr. Howard Sturgeon, the artificial fill was imported from various off-site locations. The thickness of fill encountered in our explorations ranged from 2 ft to 4.75 ft. The measured in-situ dry densities are 109 and 111 pcf with moisture contents of 18.8 and 17.1 percent, respectively. Based on an estimated laboratory maximum dry density of 130 pcf, which is considered representative for the material type (SC-SM) when compacted in accordance with ASTM Test Method D1557, the relative compaction of the artificial fills do not meet the industry standard of 90 percent.

##### **4.2 Ground Water**

Ground water was encountered within each trench excavation at depths ranging from the ground surface (Trench T-6) to 2.5' below ground surface. Strong flows of water were observed flowing out of the excavation sidewalls in Trenches T-1, T-2 and T-3.

#### **5.0 FINDINGS AND CONCLUSIONS**

1. Undocumented artificial fill was previously placed beneath and adjacent to the access road. The outlet and inlet of an existing culvert that extends beneath the westerly portion of the access road, presumably to collect and direct surface water within the natural drainage area beneath the access road, was buried by the artificial fill, rendering it non-

functional. Both ends of this culvert drain were located during our investigation and left open to allow water to drain.

2. The direction of flow of surface water and groundwater is within and toward the natural drainage swale. The natural drainage swale has been modified by prior grading activities, which are restricting the flow of water along its original course.
3. Field observation during the excavation of Trenches T-2, T-4 and T-5 indicate that ground water was ponding on top of the older alluvium deposits.
4. The artificial fill, where encountered in the vicinity of the access road, is wet to saturated and is opined to have a relative compaction that is less than the industry standard of 90 percent of the laboratory maximum dry density.
5. Eden Memorial Park is located to the west of the property. It is likely that surface runoff and infiltration of landscape water from Eden Memorial is contributing to the flow of groundwater observed to be following the natural drainage swale at the project site.
6. Based on site observations, it is our professional opinion that the access road is yielding under soft, wet subgrade soils that are seasonally impacted by surface and subsurface water associated with the natural drainage course. This water is considered to be the causative factor of the distress to the access road.

## 6.0 RECOMMENDATIONS

The following recommendations are based on observations made during our subsurface investigation and results of our evaluation.

### 6.1 Grading and Drainage

- Grades should be modified, as needed, to achieve positive surface drainage away from the access road and prevent ponding of water and minimize water infiltration adjacent to the road. Surface runoff water should be conducted beneath the access road and directed to the natural drainage course to the south and east of the access road via non-erodible drainage devices. Surface grades at the vicinity of the existing culvert inlet should be modified to direct drainage towards the culvert.
- Water migrating toward the access road from the north and west may be cut off to reduce the amount of water flowing over and through distressed portions of the access road. This may be accomplished by constructing a gravel cutoff drain (see appended Construction Detail, **Figure 2**) along the north and west sides of the access road adjacent to the distressed areas. The cutoff drain should extend at least three feet beneath the soil subgrade and covered with 12 inches of compacted fill. A 4-inch

diameter perforated PVC pipe located at the base of the gravel should be used to collect water and direct the water to a non-perforated PVC pipe extending beneath the access road to a suitable discharge location per the recommendation of a civil engineer.

- A Civil Engineer should be consulted prior to altering the site grading and drainage. Remedial measures to improve site drainage, including modification to site grades, restoring functionality of the existing culvert, or construction of new drainage devices, should be designed and constructed in compliance with current City of Los Angeles Codes.

## 6.2 Access Road Improvements

It is our professional opinion that the most cost-effective remedial recommendations to repair the distressed access road and provide long-term performance is to remove the existing subgrade soils to a depth of 20 inches, stabilize the exposed subgrade with geotextile reinforcement, and replace the excavated soils with 8 inches of compacted aggregate subbase to facilitate drainage, and an additional 12 inches of base course to support traffic loads. The access road section is illustrated on **Figure 2**.

The following recommendations for design and construction of the improvements are based on the assumption that the access road will remain unpaved with no permanent surfacing such as concrete or asphalt concrete.

### 6.2.1 Subgrade Preparation

All surfaces shall be prepared by removing organics (vegetation), topsoil, debris, existing artificial fills, and other unsuitable material shall be removed, and excavating to the planned subgrade elevation (i.e. 20 inches below existing grade). If very soft or saturated subgrade soils are exposed, light equipment with low ground contact pressure may be required to minimize subgrade disturbance. Spreading and compacting of ¾-inch crushed rock (per SSPWC Section 200-1.2) into unstable subgrades may also be performed to facilitate temporary stabilization for construction purposes. The prepared subgrade surface should be relatively level and smooth, with no significant humps or depressions. Prior to placement of geotextiles the prepared subgrade should be observed by the Geotechnical Engineer.

### 6.2.2 Geotextile Reinforcement

A geotextile (TenCate® Mirafi RS280i, or equivalent) that is engineered to provide subgrade reinforcement and base course confinement, while also maintaining separation, filtration and drainage, should be selected for the subject application. The geotextile shall be placed directly on the prepared subgrade and unrolled so that the long axis is in

the direction of construction traffic patterns. Adjacent rolls (typically 15 to 17 feet in width), if needed, should be overlapped at least 24 inches, but no more than 36 inches. The geotextile should be flat and tight with no folds or wrinkles. Soil mounds or landscaping staples may be used to hold the geotextile in place.

#### 6.2.3 Aggregate Subbase

An 8-inch thick layer of open-graded aggregate subbase should be placed and spread directly over the geotextile to facilitate drainage. The subbase material should be a washed crushed rock with no more than 1 percent passing the No. 200 sieve size and in conformance with the gradation requirements of ASTM No. 2 base, as specified in ASTM Test Method D448 (or approved equivalent). The subbase should then be densified using lightweight compaction equipment, such as a steel-drum roller weighing less than 5,000 pounds. The roller should be operated in static mode only to minimize potentially destabilizing pore water pressures from developing in saturated subgrade soils. Following densification, a second layer of geotextile reinforcement shall be placed on the level aggregate subbase.

#### 6.2.4 Base Course

A base course shall be placed and spread in one horizontal lift over the second layer of geotextile reinforcement. The base course should comply with specifications for untreated crushed aggregate base (CAB), crushed miscellaneous base (CMB), or processed miscellaneous base (PMB), as defined Section 200-2 of the current Standard Specifications for Public Works Construction "Greenbook", or aggregate base (AB-Class 2) as defined in Section 605.3 of the current Caltrans Highway Design Manual.

The base material shall be watered as required to facilitate compaction, then spread and compacted to at least 95 percent of Maximum Dry Density, per ASTM Test Method D1557. The compacted thickness of the base course shall be at least 12 inches.

### 7.0 LIMITATIONS

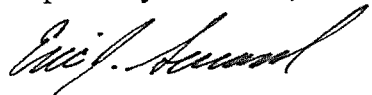
This report has been prepared for the exclusive use of Mr. Harold Sturgeon and his design consultants for the specific site discussed herein. This report should not be considered transferable. Prior to use by others, we should be notified, as additional work may be required to update this report.

In performing these professional services, this firm has used the degree of care and skill ordinarily exercised, under similar circumstances, by reputable engineering geologists and geotechnical engineers practicing in this or similar localities. The analyses and interpretations presented in this report have been based on the results of pertinent field and

laboratory testing. It should be recognized that subsurface conditions can vary in time and laterally and with depth at a given site and that the conclusions and recommendations presented in this report are based on the data available and our interpretation of the data based on our experience and background. Therefore, our **conclusions** and **recommendations** are **professional opinions** and are **not meant** to be a control of nature. We make other **no warranty**, either **expressed** or **implied**.

This opportunity to be of service is appreciated. If you have any questions regarding this report, please give us a call.

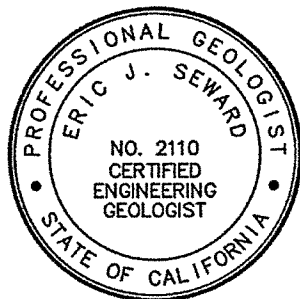
Respectfully submitted,



Eric J. Seward, CEG 2110  
Principal Engineering Geologist  
Vice President



Kevin P. Callahan, MS, GE 2989  
Principal Geotechnical Engineer



The following attachments and appendix completes this report.

References

**APPENDIX A**

- Test Pits (T-1 thru T-6) & Key to Symbols
- Particle-Size Analysis Test Report
- Construction Detail – Cut-off Drain
- Geologic/Geotechnical Map (1"=20'), Plate I

Figure 1  
Figure 2  
(in pocket)

**Distribution:** Mr. Harold Sturgeon

(3 hardcopies and PDF format)

## REFERENCES

### Published

- Dibblee, T.W., Jr., 1991, Geologic Map of the San Fernando and Van Nuys (North ½) Quadrangles, Los Angeles County, California: Dibblee Geological Foundation, Map #DF-33.
- Hitchcock, C.S., and Willis, C. J., 2000, Quaternary Geology of the San Fernando Valley, Los Angeles County, California: California Department of Conservation Division of Mines and Geology Map Sheet 50.















# SOIL CLASSIFICATION CHART


MAJOR DIVISIONS		SYMBOLS	TYPICAL DESCRIPTIONS
GRAVEL AND GRAVELLY SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)	GRAPH LETTER	DESCRIPTIONS
COARSE GRAINED SOILS	CLEAN GRAVELS (LITTLE OR NO FINES)	GW	Well-graded gravels, gravel-sand mixtures, little or no fines
	MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE SIZE	GP	Poorly-graded gravels, gravel-sand mixtures, little or no fines
SAND AND SANDY SOILS	GRAVELS WITH FINES (APPRECIABLE AMOUNT OF FINES)	GM	Silty gravels, gravel-sand-silt mixtures
	CLEAN SANDS (LITTLE OR NO FINES)	GC	Clayey gravels, gravel-sand-clay mixtures
	SANDS WITH FINES (APPRECIABLE AMOUNT OF FINES)	SW	Well-graded sands, gravelly sands, little or no fines
	MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE SIZE	SP	Poorly-graded sands, gravelly sands, little or no fines
FINE GRAINED SOILS	MORE THAN 50% OF MATERIAL IS LARGER THAN NO. 200 SIEVE SIZE	SM	Silty sands, sand-silt mixtures
	SILTS AND CLAYS	SC	Clayey sands, sand-clay mixtures
		LIQUID LIMIT LESS THAN 50	ML
	SILTS AND CLAYS	CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, lean clays
		LIQUID LIMIT GREATER THAN 50	OL
HIGHLY ORGANIC SOILS	SILTS AND CLAYS	MH	Inorganic silts, micaceous or diatomaceous fine, sandy or silty silts, elastic silts
		CH	Inorganic clays of high plasticity, fat clays
	HIGHLY ORGANIC SOILS	OH	Organic clays of medium to high plasticity, organic silts
		PT	Peat and other highly organic soils


**Notes:**


- Dual USCS symbols, such as SP-SM, denote 5 to 12% of minor constituent.
- Dual USCS symbols, such as SM/ML, denote borderline soil classifications.
- Subsurface information from boring and test pit logs depict conditions only at the specific locations, and dates indicated. Soil conditions and water levels at other locations may differ from conditions at these locations. Also, the conditions at these locations may change with time.
- Blow counts on logs are the number of blows to drive the sampler with the weight and drop height indicated on each log.
- Split-barrel sampler driving record applies only to hollow-stem-auger and rotary-wash borings.
- These logs are subject to the limitations, conclusions, and recommendations in this report.


HS: Hollow-stem-auger boring  
 RW: Rotary-wash boring  
 B: Bucket-auger boring


**SAMPLE TYPE**


 STANDARD PENETRATION TEST  
 Split barrel sampler in accordance with ASTM D-1586 Test Method

 CALIFORNIA DRIVE  
 Split-barrel sampler in accordance with ASTM D-3550 Test Method


 DISTURBED CALIFORNIA DRIVE


 SHELBY TUBE  
 Thin-walled sampler in accordance with ASTM D-1587 Test Method

 BULK SAMPLE

 NO RECOVERY

**GROUND WATER DATA**

 GROUND WATER WHILE DRILLING

 GROUND WATER AFTER DRILLING

**DENSITY OF GRANULAR SOILS**

DESCRIPTION	SPT BLOWS PER FOOT
Very Loose	< 4
Loose	4 - 10
Medium Dense	11 - 30
Very Dense	31 - 50
	> 50

**STRENGTH OF COHESIVE SOILS**

CONSISTENCY	SPT BLOWS PER FOOT
Very Soft	< 2
Soft	2 - 4
Firm	5 - 8
Stiff	9 - 15
Very Stiff	16 - 30
Hard	> 30

**SPLIT-BARREL SAMPLER DRIVING RECORD**

BLOW COUNT	DESCRIPTION
25	25 blows drove the sampler 12 inches, after initial 6 inches of seating
50/7"	50 blows drove the sampler 7 inches, after initial 6 inches of seating
Ref/3"	50 blows drove the sampler 3 inches during initial 6-inch seating interval

**LABORATORY TESTING ABBREVIATIONS**

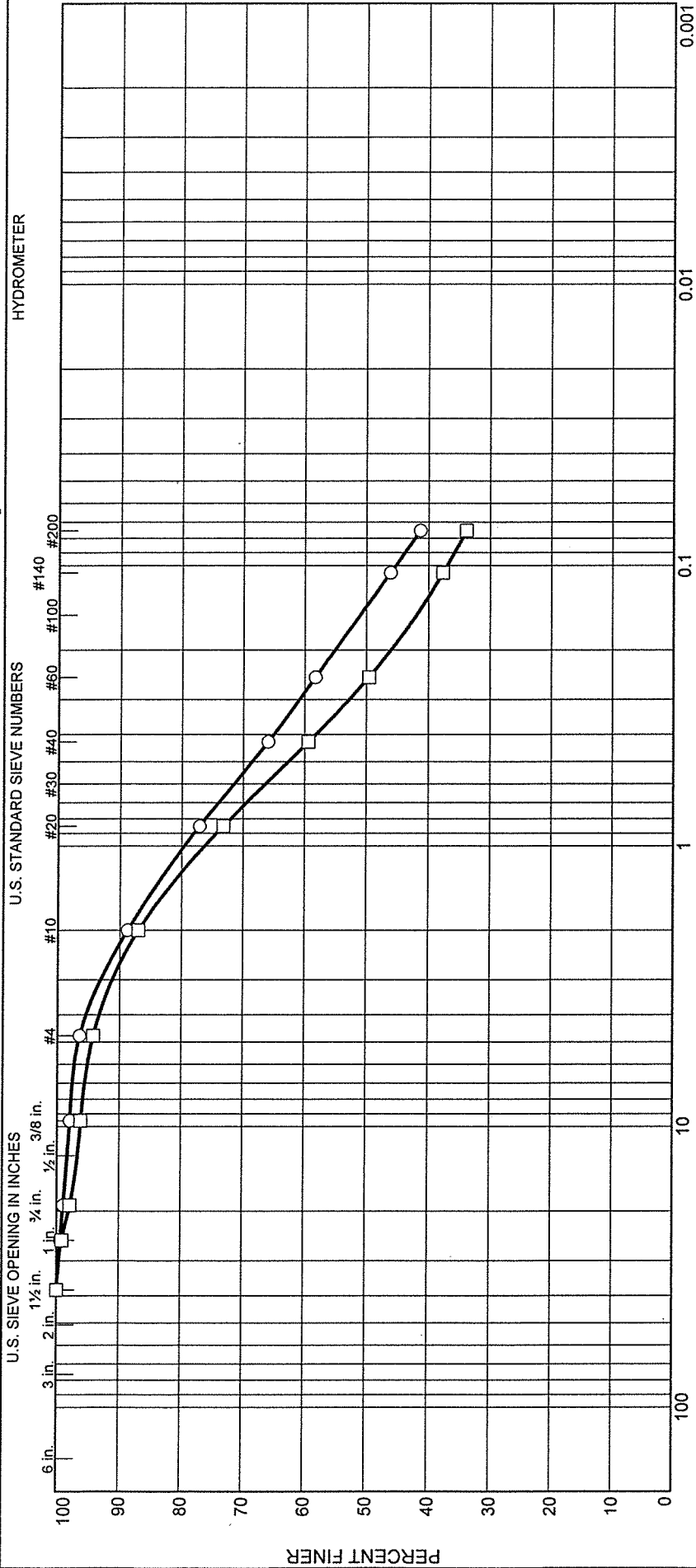
Plasticity Index	PI	Compaction Curve	Curve=A
Liquid Limit	LL	Consolidation / Collapse	Consol
Hydrometer	%-5 micron	Direct Shear / Reshear	Shear Test
Expansion Index	EI	Reshear / Remold	
Corrosivity Analysis	Cor		



**ALLAN E. SEWARD**  
**ENGINEERING GEOLOGY, INC.**  
 Geological and Geotechnical Consultants

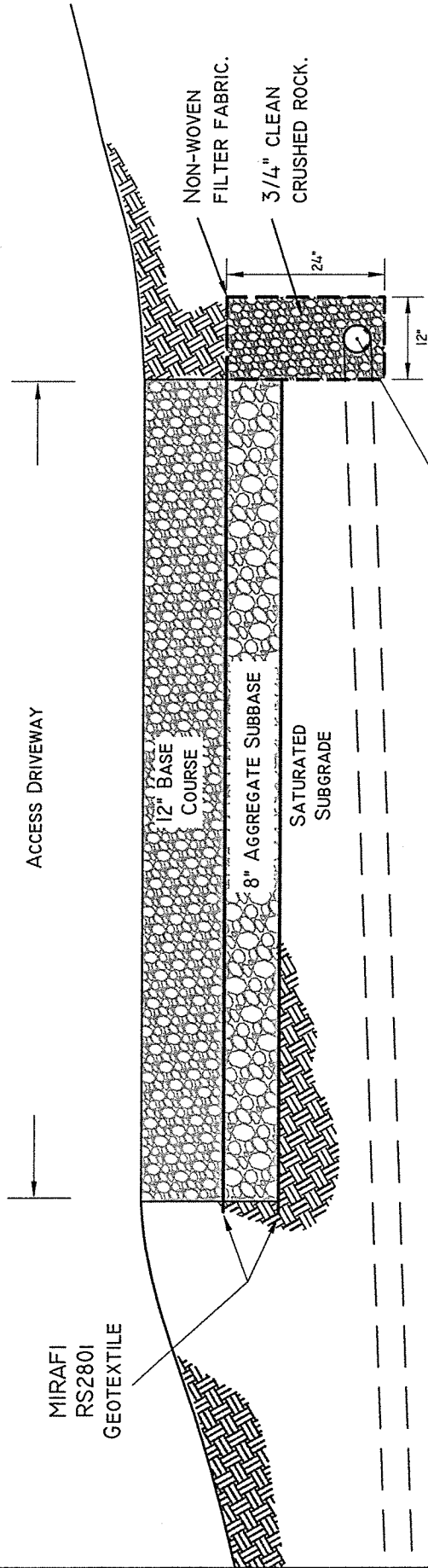
**USCS Soil Classification and Key to Boring Log Symbols**

# Particle Size Distribution Test Report





NOT TO  
SCALE



4" (MIN.) DIAMETER PERFORATED PVC  
PIPE (SCH 40 OR EQUIVALENT) WITH  
PERFORATIONS ORIENTED DOWN. AT  
LEAST 3" OF DRAINAGE ROCK AROUND  
PIPE. MIN. 1% GRADIENT TO SUITABLE  
OUTLET DETERMINED BY THE CIVIL  
ENGINEER.



**ALLAN E. SEWARD**  
**ENGINEERING GEOLOGY, INC.**  
Geological and Geotechnical Consultants

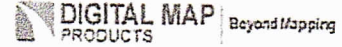
### CUT-OFF DRAIN DETAIL

JOB No.: 17-2468

DATE: 4/27/17

FIGURE: 2

# Property Detail Report for:



MISSION HILLS, CA, 91345-

*"LOWER LAND #1"*

### Owner Information:

Owner Name: KLINGER, OTTO J KLINGER FAMILY TRUST  
 Mailing Address: PO BOX 950999, MISSION HILLS, CA, 91395-0999  
 Vesting Code: TRUST Phone Number:

### Location Information:

Legal Description: LOT COM SW ON SE LINE OF LOT 3 TR # 3660, 60.82 FT AND N 28 52'30 W 150 FT AND S 81 16'30 W 370.17 FT FROM MOST E COR OF SD  
 County: LOS ANGELES FIPS Code: 06037 Census Trct/Blk: 109100 / 2  
 APN: 2664-022-008 Alternative APN: Map Ref: H1-501  
 Twntp-Rnge-Sect: 2N - 15W - 4 Legal Book/Page: Tract No: 3660  
 Legal Lot: 3 Legal Block:  
 Subdivision:

### Last Market Sale Information:

Sale Date: 4/3/2008 Sale Price: 1<sup>st</sup> Mtg Amount:  
 Sale Doc No: Price Per SqFt: 1<sup>st</sup> Mtg Int Type:  
 Transfer Doc No: 06-0386620 Price Per Acre: 2<sup>nd</sup> Mtg Amount:  
 1<sup>st</sup> Mtg Doc No: 2<sup>nd</sup> Mtg Int Type:  
 Sale Type:  
 Deed Type:  
 Title Company:  
 Lender:  
 Seller Name:

### Property Characteristics:

Building Area: Total Rooms: Construction:  
 Living Area: Bedrooms: Heat Type:  
 Garage Area: Baths: 0 Air Cond:  
 Basement Area: Fireplace: Roof Type:  
 Parking Type: No of Stories: Roof Material:  
 Yr Built/Effective: / Quality: Style:  
 Pool Code:

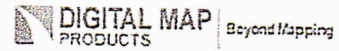
### Tax and Value Information:

Assessed Value: \$97,565 Assessed Year: 2016 Est Market Val:  
 Land Value: \$97,565 Property Tax: \$1,353 Assessor Appd Val:  
 Improvement Value: Improvement %: Tax Exemption:

### Site Information:

Assessor Acres: 3.093 Zoning: LAA2 Land Use Code: 465  
 Assessor Lot SqFt: 134,718 No of Buildings: Land Use Desc: RESIDENTIAL  
 Lot W/D: 0 / Res/Comm Units: LOT  
 Calculated Acres: 3.0928 Sewer Type: County Use Code: 010V  
 Calculated Lot SqFt: 134,722 Water Type:

Property Detail Report for:



15151 MISSION HILLS RD, MISSION HILLS, CA, 91345-1103

*KLINGER RESIDENCE  
PAROSL!*

Owner Information:

Owner Name: KLINGER, OTTO J KLINGER FAMILY TRUST  
 Mailing Address: PO BOX 950999, MISSION HILLS, CA, 91395-0999  
 Vesting Code: TRUST

Phone Number:

Location Information:

Legal Description: TRACT NO 3660 LOT COM SW ON SE LINE OF LOT 3, 60.82 FT AND N 28 52'30 W 150 FT FROM MOST E COR OF SD LOT TH S 81 16'30 W TO LOS ANGELES  
 County: LOS ANGELES FIPS Code: 06037 Census Trct/Blk: 109100 / 2  
 APN: 2664-022-018 Alternative APN: Map Ref: H7-481  
 Twnshp-Rnge-Sect: -- Legal Book/Page: Tract No: 3660  
 Legal Lot: 3, Legal Block:  
 Subdivision:

Last Market Sale Information:

Sale Date: 4/3/2008 Sale Price: 1<sup>st</sup> Mtg Amount:  
 Sale Doc No: Price Per SqFt: 1<sup>st</sup> Mtg Int Type:  
 Transfer Doc No: 08-0572500 Price Per Acre: 2<sup>nd</sup> Mtg Amount:  
 1<sup>st</sup> Mtg Doc No: 2<sup>nd</sup> Mtg Int Type:  
 Sale Type:  
 Deed Type:  
 Title Company:  
 Lender:  
 Seller Name:

Property Characteristics:

Building Area: 2,675 Total Rooms: Construction:  
 Living Area: 2,675 Bedrooms: 4 Heat Type: CENTRAL  
 Garage Area: Baths: 2 Air Cond: CENTRAL  
 Basement Area: Fireplace:  
 Parking Type: No of Stories:  
 Yr Built/Effective: 1950 / Quality:  
 Pool Code: Style:

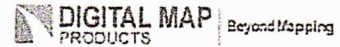
Tax and Value Information:

Assessed Value: \$265,886 Assessed Year: 2016 Est Market Val: \$506,000  
 Land Value: \$97,736 Property Tax: \$3,687 Assessor Appd Val:  
 Improvement Value: \$168,150 Improvement %: 63.24 Tax Exemption: CA HOMEOWNER

Site Information:

Assessor Acres: 6.832 Zoning: LARA Land Use Code: 163  
 Assessor Lot SqFt: 297,582 No of Buildings: Land Use Desc: SFR  
 Lot W/D: 0 / Res/Comm Units: 1 County Use Code: 0101  
 Calculated Acres: 6.8324 Sewer Type:  
 Calculated Lot SqFt: 297,619 Water Type:

## Property Detail Report for:



15149 MISSION HILLS RD, SAN FERNANDO, CA, 91345-1103

"LOWER LAND #2"

## Owner Information:

Owner Name: KLINGER, OTTO J. KLINGER FAMILY TRUST  
 Mailing Address: PO BOX 950999, MISSION HILLS, CA, 91395-0999  
 Vesting Code: TRUST

Phone Number:

## Location Information:

Legal Description: LOT COM SW ON SE LINE OF LOT 3 TR # 3660 60.82 FT FROM MOST E COR OF SD LOT TH N 28 52'30 W 150 FT TH S 81 16'30 W 370.17  
 County: LOS ANGELES FIPS Code: 06037 Census Trct/Blk: 109100 / 2  
 APN: 2664-022-009 Alternative APN: Map Ref: H1-501  
 Twnshp-Rnge-Sect: -- Legal Book/Page: Tract No: 3660  
 Legal Lot: 3 Legal Block:  
 Subdivison:

## Last Market Sale Information:

Sale Date: 4/3/2008 Sale Price: 1<sup>st</sup> Mtg Amount:  
 Sale Doc No: Price Per SqFt: 1<sup>st</sup> Mtg Int Type:  
 Transfer Doc No: 06-0386623 Price Per Acre: 2<sup>nd</sup> Mtg Amount:  
 1<sup>st</sup> Mtg Doc No: 2<sup>nd</sup> Mtg Int Type:  
 Sale Type:  
 Dead Type:  
 Title Company:  
 Lender:  
 Seller Name:

## Property Characteristics:

Building Area: Total Rooms: Construction:  
 Living Area: Bedrooms: Heat Type:  
 Garage Area: Baths: 0 Air Cond:  
 Basement Area: Fireplace: Roof Type:  
 Parking Type: No of Stories: Roof Material:  
 Yr Built/Effective: / Quality: Style:  
 Pool Code:

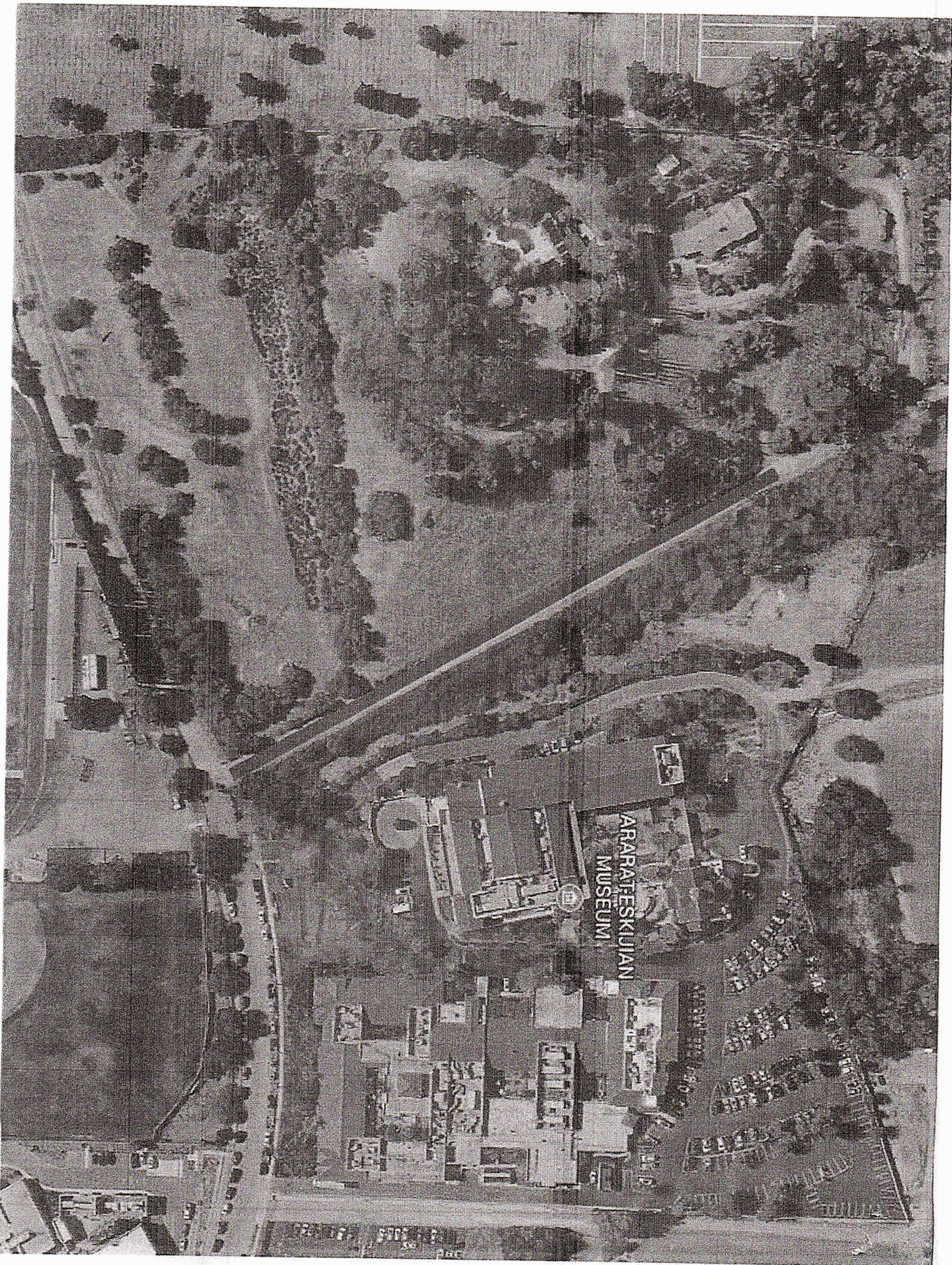
## Tax and Value Information:

Assessed Value: \$68,290 Assessed Year: 2016 Est Market Val:  
 Land Value: \$68,290 Property Tax: \$1,004 Assessor Appd Val:  
 Improvement Value: Improvement %: Tax Exemption:

## Site Information:

Assessor Acres: 1.96 Zoning: LAA2 Land Use Code: 465  
 Assessor Lot SqFt: 85,392 No of Buildings: Land Use Desc: RESIDENTIAL  
 Lot W/D: 0 / Res/Comm Units: LOT  
 Calculated Acres: 1.9607 Sewer Type: County Use Code: 010V  
 Calculated Lot SqFt: 85,408 Water Type:







## Nazar Ashjian

---

**From:** Buck Rogers <buck.rogers@kpff.com>  
**Sent:** Wednesday, October 25, 2017 5:21 PM  
**To:** Daniel Munsterman; Sinan Sinanian; Nazar Ashjian  
**Cc:** Chris Jones  
**Subject:** RE: ALTA Survey  
**Attachments:** 1700748\_ALTA-Signed.pdf; 1700748\_ALTA.zip

All,

Please find the updated file and cad file for your review and comments. We made a few modifications to the boundary and have updated all of the notes relative to the property line. We also added a third sheet for the purpose of showing the contours and topography.

Best regards,



**Robert "Buck" Rogers, PLS**

Project Surveyor

O 213.418.0201 D 424.355.2740 C 818.237.0054

700 S. Flower Street Suite 2100

Los Angeles, CA 90017

[buck.rogers@kpff.com](mailto:buck.rogers@kpff.com)

**From:** Buck Rogers  
**Sent:** Wednesday, October 18, 2017 3:56 PM  
**To:** Daniel Munsterman <[Danny.Munsterman@kpff.com](mailto:Danny.Munsterman@kpff.com)>; Sinan Sinanian <[sinan@sinanian.com](mailto:sinan@sinanian.com)>; Nazar Ashjian <[ashjian@earthlink.net](mailto:ashjian@earthlink.net)>  
**Cc:** Chris Jones <[chris.jones@kpff.com](mailto:chris.jones@kpff.com)>  
**Subject:** RE: ALTA Survey

All,

Please find the ALTA map attached hereto. Please review and let me know of any comments that you may have.

Thank you,



**Robert "Buck" Rogers, PLS**

Project Surveyor

O 213.418.0201 D 424.355.2740 C 818.237.0054

700 S. Flower Street Suite 2100

Los Angeles, CA 90017

[buck.rogers@kpff.com](mailto:buck.rogers@kpff.com)

**From:** Daniel Munsterman  
**Sent:** Tuesday, October 17, 2017 11:59 AM  
**To:** Sinan Sinanian <[sinan@sinanian.com](mailto:sinan@sinanian.com)>; Nazar Ashjian <[ashjian@earthlink.net](mailto:ashjian@earthlink.net)>

**Cc:** Buck Rogers <[buck.rogers@kpff.com](mailto:buck.rogers@kpff.com)>; Chris Jones <[chris.jones@kpff.com](mailto:chris.jones@kpff.com)>

**Subject:** ALTA Survey

Sinan,

Just spoke to Chris and they are finalizing the ALTA now and will have by the end of the day or worst case first thing in the morning. I have copied Buck and Chris to so they can update you both as this is completed.

As I mentioned on the phone Chris and I will be in Portland Wednesday and Thursday but Buck can answer any questions you and Nazar may have.

Thanks,



**Danny Munsterman P.E.**

Associate

O 213.418.0201 D 213.266.5271  
700 South Flower Street, Suite 2100  
Los Angeles, CA 90017  
[danny.munsterman@kpff.com](mailto:danny.munsterman@kpff.com)

# ALTANSPPS LAND TITLE SURVEY

### LEGAL DESCRIPTION

The land described in this plat is situated in the County of ... State of ... and is bounded as follows: ...

### EXCEPTIONS

1. All lands owned by ...
2. All lands owned by ...
3. All lands owned by ...
4. All lands owned by ...
5. All lands owned by ...
6. All lands owned by ...
7. All lands owned by ...
8. All lands owned by ...
9. All lands owned by ...
10. All lands owned by ...

### EXCEPTIONS CONTINUED

11. All lands owned by ...
12. All lands owned by ...
13. All lands owned by ...
14. All lands owned by ...
15. All lands owned by ...
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19. All lands owned by ...
20. All lands owned by ...

### COMMENTS

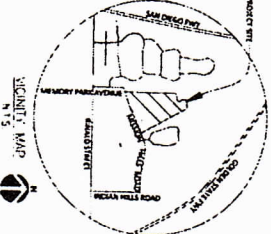
The following comments apply to the land described in this plat: ...

### SURVEYOR'S NOTES

The following notes apply to the survey: ...

### SURVEYOR'S CERTIFICATE

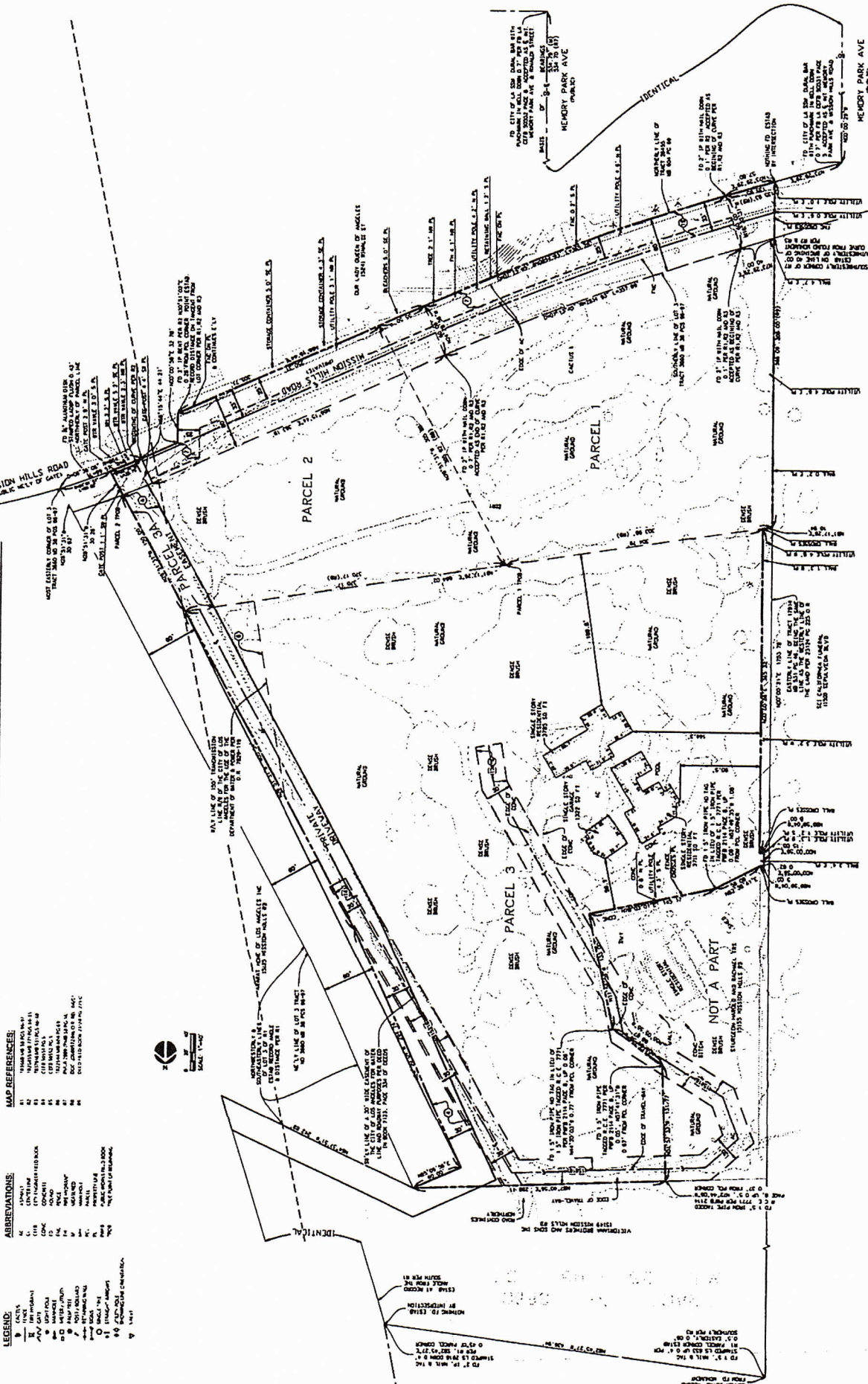
I, the undersigned, being duly qualified and sworn, do hereby certify that the foregoing is a true and correct copy of the original survey as shown to me by the parties thereto, and that the same has been compared with the original records of the County Clerk and found to be correct.



	<b>ALTANSPPS</b> 15151 MISSION HILLS ROAD SUITE 100 DALLAS, TEXAS 75244
PROJECT NO. _____ DATE _____	SHEET NO. _____ TOTAL SHEETS _____
1 OF 3	



# ALTA/NSPS LAND TITLE SURVEY



- LEGEND:**
- 1 CURVE
  - 2 EASEMENT
  - 3 EASEMENT
  - 4 EASEMENT
  - 5 EASEMENT
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  - 100 EASEMENT

- ABBREVIATIONS:**
- 1 CURVE
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<b>kpff</b> KENNETH PERKINS & ASSOCIATES, INC. 1000 CALIFORNIA LANDING SUITE 1000 COSTA MESA, CALIFORNIA 92626 TEL: 714/440-1000 FAX: 714/440-1001 WWW.KPFF.COM		PROJECT NO. 1000000000 SHEET NO. 2 OF 3 DATE: 08/18/17 DRAWN BY: SHAMIRAN CHECKED BY: SHAMIRAN PROJECT: 15151 MISSION HILLS ROAD ALTA SURVEY MISSION HILLS, LOS ANGELES, CALIFORNIA
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