Appendix F: Phase I Environmental Site Assessment

Part 1: Phase I Environmental Site Assessment

PHASE I ENVIRONMENTAL SITE ASSESSMENT

ASSESSORS PARCEL NUMBERS 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900, AND 2812-038-002, SANTA CLARITA, CALIFORNIA

On Behalf Of:

The Bouquet Canyon Project Owner, LLC Newport Beach, California

Prepared By:
Ramboll US Corporation
Irvine, California

October 2018

Project Number **1690009953**



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1. SUMMARY OF CONCLUSIONS

Ramboll US Corporation (Ramboll) was retained by The Bouquet Canyon Project Owner, LLC (the Client) to perform a Phase I Environmental Site Assessment (ESA) of the property located at Assessor Parcel Numbers (APNs) 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900, and 2812-038-002, located in Santa Clarita, California (herein referred to as the "facility" or the "site;" Figures 1 and 2). Ramboll's assessment was conducted in connection with a potential purchase of the site, which is to be redeveloped as a residential neighborhood (Figure 3). It is noted that APNs 2812-008-900, 2812-038-002, and 2812-008-002 are not part of the pending purchase, but portions may be part of the redevelopment project. The objective of the Phase I ESA, which was conducted in conformance with the scope and limitations of ASTM International's Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process E1527-13 (the "ASTM Standard"), was to identify Recognized Environmental Conditions (RECs), as defined in the ASTM Standard (see Section 2.1).

1.1 Site Summary

As indicated above, all eight listed APNs were reviewed for the Phase I ESA. Parcel ownership is as follows:

- Moshe Gedalia and Susan Gedalia own APNs 2812-008-003, 2812-008-013, 2812-008-022, and 2812-008-31 (undeveloped land).
- Ruth Z. Vasquez owns APN 2812-008-021 (undeveloped land).
- Plum Canyon Master LLC owns APN 2812-038-002 (undeveloped land) (this parcel is not part of the pending purchase but portions may be part of the redevelopment project).
- The County of Los Angeles owns APN 2812-008-900, which is occupied by the Joseph Scott Juvenile Detention Center (this parcel is not part of the pending purchase but portions may be part of the redevelopment project).
- Linda L Flake and Charles Suraco, et al. own APN 2812-008-002, with the address 28402 Bouquet Canyon Road (a private residence) (this parcel is not part of the pending purchase but portions may be part of the redevelopment project).

The approximately 124-acre site (including all the parcels) is undeveloped land except for a private residence located along the western portion of the site (APN 2812-008-002), and a juvenile detention center (APN 2812-008-900) located in the eastern portion of the site.

A portion of the site (APN 2812-008-022) was used for cultivated cropland purposes from the early 1920s through the 1980s and a portion of the site (APN 2812-008-022) was used for oil field operations in the late 1960s. The approximately 1,321-square foot residence was constructed in 1954 and the juvenile detention center was constructed in 1965.

1.2 Recognized Environmental Conditions

Ramboll performed a Phase I ESA of eight parcels comprising APNs 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900, and 2812-038-002 in Santa Clarita California in conformance with the scope and limitations of the ASTM Standard. Any exceptions to, or deletions from, this practice are described in Section 6.2 of this report. This assessment has revealed no RECs in connection with the site.

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1.3 Other Findings

Although not considered to be RECs, Ramboll identified the following other findings. The term "other finding" is not defined by ASTM; rather, Ramboll uses the term to connote areas of contingent risk that are not clearly defined by the ASTM Standard.

- Abandoned Oil/Gas Well. According to the State of California Department of Oil Gas and Geothermal Resources (DOGGR) website, in July 1967, one oil/gas well was drilled in the central portion of the site (APN 2812-008-022; see Figure 2). According to DOGGR records, the well was drilled to approximately 3,500 feet below ground surface (bgs). The well showed poor production of oil and gas and was abandoned in July 1967. Based on documents reviewed on the DOGGR website, various mechanical complications occurred during well installation. It is possible that drilling fluids, drilling muds, drilling cuttings, and/or well-treatment chemicals utilized during the well drilling process may have impacted the subsurface of the site in proximity to the well. As such, Ramboll cannot rule out the possibility that impacts to the subsurface may have resulted from installation and/or abandonment of the well. However, it is noted that Ramboll saw no indication of well field or drilling activities in the aerial photographs reviewed, nor was any information provided in the DOGGR records reviewed pertaining to the potential for subsurface impacts to the site associated with well installation or abandonment activities.
- Historical Use of the Site for Cultivated Cropland. According to aerial photographs reviewed as part of this Phase I ESA, a portion of the site (APN 2812-008-022) previously was used for cultivated cropland purposes from at least 1928 until the 1980s. During this time period, a few scattered residences and associated outbuildings were present on the site. The residences and outbuildings may have used aboveground or underground fuel oil tanks for heating purposes and for farm vehicle fueling. Ramboll was not provided with any specific information regarding historical cultivated cropland chemical use, but pesticides or other agricultural chemicals may have been applied on the site. It is possible that residual concentrations of agricultural chemicals may be present in the subsurface of the site in the area previously used for cultivated cropland. Site personnel reported no knowledge of past subsurface testing for any pesticides. Based on the lack of known subsurface investigation at the site, the potential presence of these compounds in the site subsurface in the area previously used for cultivated cropland cannot be ruled out. Based on the redevelopment plan for this area, shallow soil sampling is warranted.

A discussion of *de minimis* conditions identified during this review is presented in Section 6.1 of this report.

1.4 Non-scope Considerations

Although not included in the original scope of work based on our understanding that the site was vacant undeveloped land, Ramboll identified the following findings that relate to non-scope considerations (as discussed in Section 2.2), as detailed below:

Asbestos-Containing Materials (ACMs). The residence at the site (APN 2812-008-002), was constructed in 1954 and the juvenile detention center (APN 2812-008-900) was constructed in 1965, before asbestos was generally phased out of use in many building material applications during the early 1980s. It is unknown if formal asbestos

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surveys have been conducted at either structure. Based on the construction dates of the residence and detention center, it is possible that ACMs are present in building materials at the site. It is noted, however, that neither building is part of the pending purchase but portions of the parcels on which the buildings are located may be part of the redevelopment project.

- Water Intrusion/Mold. Ramboll was not allowed access to and did not perform mold surveys of either the residence or the detention center. Neither building is part of the pending purchase but portions of the parcels on which the buildings are located may be part of the redevelopment project.
- **Lead-Based Paint.** Lead was a major ingredient in paint pigment prior to and through the 1940s. While other pigments were used in the 1950s, the use of lead in paint continued until the early 1970s. In 1978, the Consumer Products Safety Commission banned paint and other surfacing coating materials that are "lead-containing paint." Based on the construction dates of the residence in 1954 and juvenile detention center in 1965, it is possible that lead-based paint was used historically on the buildings. Neither building is part of the pending purchase but portions of the parcels on which the buildings are located may be part of the redevelopment project
- Radon. Based on information included in the environmental database report, the site is located in an area categorized as Zone 2, which has average indoor basement radon levels between 2 and 4 picoCuries per liter (pCi/L). The United States Environmental Protection Agency's (USEPA's) continuous exposure limit, which is the limit at which further testing or remedial action is suggested, is 4.0 pCi/L for residential properties. According to the California Radon database, none of the 49 properties surveyed in Los Angeles County had a radon measurement above 0.0 pCi/L. A USEPA survey conducted in the same zip code as the site found that the average radon level of a first-floor room at 63 properties was 0.711 pCi/L.

Summary of Conclusions

2. INTRODUCTION

2.1 Purpose

Ramboll was retained by The Bouquet Canyon Project Owner, LLC to conduct a Phase I ESA of APNs 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900, and 2812-038-002 located in Santa Clarita, California. Ramboll's assessment was conducted in connection with a potential purchase of the site (with the exception of APNs 2812-008-002, 2812-038-002, and 2812-008-900, which are not part of the pending purchase but portions may be part of the redevelopment project). The purpose of the assessment was to identify RECs, which are defined in the ASTM Standard as:

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

2.2 Scope of the Assessment

Ramboll completed the following tasks, consistent with the ASTM Standard, during its Phase I ESA of the site:

- A visit to undeveloped portions of the site by Stephanie Eckelman of Ramboll on September 7, 2018 to observe the exterior features of the site and to identify the uses and conditions specified in the ASTM Standard. In addition, Ramboll observed the adjoining properties from the site or adjacent public thoroughfares. Photographs taken during the site visit are presented in Appendix A.
- An interview with the following individual: Roy Harel, Co-Founder of 3TEN Capital Group. The aforementioned individual was submitted to Ramboll by the client as having good knowledge of the uses and physical characteristics of the site.
- A review of information contained in federal and state environmental databases, as obtained from the sources noted below:
 - A radius report prepared by EDR, Inc. (EDR, see Appendix B), which presents the
 results of searches of federal and state databases for the site, as well as properties
 near the site. The radius searched for database, as well as the databases
 themselves, was selected in accordance with the ASTM Standard.
 - The USEPA's EnviroFacts database, which provides site information contained in multiple USEPA regulatory databases.
 - The State of California GeoTracker database (GeoTracker), and the Department of Toxic Substances Control (DTSC) EnviroStor websites.
- A review of standard historical sources (included as Appendix C) and local agency inquiries, as defined in the ASTM Standard. The following resources were reviewed:

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- Readily available historical sources, including (where available) historical topographic maps and aerial photographs, city directories, and Sanborn Maps, to develop a history of the previous uses of the site and surrounding area.
- Historical and site-specific information obtained from the following local agencies:
 The Building Department, the Los Angeles County Office of the Assessor (Assessor),
 and the County of Los Angeles Fire Department (Fire Department). Ramboll also requested information from the Los Angeles County Fire Department-Health
 Hazardous Materials Division, but personnel from this agency reported having no information pertaining to the site.
- A review of physical setting sources, as defined in the ASTM Standard, including:
 - The current United States Geological Survey (USGS) 7.5-minute topographic map that shows the area on which the site is located.
 - Geologic, hydrogeologic, or hydrologic sources as provided in the environmental database report and a historical oil well field log.
- Facility personnel reported that, to their knowledge, no Phase I ESAs or Phase II site
 investigations, environmental compliance audits, or similar investigations have
 previously been conducted for the site.
- A review of records on the DOGGR website, including the following oil/gas well installation log, which is included as Appendix D:
 - Oil Well Log, prepared by Paul Benz, dated July 12, 1967 (the "Oil Well report");
- A review of any information provided by the User of this assessment, including information consistent with Appendix X3 of the ASTM Standard. Pertinent information, if any, is discussed in the appropriate sections of this report.

This assessment was conducted in accordance with the methodology specified in ASTM Standard E1527-13, as agreed upon by Ramboll and The Bouquet Canyon Project Owner, LLC in September 2018. The standard ASTM scope was expanded to include a limited review of the potential presence of radon, based solely on information provided in the EDR report. In addition, although not included in the original scope of work based on our understanding that the site was vacant undeveloped land, this review included a screening review of the potential presence of asbestos and lead-based paint, based solely on the date of construction of the buildings at the site (the residence and juvenile detention center).

2.3 Significant Assumptions

In conducting this review, no significant assumptions were made, except for the following:

• Site-specific field measurements or other detailed hydrogeological information was not publicly available or reasonably ascertainable. In the absence of such data, Ramboll has assumed that the flow direction of shallow groundwater beneath the site and in the local vicinity generally mimics surface topography. Therefore, in evaluating potential on-site impacts from off-site sources, those off-site facilities not located adjacent to or within one-quarter mile upgradient of the site are not considered to represent a significant environmental concern to the site. This interpretation is based on the assumption that a hazardous material released to the subsurface generally does not migrate laterally within

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the unsaturated soil for a significant distance, although a hazardous material can migrate in the groundwater in a generally downgradient direction. There are, however, limits to this interpretation.

- Ramboll was not provided access to the residence located at APN 2812-008-002, the
 hillside associated with APN 2812-038-002, or the Joseph Scott juvenile detention center
 at APN 2812-008-900, as these parcels are not part of the pending purchase. In
 addition, Ramboll was not provided contact information for and did not interview the
 owners of these parcels.
- During the site visit, approximately 10 acres on the southern and eastern portions of the site were observed to be heavily wooded and overgrown with vegetation that limited visual and physical accessibility. Inspections of this portion of the site were limited to visual observations from perimeter areas.

2.4 Reliance and General Limitations

This report has been prepared for the exclusive use of The Bouquet Canyon Project Owner, LLC and may not be relied upon by any other person or entity without Ramboll's prior express written permission.

Under the ASTM Standard, this report is considered current only for a period of 180 days from the date of the site inspection. The conclusions presented in this report represent Ramboll's professional judgment based upon the information available and conditions existing as of the date of this report. In performing its assignment, Ramboll must rely upon publicly available information, information provided by the client, and information provided by third parties. Accordingly, the conclusions in this report are valid only to the extent that the information provided to Ramboll was accurate and complete. This review is not intended as legal advice, nor is it an exhaustive review of site conditions or facility compliance. Ramboll makes no representations or warranties, expressed or implied, about the conditions of the site.

Ramboll's scope of work for this assignment did not include collecting samples of any environmental media. As such, this review cannot rule out the existence of latent conditions including contamination not identified and defined by the data and information available for Ramboll's review; however, this report is intended, consistent with normal standards of practice and care, to assist the client in identifying the risks of such latent conditions.

Other issues considered outside the scope of the ASTM Standard and this review include regulatory compliance, polychlorinated biphenyls (PCBs) in building materials, lead in drinking water, wetlands, cultural and historic resources (except for information encountered during the course of this review for the potential Indian burial ground), ecological resources, endangered species, and high voltage power lines.

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3. SITE DESCRIPTION

3.1 Site Setting

The site consists of eight parcels, owned by various individuals or entities. According to the Assessor's Office, the APNs that comprise the site include; 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900, and 2812-038-002, located in Santa Clarita, California. APN 2812-008-900 is owned by the County of Los Angeles and is occupied by a juvenile detention center. APN 2812-038-002 is a large vacant green space currently owned by Plum Canyon Master LLC. APN 2812-008-002 is occupied by a single-family residence built in 1954 and is owned by Linda L Flake and Charels J Suraco et al. The remaining parcels are owned by Moshe Gedalia and Susie Gedalia. The approximately 124-acre site is located approximately 38 miles northwest of the City of Los Angeles (Figure 1).

The site is accessed from Bouquet Canyon Road which curves around the site perimeter from the western to the northern site boundary. There is no access road to the majority of the site as most of the site is currently undeveloped land. One gravel road leads to a residence located along the western portion of the site. A second paved road provides access to the juvenile detention center along the eastern portion of the site. Bouquet Canyon Creek runs east to west through the northern portion of the site. The western, southern, and eastern portions of the site are hilly terrain. Housing developments are located south to southeast of the site and north of the site across Bouquet Canyon Road. A small retail center is located southwest of the site. There are no on-site surface water bodies other than the creek mentioned previously.

Table 1 provides an overview of physical setting and utility information for the site.

Table 1: Physical Setting and Utility Information			
Conditions	onditions Source Description		
Topography			
Elevation (above mean sea level)	USGS topographic map; Google Earth	Ranges from approximately 1,560 feet on a hill top along the southwestern portion of the site to 1,380 feet near the creek in the northwestern portion of the site.	
Topographic Gradient	USGS topographic map; visual observations	The site is relatively flat near the central portion. The southern, southeastern, and western portions of the site are undulating terrain with relatively steep hills. The northern portion of the site appears relatively flat with a seasonal creek running east to west. Regional topography slopes gently downward to the west toward the Santa Clara River, which flows ultimately into the Pacific Ocean through the Santa Barbara Channel.	

Table 1: Physical Setting and Utility Information				
Conditions	Source	Description		
Hydrology				
Surface Water Runoff	Visual observations	Percolates into the ground surface or enters the creek located along the northern portion of the site.		
Nearest Surface Water Body to the Site	USGS topographic map; Visual observations	Bouquet Canyon Creek, located in the northern portion of the site. The Creek discharges to the Santa Clara River which ultimately discharges to the Pacific Ocean.		
Flood Plain	FEMA*; Facility personnel	Facility personnel reported no known occurrences of flooding at the site. The site is located within a 500-year flood zone but outside of a 100-year flood zone.		
Wetlands	NWI*	There are no federally-designated wetlands on-site.		
	G	Seology and Hydrogeology		
Presumed Direction of Shallow Groundwater Flow	USGS topographic map; [Mint Canyon 2012]	Based on the topographic gradient and the westerly flow direction of the Santa Clara River, shallow groundwater likely flows to the west.		
Depth to Groundwater	Los Angeles DPW website	Specific information regarding depth to shallow groundwater was not readily available. According to the Los Angeles County Department of Public Works website, well 7113, last measured in October 2015, recorded a depth to water at 60.50 bgs. The well appears approximately one-half mile northeast of the site.		
On-site Wells	Facility personnel; Visual observations; DOGGR website.	There are no production, monitoring, or injection water wells on-site. One oil/gas exploratory well was drilled in the central portion of the site, APN # 2812-008-022, in July 1967. The well was drilled to 3,457 feet bgs. The well was abandoned in July 1967 after producing a poor showing of oil and gas. See Section 5.2 for more information.		
Nearest Groundwater Supply Wells	Database report	No federally registered wells are present within one mile of the site. Three private or municipal wells that may be used for water supply are located between one-quarter mile and one-half mile east, northeast, and southwest of the site.		

Table 1: Physical Setting and Utility Information			
Conditions	Source	Description	
Geologic Conditions	DOGGR Well Field Logs	According to the 1967 onsite oil well installation logs, the first 50 feet of soil beneath the site consists mainly of buff clay with streaks of sandy conglomerate. From 60 to 140 feet bgs, the sticky buff clay with streaks of blue gray clay includes fine to very coarse sandstone. Deeper soils include increasing siltstone and sandstone.	
		Site Utility Information	
Heating and Cooling Equipment	Facility personnel	Heating and cooling equipment at the residence (APN 2812-008-002) and juvenile detention center (APN 2812-008-900) was unknown by facility personnel. Ramboll was not provided access to these buildings.	
Electricity Supplier	City website	There are no buildings onsite other than the residence and the juvenile detention center buildings. Ramboll was not provided access to these buildings. Electricity is likely provided to the site by Southern California Edison.	
Natural Gas Supplier	City website	There are no buildings onsite other than the residence and the juvenile detention center buildings. Ramboll was not provided access to these buildings. Natural Gas is likely provided to the site by The Gas Company.	
Use of Fuel Oil for Building Heat	Facility personnel	No current use of fuel oil was reported.	
Water Supplier	City of Santa Clarita website.	The residence and juvenile detention center water supplier was unknown by site personnel. Ramboll was not provided access to these buildings. The Santa Clarita Water Agency likely provides water to the site. The Santa Clarita Water Agency obtains water from the California aqueduct, Castaic lake, and local aquifers.	
Sanitary Sewer	City website	No current sewer system was reported connected to the undeveloped portions of the site. Sewer service provided to the residence and juvenile detention center was unknown by site personnel and Ramboll was not provided access to these buildings; therefore, it is not known if the residence is connected to the City of Santa Clarita sewer system or if a septic system is in use. Similarly, it is not known if the detention center is connected to the City of Santa Clarita sewer system or if a septic system(s) is in use.	

Table 1: Physical Setting and Utility Information			
Conditions	Source	Description	
Septic Systems	Facility personnel	No current septic systems were reported or known by site personnel and Ramboll was not provided access to these buildings. Therefore, it is not known if the residence or the detention center is/are connected to the City of Santa Clarita sewer system or if a septic system(s) is in use. However, given the rural location of the site, it is possible that historic septic systems may have been present at the site.	

Notes:

Due to site access constraints, the site visit did not include a visit to the residence or the juvenile detention center.

FEMA = Federal Emergency Management Agency; NCSS = National Cooperative Soil Survey; NWI = National Wetlands Inventory

* - Source was provided in the environmental database report.

3.2 Current Use of Site

3.2.1 Current Operations

The majority of the site is currently vacant undeveloped land.

A residence is located onsite along the western portion of the site. The residence (APN 2812-008-002) appears constructed onsite in 1954. The juvenile detention center (APN 2812-008-900) was constructed onsite in 1965. Operations at the juvenile detention center appear to have remained essentially the same since 1965. The juvenile detention center typically houses approximately 100 female inmates. These parcels are not part of the pending purchase but portions of the parcels may be part of the redevelopment project. According to site personnel, onsite activity previously included cultivated cropland activities (APN 2812-008-022) and the drilling and subsequent abandonment of one oil/gas well in 1967 ((APN 2812-008-022).

According to facility personnel, no chlorinated solvents are currently used at the site and based on the nature of current site operations (undeveloped land, a residence, and a juvenile detention center), the use of chlorinated solvents would not be expected.

3.2.2 Waste Management

Hazardous wastes are not generated at the undeveloped portions of the site. Nonhazardous waste generated at the undeveloped portions of the site consists of dumped trash (at the time of the site visit, trash observed included four rusted 55-gallon metal drums observed near the single-family residence [APN 2812-008-002], a one-quart unlabeled black liquid container, a dishwasher, washing machine, dryer, and various articles of clothing).

Wastes (hazardous or nonhazardous) generated at the residence and the juvenile detention center are not known. However, the site is not listed on any databases indicative of hazardous waste generation. General trash containers were observed along Bouquet Canyon Road presumably associated with the residence.

3.2.3 Wastewater and Stormwater

No wastewater is generated at the undeveloped portions of the site.

Stormwater at the site infiltrates into the soil throughout the site or enters into the creek located along the northern portion of the site.

Sanitary wastewater discharge at the residence is unknown. Documents from the Department of Public Works indicated the juvenile detention center was connected to the sewer system in 1995; sanitary wastewater discharge prior to that time is unknown.

3.2.4 Air Emissions

There are no air pollution control devices at the undeveloped portions of the site.

It is unlikely that air pollution control devices are present at the residence; it is not known if air pollution control devices are present at the juvenile detention center.

3.3 Current Uses of Adjoining Properties

The site is located in a largely residential land use area. The nearest residential areas are located across Bouquet Canyon Road to the north and west of the site. A second juvenile detention center, Camp Kenyon Scudder, is located east of the site. Based on discussions with facility personnel, Ramboll's visual observations from the site boundary and public rights-of-way, and a limited review of publicly available information, a general evaluation of the current use of adjacent properties was developed, as described Table 2.

Table 2: Current Use of Adjacent Properties			
Direction	Property/Land Use	Ramboll's Observations	
North	Bouquet Canyon Road, beyond which are residences.	No apparent exterior manufacturing or chemical storage operations were observed. Residential areas consist of	
East	The County of Los Angeles Kenyon Scudder Juvenile Detention Center.	single family homes. No environmental concerns were noted.	
South	Undeveloped hills. A residential area is located further south and southeast.		
West	Bouquet Canyon Road curves to the west of the site. Residences are beyond.		
	•		

Notes:

During the site visit, Ramboll walked or drove by the borders of these properties that are adjacent to the site. Ramboll did not enter the neighboring properties.

4. REVIEW OF PUBLIC RECORDS AND OTHER INFORMATION SOURCES

4.1 Environmental Regulatory Database Review

Ramboll contracted with EDR in September 2018 to prepare of summary of listings in federal and state agency databases for the site and facilities within applicable radii of the site, as specified by the ASTM standard.¹ A copy of the environmental database search report is presented in Appendix B.

4.1.1 Database Review for Site

Ramboll reviewed the results of the state and federal environmental database searches performed by the third-party database provider (see Appendix B) and also searched the California GeoTracker database. The site was not listed on any of the databases for which the ASTM Standard specifies that a review of pertinent files or regulatory records be conducted. The site (as "LA Co Prob Camp Scott" [the juvenile detention center) is, however, listed on the following other databases related to regulatory compliance: Los Angeles County Hazardous Materials System (HMS) and the California Hazardous Material Incident Report System (CHMIRS). The CHMIRS listing is reported as completed on May 7, 1991. No other information is provided in the database report for either listing. Listings on these databases, by themselves, are not necessarily indicative of contamination. In addition, the juvenile detention center parcel is not part of the pending purchase.

4.1.2 Database Review for Surrounding Properties

There are several listings in the database report for off-site facilities within applicable ASTM search radii. These listings (i.e., Los Angeles County Hazardous Materials System (HMS), Statewide Environmental Evaluation and Planning System (SWEEPS UST), Facility Information Detail (FINDS), Enforcement and Compliance History Online (ECHO), underground storage tank (UST), School Sites (SCH), and Resourced Compliance and Recovery Act (RCRA) NonGenerator hazardous waste generators, and Historical Auto Stations), by themselves, are not necessarily indicative of a contamination concern and, therefore, are not discussed herein and were not further evaluated for purposes of this assessment. It is noted that the NonGenerator and Historical Auto Station listings are associated with a residence.

4.2 Historical Uses of the Site and Adjacent Properties

4.2.1 Past Uses of the Site

The central portion of the site appears as cultivated cropland from at least 1928 through 1981. One residence is present along the western portion of the site from 1954 to present day. The juvenile detention center appears along the eastern portion of the site from 1969 to present day. The remainder of the site appears as undeveloped land other than the residence. City Directories list the Suraco family at the residence since 1969.

A May 28, 1991 letter from the Native American Heritage Commission to the Building Department indicated that a portion of the site (APN 2812-008-002) potentially was used as

¹ EDR uses the term "radii" to refer to the ASTM terminology "approximate minimum search distance" in the environmental database report.

an Indian burial ground. According to the letter, the location was listed as "approximately 500 feet from Bouquet Canyon Road. Location across from Benz Road and Fan Street and Fan Court." The onsite residence is associated with APN 2812-008-002, previously listed on the City Directories at 28402 Bouquet Canyon Road (this parcel is not part of the pending purchase but portions of the parcel may be part of the redevelopment project).

A summary of Ramboll's key observations from the available historical sources is presented in Table 3.

Table 3: Summary of Key Observations from Historical Sources for the Site			
Historical Source	Key Observations Regarding Site History		
Aerial Photographs (1928 to 2016) Satellite Imagery ¹ (1994 to 2017)	Portions of the site appear as cultivated cropland from 1928 through 1981. A residence appears along the western portion of the site, and the juvenile detention center appears along the eastern portion of the site from at least 1969 through 2017. The 1989 and subsequent photographs show the site in its present configuration, with one residence located along the western portion of the site. No environmental concerns are noted.		
Topographic Maps (1900 to 2012)	No development is depicted on the maps until 1940 when four small structures are noted along the western portion of the site off Bouquet Canyon Road, three small structures appear at the end of a small road in the center portion of the site and six small structures appear along the eastern portion of the site at the end of a small road. The small structures appear to potentially be associated with farming activities. By 1960, only three structures remain, two along Bouquet Canyon Road and one at the center of the site at the end of the small road. One of these structures appears in the general vicinity of the current day residence. Both structures remain depicted through 1995. Neither of the structures appear in the 2012 map. Six additional larger building appear along the eastern portion of the site in the present-day location of the juvenile detention center. The buildings are labeled as Joe Scott Boys Camp. An additional building appears within the Joe Scott Boys Camp in 1995.		
City Directory Abstracts (1969-2014)	The occupants of the site are listed as: Charles Suraco at 28402 Bouquet Canyon and Probation Department at 2700 Bouquet Canyon (1969, 1971, 1974, 1980, 1985, 1992, 2000, and 2005). In 2010, the occupant at 28402 Bouquet Canyon is listed as unknown. The Probation Department is relisted as a portion of the Los Angeles Unified School district. Charles Suraco reappears listed at 28402 Bouquet Canyon in the 2014 directory.		

Table 3: Summary of Key Observations from Historical Sources for the Site			
Historical Source	Key Observations Regarding Site History		
County of Los Angeles Office of the Assessor website	Tax assessor records available online indicate that the majority of the site is vacant land. The site is located in Section 6, Township 4 North, and range 15 West. The site consists all of the APN parcels listed below. A financial transaction was listed for the 2812-008-021 parcel in April 2008. Three of the parcels, 2812-008-003, -013, and -022 listed a financial transaction in February 2010. The parcel 2812-008-031 reported a financial transaction in September 2011 and the parcel at 2812-038-002 listed a financial transaction in August 2013. The single-family residence at 2812-008-002 listed a financial transaction in December 2014. The County government parcel, 2812-008-900, last reported a financial transaction in 1965.		
City of Santa Clarita Building Department	Building Department files include records for the residence to demolish a shed onsite and to install a water heater. In addition, records indicated a possible Native American burial ground located adjacent to the residence. See Section 4.2.1 for more information.		
Los Angeles County Public Works-Waste Management Division	The Department of Public Works files include reports pertaining to the juvenile detention facility. Reports indicate violations in the early 1960s with regards to water softener system effluent entering a leach field. The violations were resolved once the detention center diverted the effluent to a concrete holding tank which was pumped out periodically. Septic tanks were used for sanitary wastewater. Two private water wells at depths of approximately 150 feet bgs were reported onsite and reportedly sampled for chloride by the Health Department every 2 months from 1959 through 2002. No other information was contained in the records pertaining to the wells, such as depth to groundwater. A September 1995 letter from the DWP to the juvenile detention center provided instructions to properly close the holding tank that held the former water softener system liquid and to apply for an industrial wastewater discharge permit for the wastewater discharges that were not hauled away and instead would enter the sewer system. The permit was issued in October 2002. No other records were provided for the site.		

¹ In addition to aerial photographs provided by the third-party provider, Ramboll viewed historical satellite imagery provided via Google Earth. Printed copies were not obtained, and imagery dates were not independently verified.

The third-party provider reported that Sanborn fire insurance map coverage is not available for the site.

4.2.2 Past Uses of Adjacent Properties

The properties in the vicinity of the site have been used as residences or undeveloped land, since as early as the 1920s. A second juvenile detention center, Camp Kenyon Scudder, appears east of the site since 1958. No environmental concerns were noted.

4.3 Review of Local and State Agency Information

Ramboll visited or otherwise contacted local governmental agencies and regulatory bodies for information relating to the site. An overview of the findings of this review is presented in Table 4.

Table 4: Local Agency Information for the Site		
Agency Contacted/ Document Reviewed	Information Obtained	
Title Search Report & the City of Santa Clarita website	According to a title insurance document provided by Client, APNs 2812-008-003, 2812-008-013, 2812-008-022, and 2818-008-031 are owned by Moshe Gedalia and Susie Gedalia. The following owner information was obtained from the City of Santa Clarita Building Department: 2812-008-021 is owned by Ruth Vazquez Z, 2812-008-002 is owned by Linda L Flake and Charles J Suraco et al, 2812-008-900 is owned by the County of Los Angeles, and 2812-038-002 is owned by Plum Canyon Master LLC.	
Lien and Activity and Use Limitation (AUL) Search Report	As it is a User requirement, and at the Client's direction, Ramboll did not conduct a review of records to identify whether any environmental liens or activity and use limitations (AULs) have been imposed on the site.	
Los Angeles County-Public Health Inspector	The Public Health Inspector reported no information for the site. All public information requests for Hazardous Materials Business Plans, Inventory, Hazardous Waste Generator License, California Accidental Release Prevention Program information as well as spills and site remediation information are to be requested from the Los Angeles County Fire Department-Health Hazardous Materials Division.	
Los Angeles County Fire Department-Health Hazardous Materials Division	The Los Angeles County Fire Department Health Hazards Division indicated it had no records for the site.	

Table 4: Local Agency Information for the Site		
Agency Contacted/ Document Reviewed	Information Obtained	
Los Angeles County Public Works (DPW)-Waste Management Division	The Department of Public Works files include reports pertaining to the juvenile detention facility. Reports indicate violations in the early 1960s with regards to water softener system effluent entering a leach field. The violations were resolved once the detention center diverted the effluent to a concrete holding tank which was pumped out periodically. Records indicated the juvenile detention center used a water softener from 1958 through 1995. A regeneration system discharged brine to a concrete pit located on the site which then bypassed the septic tank and entered a leach field. The juvenile detention center received a violation for improperly discharging the brine water to a leach field instead of according to permit requirements of a septic tank. In 1959, the juvenile detention center reported using a 1,000-gallon concrete holding tank for the backwash brine water. In 1969, records indicate the backwash water was removed from site and disposed of in an injection well offsite. By February 1972, a grease interceptor was located outside the kitchen to filter effluent discharges to the leach field. Septic tanks were used for sanitary wastewater. Two private water wells at depths of approximately 150 feet bgs were reported onsite and reportedly sampled for chloride by the Health Department every 2 months from 1959 through 2002. A September 1995 letter from the DWP to the juvenile detention center provided instructions to properly close the holding tank that held the former water softener system liquid and to apply for an industrial wastewater discharge permit for the wastewater discharges that were not hauled away and instead would enter the sewer system. The permit was issued in October 2002. No other records were provided for the site.	
State of California Department of Oil Gas and Geothermal Resources (DOGGR)	According to the State of California DOGGR website, in July 1967, one oil/gas well was drilled in the central portion of the site (APN 2812-008-022; see Figure 2). According to DOGGR records, the well was drilled to approximately 3,500 feet bgs. The well showed poor production of oil and gas and was abandoned in July 1967. The closure of the well was inspected and approved by the DOGGR in 1967. Based on documents reviewed on the DOGGR website, various mechanical complications occurred during well installation.	

4.4 Previous Environmental Assessments and Activities

Based on a review of historical site documents and interviews with facility personnel, no prior Phase I environmental assessments, UST closures, environmental sampling, or remediation activities are known to have been conducted at the site.

4.5 User-Provided Information

Ramboll provided The Bouquet Canyon Project Owner, LLC with a User Questionnaire (consistent with Appendix X3 of the ASTM Standard) that requested information relating to environmental liens, activity use limitations (AULs), specialized knowledge of the site, property value diminution, chain-of-title, or any other commonly known or obvious indications of site contamination, that was not otherwise provided to Ramboll. The User did not provide any information not otherwise obtained by Ramboll.

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5. SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

Ramboll conducted a visit to the site on September 12, 2018. During the site visit, observations of the exterior portions of the site were made to evaluate if any RECs, as defined in Section 2, are present.

5.2 General Site Setting and Observations

Ramboll made observations concerning the exterior issues specified in Sections 9.4.2 through 9.4.4 of the ASTM E1527-13 Standard. The presence or absence of each issue of environmental interest or concern is noted in Table 5. Additional information regarding observed and historical items is provided in the sections following the table.

Table 5:	e 5: Summary of Site Reconnaissance Observations		
ASTM Section	Issue	Observation	
	Interior and Exterior Issues		
9.4.2.1	Current use(s) of the property	See Section 3.2	
9.4.2.2	Past use(s) of the property	See Section 4.2	
9.4.2.3	Hazardous substances and petroleum products used, treated, stored, disposed of, or generated on the property in connection with identified present or past uses	Present (see Section 5.2.1)	
9.4.2.4	Storage tanks: Underground storage tanks (fill ports, vent pipes, manholes) Aboveground storage tanks	Absent*	
9.4.2.5	Odors (strong, pungent, or noxious)	Absent*	
9.4.2.6	Pools of liquid, standing surface water or sumps	Absent*	
9.4.2.7	Drums of hazardous substances or petroleum products (five-gallon, 55-gallon, or totes)	Absent*	
9.4.2.8	Hazardous substance and petroleum product containers (not necessarily in connection with identified uses)	Absent*	
9.4.2.9	Unidentified substance containers suspected of containing hazardous substances or petroleum products	Present (see Section 5.2.1)	

Table 5:	Summary of Site Reconnaissance Observations			
ASTM Section	Issue	Observation		
9.4.2.10	Polychlorinated biphenyls (PCBs) Electrical equipment on-site (e.g., transformers, capacitors) Electrical equipment known or likely to contain PCBs Hydraulic equipment on-site (e.g., elevators, truck dock lifts) Hydraulic equipment known or likely to contain PCBs	Potentially Present (see Section 5.2.2)		
Interior Issues				
9.4.3.1	Heating/cooling systems	Absent*		
9.4.3.2	Stains or corrosion on interior floors, walls, or ceilings (except for staining from water)	Absent*		
9.4.3.3	Floor drains and interior sumps	Absent*		
Exterior Issues				
9.4.4.1	Pits, ponds or lagoons on property or adjacent sites	Absent*		
9.4.4.2	Stained soil or pavement	Present (see Section 5.2.1)		
9.4.4.3	Stressed vegetation (from other than insufficient water)	Absent*		
9.4.4.4	On-site solid waste disposal; areas apparently filled or graded by non-natural causes; or mounds or depressions suggesting solid waste disposal	Present (see Section 5.2.3)		
9.4.4.5	Wastewater or other liquid (including stormwater) or any discharge into a drain, ditch, underground injection system or stream on or adjacent to the property	Present (see Section 3.2.3)		
9.4.4.6	Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells)	Present (see Section 5.2.4)		
9.4.4.7	Septic systems or cesspools	Absent*		
Non-Scope Considerations				
N/A	Asbestos Containing Materials	(see Section 5.2.5)		
N/A	Lead-Based Paint	(see Section 5.2.6)		
N/A	Water Intrusion	(see Section 5.2.7)		

Table 5:	Summary of Site Reconnaissance Observations		
ASTM Section	Issue	Observation	
N/A	Radon	(see Section 5.2.8)	

Notes:

*Site visit observations did not include the residence or juvenile detention center due to access restrictions.

Observations noted in this table and discussed further below are based on information obtained during the site visit and from a review of the sources summarized in Section 4.

See the ASTM Standard for a detailed description of the issues included in each referenced ASTM section.

N/A - Not applicable

5.2.1 Hazardous Substances and Petroleum Products

Chemical use at the site historically potentially included petroleum products, lubricants, and hydraulic fluids associated with the oil/gas well installed on the site in 1967.

During the site visit, one quart-sized container of a black oily liquid was noted disposed of in the northern portion of the site. Minor soil staining was noted around the abandoned container. Facility personnel were not aware of any significant spills or releases of materials onsite.

5.2.2 Polychlorinated Biphenyls

Site personnel were not aware of historical on-site equipment that is known to contain PCBs. However, activities associated with the installation of oil/gas wells frequently utilized drilling lubricants including hydraulic oils which may contain PCBs. Ramboll saw no visual indication of significant leaks or releases onsite during the site visit. Because oil/gas well drilling activities were conducted in the 1960s, before the 1979 federal ban on the manufacture of PCBs, it is possible that the former drilling oils contained PCBs.

5.2.3 Solid Waste Disposal Areas or Areas Filled by Non-Natural Causes

Solid waste, including a dishwasher, a dryer, and a washing machine were observed during the site visit disposed of along the northern portion of the site. Various other solid waste clothing articles were observed around the site. Four rusted 55-gallon metal drums were observed along the southern edge of the residence parcel. Two of the drums appeared empty. The other two drums appeared intact. No labels were observed on the drums. No visible significant staining was observed in the vicinity of the drums.

Site personnel were unaware of the disposal of solid waste onsite.

5.2.4 Wells

According to the DOGGR website, one abandoned oil/gas well is located in the central portion of the site (APN 2812-008-022) and was installed, operated, and abandoned by Paul Benz. According to the DOGGR database, the well is classified as a plugged and abandoned dry hole, and the closure of the well was inspected and approved by the DOGGR in 1967.

Historically, drilling fluids, drilling muds, well cuttings, and/or well-treatment chemicals potentially were used/generated in association with installation/abandonment of an oil/gas well.

In addition, according to DPW records, two private water wells were installed on the juvenile detention center portion of the site at depths of approximately 150 feet bgs; the wells reportedly were sampled for chloride by the Health Department every 2 months from 1959 through 2002. The disposition of these wells is unknown. However, it is noted that this parcel is not part of the pending purchase but portions of the parcel may be part of the redevelopment project

5.2.5 Asbestos Containing Materials

The residence at the site (APN 2812-008-002), was constructed in 1954 and the juvenile detention center (APN 2812-008-900) was constructed in 1965, before asbestos was generally phased out of use in many building material applications during the early 1980s. It is unknown if formal asbestos surveys have been conducted at either structure. Based on the construction dates of the residence and detention center, it is possible that ACMs are present in building materials at the site. Neither building is part of the pending purchase but portions of the parcels on which the buildings are located may be part of the redevelopment project

5.2.6 Lead-Based Paint

Lead was a major ingredient in paint pigment prior to and through the 1940s. While other pigments were used in the 1950s, the use of lead in paint continued until the early 1970s. In 1978, the Consumer Products Safety Commission banned paint and other surfacing coating materials that are "lead-containing paint." Based on the construction dates of the residence in 1954 and juvenile detention center in 1965, it is possible that lead-based paint was used historically on the buildings. Neither building is part of the pending purchase but portions of the parcels on which the buildings are located may be part of the redevelopment project

5.2.7 Water Intrusion

Ramboll did not perform a mold survey at the site; and due to access restrictions, was unable to view the site or speak with the residence or the juvenile detention center.

5.2.8 Radon

Based on information included in the environmental database report, the site is located in an area categorized as Zone 2, which has average indoor basement radon levels between 2 and 4 pCi/L. The USEPA's continuous exposure limit, which is the limit at which further testing or remedial action is suggested, is 4.0 pCi/L for residential properties. According to the California Radon database, none of the 49 properties surveyed in Los Angeles County had a radon measurement above 0.0 pCi/L. A USEPA survey conducted in the same zip code as the site found that the average radon level of a first-floor room at 63 properties was 0.711 pCi/L.

6. FINDINGS, OPINION, AND CONCLUSIONS

Ramboll performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of The Bouquet Canyon Project Owner, LLC site located at APNs 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900, and 2812-038-002 Santa Clarita, California in September 2018. The objective of the ESA was to identify RECs, as defined in the ASTM Standard. A list of key definitions presented in the ASTM Standard is provided in Section 8 at the end of this report. Any exceptions to, or deletions from, this practice are described in Section 6.2.

6.1 Findings, Opinions, and Conclusions

Ramboll performed a Phase I ESA of eight parcels identified by APNs 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900, and 2812-038-002 in Santa Clarita California in conformance with the scope and limitations of the ASTM Standard. Any exceptions to, or deletions from, this practice are described in Section 6.2 of this report. This assessment has revealed no RECs in connection with the site.

6.2 Other Findings

Although not considered to be RECs, Ramboll identified the following other findings. The term "other finding" is not defined by ASTM; rather, Ramboll uses the term to connote areas of contingent risk that are not clearly defined by the ASTM Standard.

- Abandoned Oil/Gas Onsite Well. According to the State of California DOGGR website, in July 1967, one oil/gas well was drilled in the central portion of the site (APN 2812-008-022; see Figure 2). According to DOGGR records, the well was drilled to approximately 3,500 feet bgs. The well showed poor production of oil and gas and was abandoned in July 1967. Based on documents reviewed on the DOGGR website, various mechanical complications occurred during well installation. It is possible that drilling fluids, drilling muds, drilling cuttings, and/or well-treatment chemicals utilized during the well drilling process may have impacted the subsurface of the site in proximity to the well. As such, Ramboll cannot rule out the possibility that impacts to the subsurface may have resulted from installation and/or abandonment of the well. However, it is noted that Ramboll saw no indication of well field or drilling activities in the aerial photographs reviewed, nor was any information provided in the DOGGR records reviewed pertaining to the potential for subsurface impacts to the site associated with well installation or abandonment activities.
- Historical Use of the Site for Cultivated Cropland Use. According to aerial photographs reviewed for this Phase I ESA, the site, specifically, APN# 2812-008-022, was previously used for cultivated cropland purposes from at least 1928 until the 1980s. During this time period, a few scattered residences and associated outbuildings were present on the site. The residences and outbuildings may have used aboveground or underground fuel oil tanks for heating purposes and for farm vehicle fueling. Ramboll was not provided with any specific information regarding historical cultivated cropland chemical use, but pesticides or other agricultural chemicals may have been applied on the site. It is possible that residual concentrations of agricultural chemicals may be present in the subsurface of the site in the area previously used for cultivated cropland.

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Site personnel reported no knowledge of past subsurface testing for any pesticides. Based on the lack of known subsurface investigation at the site, the potential presence of these compounds in the site subsurface in the area previously used for cultivated cropland cannot be ruled out. Based on the redevelopment plan for this area, shallow soil sampling is warranted.

6.2.1 De Minimis Conditions

De minimis conditions are those that do not represent a material risk of harm to public health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies. Ramboll identified the following *de minimis* conditions related to the site:

• Evidence of Dumping Activities. During the site visit, dumping of household appliances, four rusted 55-gallon metal drums, black oily liquid in a one-quart container, and general trash was noted onsite. Additional information was unavailable regarding the frequency of dumping on the site. While Ramboll cannot rule out the possibility that contamination is present due to the dumping onsite, no specific concerns were identified (e.g. stained soil, large mounds of trash debris). As such, Ramboll considers this matter to represent a *de minimis* condition.

6.2.2 Non-scope Considerations

Ramboll identified the following findings that relate to non-scope considerations (as discussed in Section 2.2), as detailed below:

- ACMs. The residence at the site (APN 2812-008-002) was constructed in 1954 and the juvenile detention center (APN 2812-008-900) was constructed in 1965, before asbestos was generally phased out of use in many building material applications during the early 1980s. It is unknown if formal asbestos surveys have been conducted at either structure. Based on the construction dates of the residence and detention center, it is possible that ACMs are present in building materials at the site. It is noted, however, that neither building is part of the pending purchase but portions of the parcels on which the buildings are located may be part of the redevelopment project.
- Water Intrusion/Mold. Ramboll was not allowed access to and did not perform mold surveys of either the residence or the detention center. Neither building is part of the pending purchase but portions of the parcels on which the buildings are located may be part of the redevelopment project
- Lead-Based Paint. Lead was a major ingredient in paint pigment prior to and through the 1940s. While other pigments were used in the 1950s, the use of lead in paint continued until the early 1970s. In 1978, the Consumer Products Safety Commission banned paint and other surfacing coating materials that are "lead-containing paint." Based on the construction dates of the residence in 1954 and juvenile detention center in 1965, it is possible that lead-based paint was used historically on the buildings. Neither building is part of the pending purchase but portions of the parcels on which the buildings are located may be part of the redevelopment project.
- **Radon.** Based on information included in the environmental database report, the site is located in an area categorized as Zone 2, which has average indoor basement radon

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levels between 2 and 4 pCi/L. The USEPA's continuous exposure limit, which is the limit at which further testing or remedial action is suggested, is 4.0 pCi/L for residential properties. According to the California Radon database, none of the 49 properties surveyed in Los Angeles County had a radon measurement above 0.0 pCi/L. A USEPA survey conducted in the same zip code as the site found that the average radon level of a first-floor room at 63 properties was 0.711 pCi/L.

6.3 Analysis of Data Gaps

The ASTM Standard defines a data gap as "a lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information." A data gap is only significant if other information obtained during the ESA, or professional experience, raises reasonable concerns and affects the ability of the environmental professional to identify whether a given issue is a REC. The ASTM Standard requires that the ESA report identify and comment on significant data gaps.

Limiting conditions and deviations to the ASTM Standard for the assessment are discussed below.

- Due to confidentiality considerations, interviews with prior site owners, occupants, tenants, and former site personnel were not conducted. However, Ramboll conducted interviews with representatives of 3TEN with knowledge of the site and reviewed other historical sources regarding former uses of the site.
- During the site visit, approximately 10 acres on the southern and eastern portions of the site were observed to be heavily wooded and overgrown with vegetation that limited visual and physical accessibility. Inspections of this portion of the site were limited to visual observations from perimeter areas.
- Ramboll was not provided access to the residence located at APN 2812-008-002, the
 hillside associated with APN 2812-038-002, or the Joseph Scott juvenile detention center
 at APN 2812-008-900, as these parcels are not part of the pending purchase. In
 addition, Ramboll was not provided contact information for and did not interview the
 owners of these parcels.
- As it is a User requirement, and as directed by the Client, Ramboll did not conduct a review of records to identify whether any environmental liens or AULs have been imposed on the site.

None of the exceptions, deletions, deviations, or site reconnaissance limitations noted above are considered to represent significant data gaps.

7. REFERENCES

7.1 Documents

Environmental Data Resources (EDR). 2018. "Certified Sanborn® Map Report." September 5.

EDR. 2018. "EDR Historical Topographic Map Report." September 5.

EDR. 2018. "The EDR Aerial Photo Decade Package." September 6.

EDR. 2018. "The EDR-City Directory Abstract." September 11.

EDR. 2018. "The EDR Radius Map™ Report with GeoCheck®" September 5.

DOGGR. 1967. Oil and Gas Well Report.

7.2 Interviews

Roy Harel, 3TEN Capital Group. 2018. Personal interview. September 27.

References Ramboll

8. ASTM DEFINITIONS

The following definitions are presented in the ASTM Standard:

REC - Recognized Environmental Condition:

The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment.

CREC - Controlled Recognized Environmental Condition:

A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

HREC - Historical Recognized Environmental Condition:

A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

De minimis Condition:

A condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.

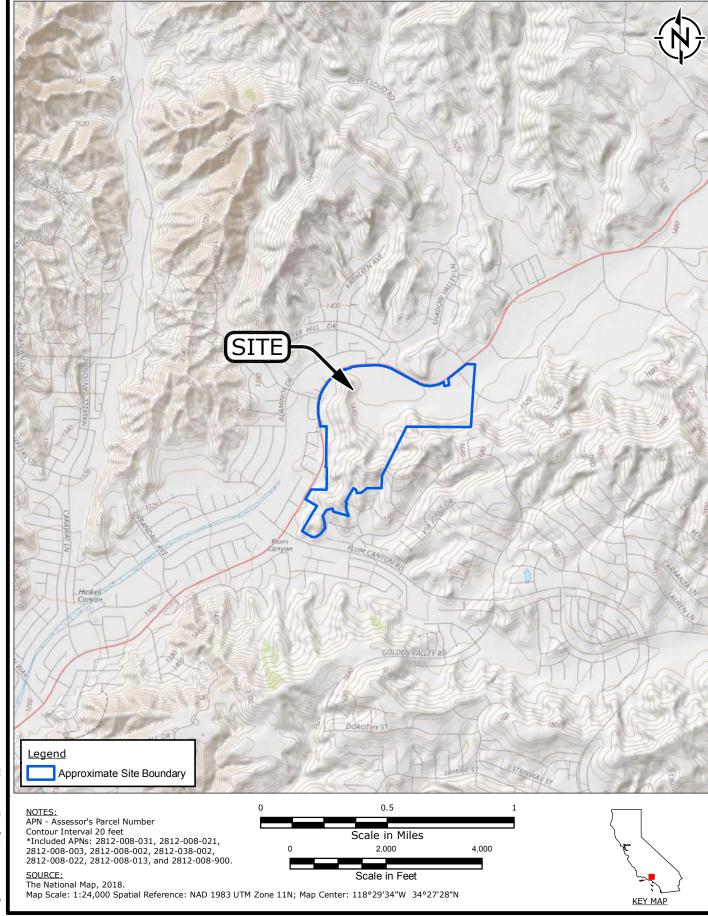
Data Gap/Significant Data Gap:

A lack of or inability to obtain information required by the practice despite good faith efforts by the environmental professional to gather such information. A data gap is significant if other information and/or professional experience raises concerns involving the data gap.

Please note that the term "other finding" is not defined by ASTM; rather, Ramboll uses the term to connote areas of contingent risk that are not clearly defined by the ASTM Standard.

ASTM Definitions Ramboll

FIGURES



RAMBOLL

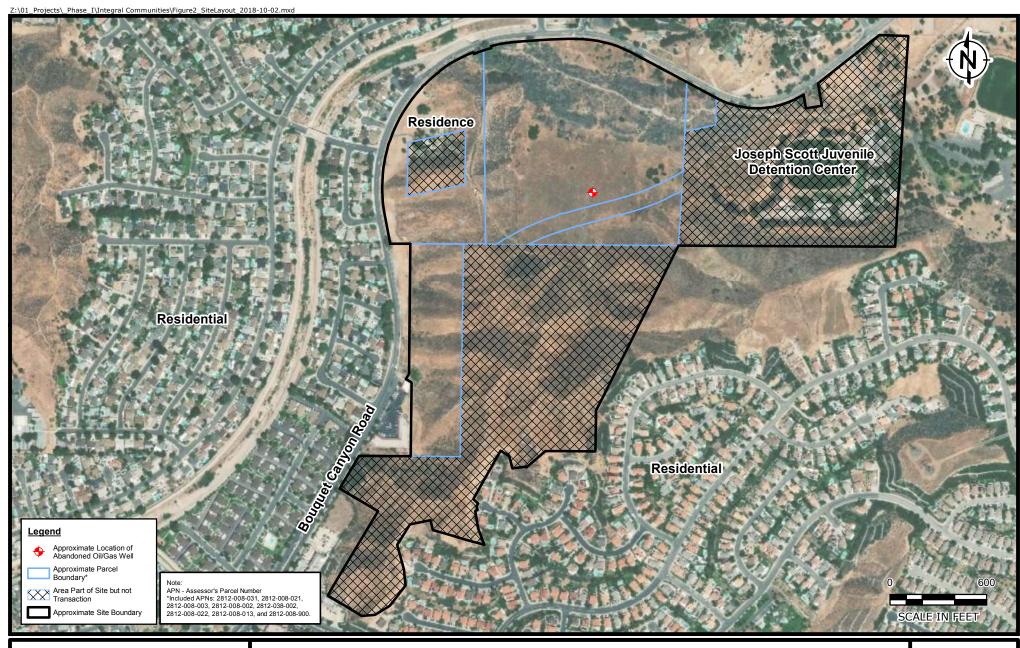
Site Location Map

Integral Communities

Multiple Assessor's Parcel Numbers (APNs)* on Bouquet Canyon Road Santa Clarita, California **FIGURE**

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PROJECT: 1690009953





DATE: 10/3/2018

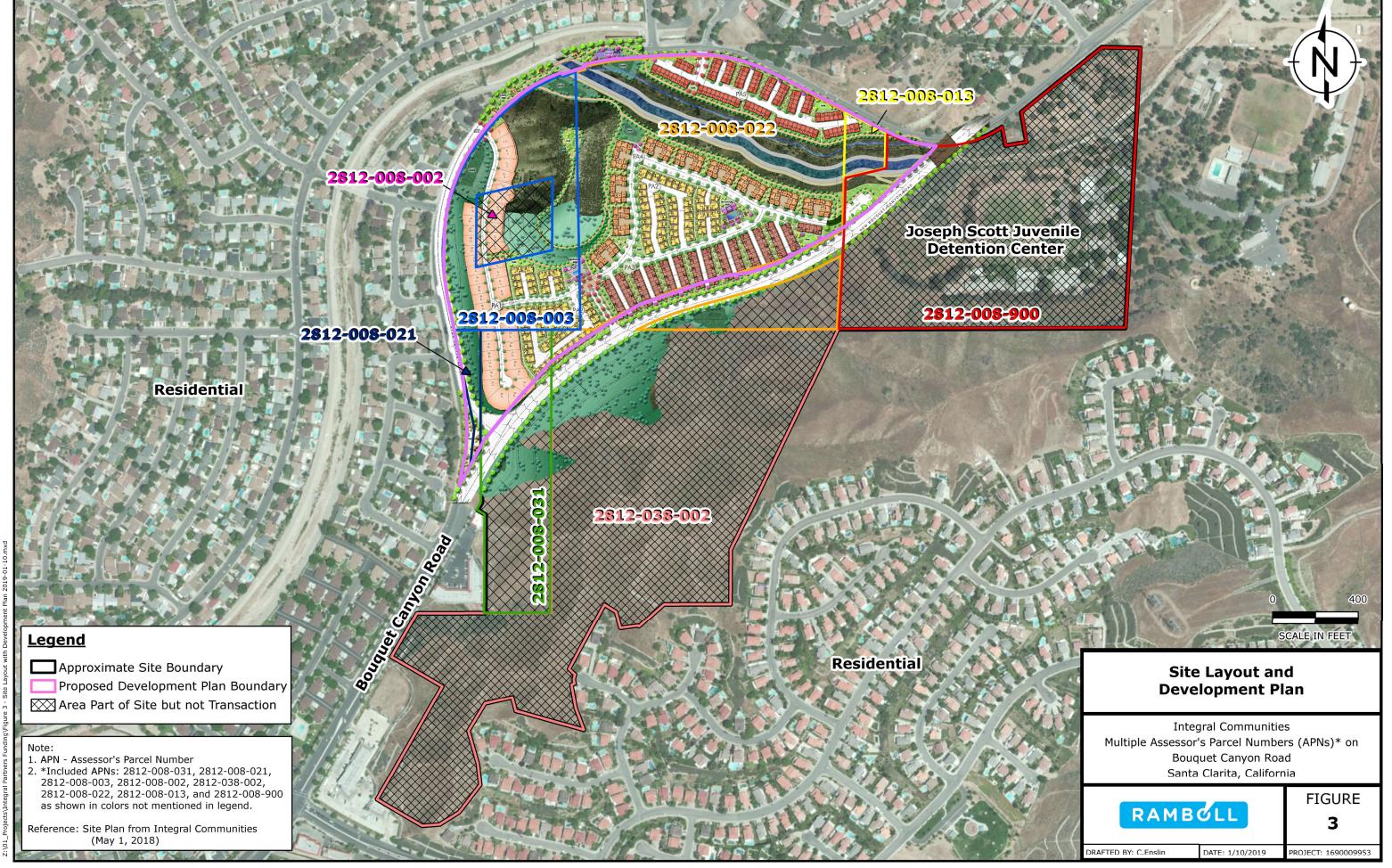
DRAFTED BY: J. KING

Site Layout

Integral Communities Multiple Assessor's Parcel Numbers (APNs)* on Bouquet Canyon Road Santa Clarita, California **FIGURE**

2

PROJECT: 1690009953



APPENDIX A SITE PHOTOGRAPHS

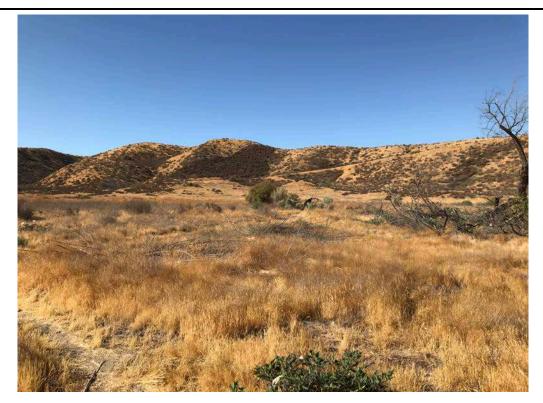


Photo 1: View of site looking southwest.



Photo 2: View of northern edge of the site and a pole mounted transformer.



Site PhotographsMultiple APN Parcels on Bouquet Canyon Road Santa Clarita, California August 2018



View of one-quart size black liquid container with localized soil staining. Photo 3:



Photo 4: Photo of dumping, including a dryer.



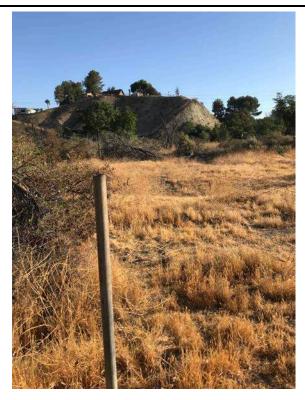


Photo 5: View of eastern portion of the site, likely the eastern edge of the juvenile detention center parcel.



Photo 6: View of concrete and metal debris located west of the presumed oil/gas well location.





Additional likely well abandonment debris. Photo 7:



Photo 8: View of fence line and stone wall, possibly marking parcel demarcations.



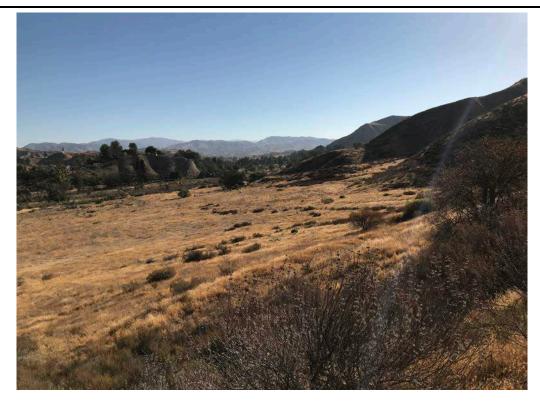


Photo 9: View of the central portion of the site looking northeast towards the juvenile detention center.



Photo 10: View of north-western portion of the site including the likely well abandonment debris.



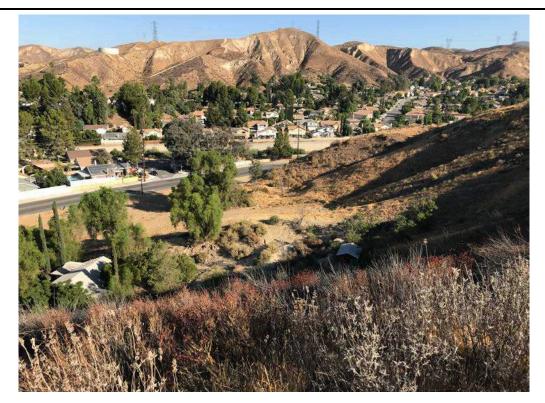


Photo 11: View of the onsite residence, looking west towards Bouquet Canyon Road.



Photo 12: View of utility pole located along hillside above the onsite residence, looking north.





Photo 13: View of southern portion of the site along the hilltop, looking east.



Photo 14: View of recently graded area of the western portion of the site along Bouquet Canyon Road looking north. Trash containers appear to be associated with the onsite residence.





Photo 15: View of rusty empty 55-gallon metal drums located along the southern edge of the residential parcel.



Photo 16: View of rusty empty 55-gallon drums looking south.





Photo 17: View of typical parcel stake located along the perimeter of the site and the northern portion of the residential parcel.



Photo 18: View of PVC piping found along the Bouquet Creek riverbed.





Photo 19: Additional PVC pipe entering into the Bouquet Creek riverbed.



Photo 20: View of typical animal trails located around the site, looking southeast.



Phase I Environmental Site Assessment The Bouquet Canyon Project Owner, LLC APN Numbers 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900 and 2812-038-002 Santa Clarita, California

APPENDIX B ENVIRONMENTAL DATABASE REPORT

NOTES ON ENVIRONMENTAL DATABASE REPORT

The third-party provider conducted its searches for the standard environmental record sources and the minimum search distances, as specified by the ASTM Standard. The ASTM Standard uses the terminology "approximate minimum search distance" to refer to the radii searched in the environmental database report.

The third-party provider conducted the search of environmental databases in September 2018. Because the environmental databases themselves are sometimes not updated by the specific regulatory agencies for periods of up to one year or more (depending on the database and the state), the database search conducted herein will not necessarily list any facility or site for which an environmental investigation/listing has been initiated subsequent to the last update.

Integral Communities-SCV 28402 Bouquet Canyon Road Santa Clarita, CA 91350

Inquiry Number: 5414520.2s

September 05, 2018

The EDR Radius Map™ Report with GeoCheck®



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

TARGET PROPERTY INFORMATION

ADDRESS

28402 BOUQUET CANYON ROAD SANTA CLARITA, CA 91350

COORDINATES

Latitude (North): 34.4573760 - 34° 27' 26.55" Longitude (West): 118.4947910 - 118° 29' 41.24"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 362694.8 UTM Y (Meters): 3813688.5

Elevation: 1453 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5636825 MINT CANYON, CA

Version Date: 2012

West Map: 5636847 NEWHALL, CA

Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140531, 20140514

Source: USDA

MAPPED SITES SUMMARY

Target Property Address: 28402 BOUQUET CANYON ROAD SANTA CLARITA, CA 91350

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
A1	LA CO PROB CAMP SCOT	28700 BOUQUET CANYON	LOS ANGELES CO. HMS	Lower	1 ft.
2		27234 BONQUET CANYON	CHMIRS	Lower	1 ft.
A3	LA CO PROB CAMP SCOT	28700 BOUQUET CANYON	LOS ANGELES CO. HMS	Lower	1 ft.
4	MINNIE MAX CLEANERS	28200 BOUQUET CANYON	EDR Hist Cleaner	Lower	100, 0.019, South
5	FASCOV INC	28525 ROW CT	EDR Hist Auto	Lower	433, 0.082, NNE
B6	LA CO CAMP SCUDDER	28750 BOUQUET CANYON	UST	Higher	647, 0.123, East
B7	LA CO CAMP-SEE 00336	28750 BOUQUET CANYON	SWEEPS UST, CA FID UST, LOS ANGELES CO. HMS	Higher	647, 0.123, East
8	PLUM CLEANERS	28106 BOUQUET CANYON	EDR Hist Cleaner	Lower	658, 0.125, SSW
9	FAR WEST ENVIRONMENT	28609 KATHLEEN AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	1141, 0.216, North
C10	PACIFIC BELL SAGSCA1	20660 PLUM CANYON RD	UST	Lower	1315, 0.249, SSW
C11	PACIFIC BELL (1990 R	20660 PLUM CANYON RD	SWEEPS UST, CA FID UST	Lower	1315, 0.249, SSW
12	COPPER HILL ELEMENTA	WELSTON DRIVE/BOUQUE	ENVIROSTOR, SCH	Lower	2650, 0.502, SSW
13	MEADOWPEAK SCHOOL SI	HASKELL CANYON/BLUE	ENVIROSTOR, SCH	Higher	4513, 0.855, North

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

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-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

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

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

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

State and tribal leaking storage tank lists

LUST...... Geotracker's Leaking Underground Fuel Tank Report INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

CPS-SLIC Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

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

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

SWRCY..... Recycler Database

HAULERS...... Registered Waste Tire Haulers Listing

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

ODI...... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

AOCONCERN...... 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

US CDL...... National Clandestine Laboratory Register

CERS HAZ WASTE..... CERS HAZ WASTE

Local Lists of Registered Storage Tanks

HIST UST..... Hazardous Substance Storage Container Database CERS TANKS..... California Environmental Reporting System (CERS) Tanks

Local Land Records

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

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System

Other Ascertainable Records

FUDS...... Formerly Used Defense Sites DOD...... Department of Defense Sites

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

US FIN ASSUR..... Financial Assurance Information

EPA WATCH LIST..... EPA WATCH LIST

2020 COR ACTION...... 2020 Corrective Action Program List

TSCA..... Toxic Substances Control Act

TRIS...... Toxic Chemical Release Inventory System

RAATS_____RCRA Administrative Action Tracking System

ICIS...... Integrated Compliance Information System

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

FUELS PROGRAM..... EPA Fuels Program Registered Listing

CA BOND EXP. PLAN..... Bond Expenditure Plan

Cortese "Cortese" Hazardous Waste & Substances Sites List

EMI______ Emissions Inventory Data ENF_____ Enforcement Action Listing

Financial Assurance_____ Financial Assurance Information Listing

HAZNET Facility and Manifest Data

ICE.....ICE

HIST CORTESE...... Hazardous Waste & Substance Site List HWP..... EnviroStor Permitted Facilities Listing

HWT...... Registered Hazardous Waste Transporter Database

MINES..... Mines Site Location Listing

MWMP..... Medical Waste Management Program Listing

NPDES Permits Listing

PEST LIC...... Pesticide Regulation Licenses Listing

PROC. Certified Processors Database
Notify 65. Proposition 65 Records

UIC Listing

WASTEWATER PITS..... Oil Wastewater Pits Listing WDS..... Waste Discharge System

CERS..... CERS

UIC GEO...... UIC GEO (GEOTRACKER)

WELL STIM PROJ...... Well Stimulation Project (GEOTRACKER)
CIWQS...... California Integrated Water Quality System
MILITARY PRIV SITES..... MILITARY PRIV SITES (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF...... Recovered Government Archive Solid Waste Facilities List

RGA LUST...... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/30/2018 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MEADOWPEAK SCHOOL SI Facility Id: 70000143 Status: No Action Required	HASKELL CANYON/BLUE	N 1/2 - 1 (0.855 mi.)	13	17
Lower Elevation	Address	Direction / Distance	Map ID	Page
COPPER HILL ELEMENTA Facility Id: 19010034 Status: No Further Action	WELSTON DRIVE/BOUQUE	SSW 1/2 - 1 (0.502 mi.)	12	15

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 2 UST sites within

approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LA CO CAMP SCUDDER	28750 BOUQUET CANYON	E 0 - 1/8 (0.123 mi.)	B6	10
Database: UST, Date of Government Ver	sion: 06/11/2018			

Facility Id: 3478

Lower ElevationAddressDirection / DistanceMap IDPagePACIFIC BELL SAGSCA120660 PLUM CANYON RDSSW 1/8 - 1/4 (0.249 mi.)C1014

Database: UST, Date of Government Version: 06/11/2018

Facility Id: LACoFA0021050

Facility Id: 15981

ADDITIONAL ENVIRONMENTAL RECORDS

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 2 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LA CO CAMP-SEE 00336 Status: A Tank Status: A Comp Number: 3478	28750 BOUQUET CANYON	E 0 - 1/8 (0.123 mi.)	B7	11
Lower Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC BELL (1990 R Status: A Tank Status: A Comp Number: 15981	20660 PLUM CANYON RD	SSW 1/8 - 1/4 (0.249 mi.)	C11	14

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 2 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LA CO CAMP-SEE 00336 Facility ld: 19015919 Status: A	28750 BOUQUET CANYON	E 0 - 1/8 (0.123 mi.)	B7	11
Lower Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC BELL (1990 R	20660 PLUM CANYON RD	SSW 1/8 - 1/4 (0.249 mi.)	C11	14

Facility Id: 19055139

Status: A

Records of Emergency Release Reports

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 04/06/2018 has revealed that there is 1 CHMIRS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported OES Incident Number: 100409 Date Completed: 07-MAY-91	27234 BONQUET CANYON	0 - 1/8 (0.000 mi.)	2	8

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/01/2018 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FAR WEST ENVIRONMENT	28609 KATHLEEN AVE	N 1/8 - 1/4 (0.216 mi.)	9	12
EPA ID:: CAD981423460				

Los Angeles County Industrial Waste and Underground Storage Tank Sites.

A review of the LOS ANGELES CO. HMS list, as provided by EDR, and dated 04/12/2018 has revealed that there are 2 LOS ANGELES CO. HMS sites within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LA CO PROB CAMP SCOT Facility ID: 004324-043955 Facility ID: 004324-104482	28700 BOUQUET CANYON	0 - 1/8 (0.000 mi.)	A1	8
LA CO PROB CAMP SCOT Facility ID: 004324-004482	28700 BOUQUET CANYON	0 - 1/8 (0.000 mi.)	А3	9

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
FASCOV INC	28525 ROW CT	NNE 0 - 1/8 (0.082 mi.)	5	10

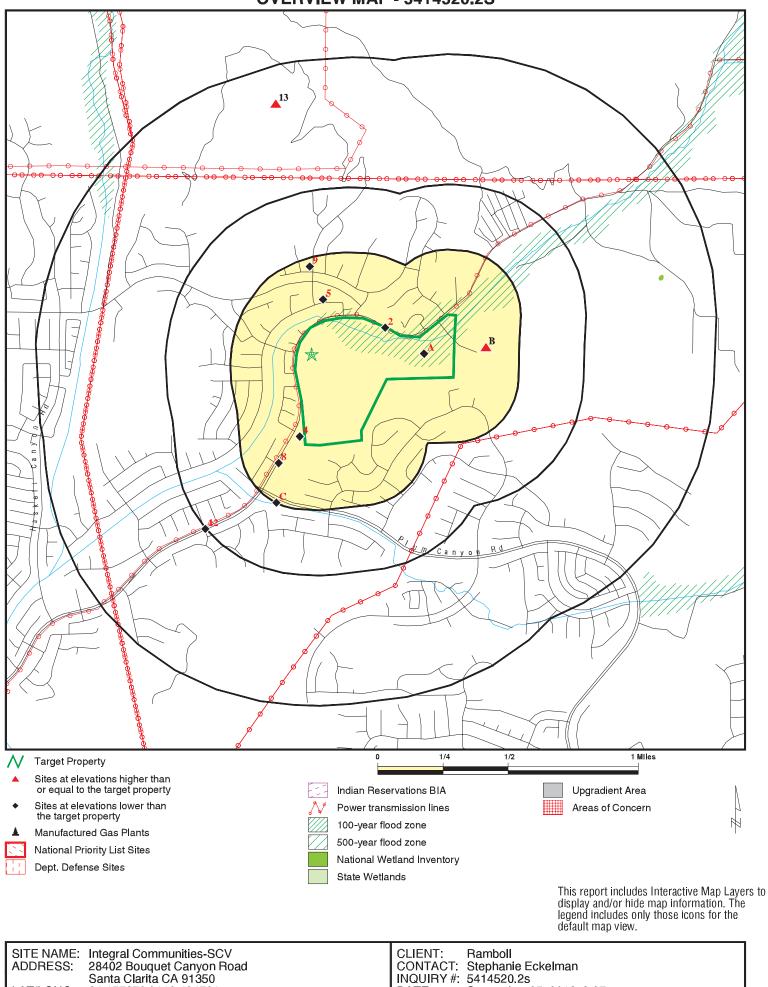
EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. 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.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 2 EDR Hist Cleaner sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MINNIE MAX CLEANERS	28200 BOUQUET CANYON	S 0 - 1/8 (0.019 mi.)	4	10
PLUM CLEANERS	28106 BOUQUET CANYON	SSW 0 - 1/8 (0.125 mi.)	8	12

There were no unmapped sites in this report.

OVERVIEW MAP - 5414520.2S



September 05, 2018 2:27 pm Copyright © 2018 EDR, Inc. © 2015 TomTom Rel. 2015.

5414520.2s

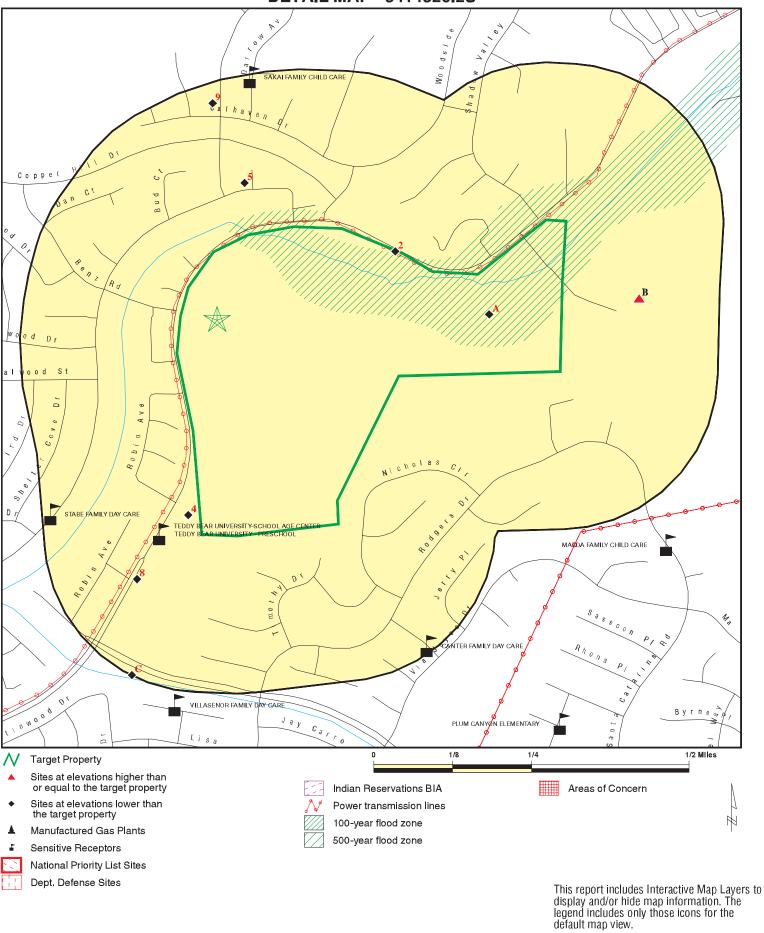
INQUIRY #:

DATE:

34.457376 / 118.494791

LAT/LONG:

DETAIL MAP - 5414520.2S



SITE NAME: Integral Communities-SCV
ADDRESS: 28402 Bouquet Canyon Road Santa Clarita CA 91350
LAT/LONG: 34.457376 / 118.494791

CLIENT: Ramboll CONTACT: Stephanie Eckelman INQUIRY #: 5414520.2s
DATE: September 05, 2018 2:27 pm

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
STANDARD ENVIRONMENTAL RECORDS									
Federal NPL site list									
NPL Proposed NPL NPL LIENS	1.000 1.000 0.001		0 0 0	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0	
Federal Delisted NPL sit	e list								
Delisted NPL	1.000		0	0	0	0	NR	0	
Federal CERCLIS list									
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0	
Federal CERCLIS NFRA	P site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0	
Federal RCRA CORRACTS facilities list									
CORRACTS	1.000		0	0	0	0	NR	0	
Federal RCRA non-COR	RACTS TSD fa	acilities list							
RCRA-TSDF	0.500		0	0	0	NR	NR	0	
Federal RCRA generator	rs list								
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 0	0 0 0	NR NR NR	NR NR NR	NR NR NR	0 0 0	
Federal institutional controls / engineering controls registries									
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0	
Federal ERNS list									
ERNS	0.001		0	NR	NR	NR	NR	0	
State- and tribal - equiva	alent NPL								
RESPONSE	1.000		0	0	0	0	NR	0	
State- and tribal - equiva	alent CERCLIS	3							
ENVIROSTOR	1.000		0	0	0	2	NR	2	
State and tribal landfill and/or solid waste disposal site lists									
SWF/LF	0.500		0	0	0	NR	NR	0	
State and tribal leaking	storage tank l	ists							
LUST	0.500		0	0	0	NR	NR	0	

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
INDIAN LUST CPS-SLIC	0.500 0.500		0 0	0	0	NR NR	NR NR	0 0	
State and tribal registere	d storage tar	nk lists							
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250		0 1 0 0	0 1 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 2 0 0	
State and tribal voluntary	cleanup site	es							
INDIAN VCP VCP	0.500 0.500		0	0 0	0 0	NR NR	NR NR	0 0	
State and tribal Brownfie	lds sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0	
ADDITIONAL ENVIRONMENTAL RECORDS									
Local Brownfield lists									
US BROWNFIELDS	0.500		0	0	0	NR	NR	0	
Local Lists of Landfill / Solid Waste Disposal Sites									
WMUDS/SWAT SWRCY HAULERS INDIAN ODI ODI DEBRIS REGION 9 IHS OPEN DUMPS	0.500 0.500 0.001 0.500 0.500 0.500 0.500		0 0 0 0 0 0	0 0 NR 0 0 0	0 0 NR 0 0 0	NR NR NR NR NR NR	NR NR NR NR NR NR	0 0 0 0 0 0	
Local Lists of Hazardous waste / Contaminated Sites									
AOCONCERN US HIST CDL HIST Cal-Sites SCH CDL Toxic Pits US CDL CERS HAZ WASTE	1.000 0.001 1.000 0.250 0.001 1.000 0.001 0.250		0 0 0 0 0 0	0 NR 0 0 NR 0 NR 0	0 NR 0 NR NR 0 NR	0 NR 0 NR NR 0 NR NR	NR NR NR NR NR NR NR	0 0 0 0 0 0	
Local Lists of Registered Storage Tanks									
SWEEPS UST HIST UST CA FID UST CERS TANKS	0.250 0.250 0.250 0.250 0.250		1 0 1 0	1 0 1 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	2 0 2 0	
Local Land Records									
LIENS	0.001		0	NR	NR	NR	NR	0	

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2 DEED	0.001 0.500		0	NR 0	NR 0	NR NR	NR NR	0 0
Records of Emergency I	Release Repo	rts						
HMIRS CHMIRS LDS MCS SPILLS 90	0.001 0.001 0.001 0.001 0.001		0 1 0 0	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	NR NR NR NR NR	0 1 0 0
Other Ascertainable Rec	cords							
RCRA NonGen / NLR FUDS DOD SCRD DRYCLEANERS US FIN ASSUR EPA WATCH LIST 2020 COR ACTION TSCA TRIS SSTS ROD RMP RAATS PRP PADS ICIS FTTS MLTS COAL ASH DOE COAL ASH EPA PCB TRANSFORMER RADINFO HIST FTTS DOT OPS CONSENT INDIAN RESERV FUSRAP UMTRA LEAD SMELTERS US AIRS	0.250 1.000 1.000 0.500 0.001 0.001 0.001 0.001 1.000 0.001			1 0 0 0 RR O RR O RR NR O RR RR RR RR O RR NR O O O O	N O O O R R R R O R R R R R R R R R O R R R R O O O O R	N O O O R R R R R O O R R R R R R R R R	N	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
US MINES ABANDONED MINES FINDS DOCKET HWC ECHO UXO FUELS PROGRAM CA BOND EXP. PLAN Cortese CUPA Listings	0.250 TP 0.001 TP TP 1.000 0.250 1.000 0.500 0.250		0 NR 0 NR NR 0 0	0 NR NR NR NR 0 0 0	NR NR NR NR NR O NR O NR	NR NR NR NR NR 0 NR 0 NR	NR NR NR NR NR NR NR NR	0 0 0 0 0 0 0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE LOS ANGELES CO. HMS	0.500 0.001		0 2	0 NR	0 NR	NR NR	NR NR	0 2
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	TP		NR	NR	NR	NR	NR	Ő
MWMP	0.250		0	0	NR	NR	NR	Ō
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR NB	NR NB	0
WASTEWATER PITS WDS	0.500 0.001		0 0	0 NR	0 NR	NR NR	NR NR	0 0
WIP	0.250		0	0	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NŘ	NR	NR	NR	Ő
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	Õ
CERS	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
CIWQS MILITARY PRIV SITES	TP TP		NR NR	NR NR	NR NR	NR NR	NR NR	0 0
WILITART PRIV SITES	IF		INIX	INIX	INK	INK	INIX	U
EDR HIGH RISK HISTORICAL	RECORDS							
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.250		1	0	NŘ	NR	NR	1
EDR Hist Cleaner	0.250		2	Ö	NR	NR	NR	2
EDR RECOVERED GOVERNI	VIENT ARCHIV	/ES						
Exclusive Recovered Gov	t. Archives							
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
			-	* ** *				-
- Totals		0	9	4	0	2	0	15

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID MAP FINDINGS

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

A1 LA CO PROB CAMP SCOTT 28700 BOUQUET CANYON RD LOS ANGELES CO. HMS S104536203 N/A

< 1/8 SAUGUS, CA 91350

1 ft.

Site 1 of 2 in cluster A

Relative: LOS ANGELES CO. HMS: Region: LA

Actual: Permit Category: Not reported
1415 ft. Facility Id: 004324-043955
Facility Type: Not reported

Facility Status: OPEN
Area: 7

Permit Number: Not reported Permit Status: Not reported

Region: LA Permit Category: I

Facility Id: 004324-I04482

Facility Type: 09
Facility Status: Closed Area: 7

Permit Number: 000002026 Permit Status: Closed

Region: LA Permit Category: I

Facility Id: 004324-I04482

Facility Type: 01
Facility Status: Closed
Area: 7
Permit Number: 000008542

Permit Status: Closed

2 CHMIRS \$100280132 27234 BONQUET CANYON ROAD N/A

< 1/8 SAUGUS, CA 91350

1 ft.

CHMIRS:

Relative: OES Incident Number: 100409
Lower OES notification: Not reported
Actual: OES Date: Not reported
1398 ft. OES Time: Not reported
Date Completed: 07-MAY-91

Property Use: 300 Agency Id Number: 19110 Agency Incident Number: 128598 Time Notified: 1009 Time Completed: 1245 Surrounding Area: 650 Estimated Temperature: 80 Property Management: С Special Studies 4: Ν More Than Two Substances Involved?: Ν Resp Agncy Personel # Of Decontaminated: Responding Agency Personel # Of Injuries: Responding Agency Personel # Of Fatalities: 0 Others Number Of Decontaminated: 0 Others Number Of Injuries: 0

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

(Continued) S100280132

Others Number Of Fatalities: 0

Not reported Vehicle Make/year: Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA DOT PUC/ICC Number: Not reported Not reported Company Name:

Reporting Officer Name/ID: D. MCCLELLAN HAZ-MAT 87-B

Report Date: 07-MAY-91 Facility Telephone: 213 267-2401 Waterway Involved: Not reported Not reported Waterway: Spill Site: Not reported Cleanup By: Not reported Containment: Not reported What Happened: Not reported Not reported Type: Measure: Not reported Other: Not reported Date/Time: Not reported Year: 88-92 Agency: Not reported Incident Date: 07-MAY-91

Admin Agency: Not reported Amount: Not reported Not reported Contained: Site Type: Not reported E Date: 01-JUL-92 Substance: Not reported Unknown: Not reported Substance #2: Not reported Substance #3: Not reported Evacuations: Not reported Number of Injuries: Not reported Number of Fatalities: Not reported #1 Pipeline: Not reported #2 Pipeline: Not reported #3 Pipeline: Not reported #1 Vessel >= 300 Tons: Not reported #2 Vessel >= 300 Tons: Not reported Not reported #3 Vessel >= 300 Tons: Evacs: Not reported Injuries: Not reported Not reported Fatals:

Comments:

Description: Not reported

А3 LA CO PROB CAMP SCOTT 28700 BOUQUET CANYON RD

< 1/8 **SAUGUS, CA 91350**

1 ft.

Site 2 of 2 in cluster A

Relative: LOS ANGELES CO. HMS: Lower Region:

Permit Category: Not reported Actual: 004324-004482 Facility Id: 1415 ft. Facility Type: Not reported

LOS ANGELES CO. HMS S102064563 N/A

Map ID MAP FINDINGS

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

LA CO PROB CAMP SCOTT (Continued)

S102064563

Facility Status: **OPEN** Area:

SANTA CLARITA, CA 91310

Permit Number: Not reported Permit Status: Not reported

MINNIE MAX CLEANERS **EDR Hist Cleaner** 1009127092 South 28200 BOUQUET CANYON RD N/A

< 1/8 0.019 mi. 100 ft.

Relative: **EDR Hist Cleaner** Lower

Type: Year: Name: Actual: 1999 MINNIE MAX CLEANERS 1384 ft. Not reported

Drycleaning Plants, Except Rugs 2003 MINNIE MAX CLEANERS 2004 MINNIE MAX CLEANERS Drycleaning Plants, Except Rugs Drycleaning Plants, Except Rugs 2005 MINNIE MAX CLEANERS MINNIE MAX CLEANERS Drycleaning Plants, Except Rugs 2006 2007 MINNIE MAX CLEANERS Drycleaning Plants, Except Rugs Drycleaning Plants, Except Rugs 2008 MINNIE MAX CLEANERS 2009 MINNIE MAX CLEANERS Drycleaning Plants, Except Rugs Drycleaning Plants, Except Rugs 2010 MINNIE MAX CLEANERS Drycleaning Plants, Except Rugs 2011 MINNIE MAX CLEANERS

5 **FASCOV INC EDR Hist Auto** 1020361366 N/A

NNE 28525 ROW CT

< 1/8 SANTA CLARITA, CA 91350

0.082 mi. 433 ft.

EDR Hist Auto Relative:

Lower

Name: Year: Type: Actual:

2010 **FASCOV INC** Gasoline Service Stations 1384 ft.

2011 **FASCOV INC Gasoline Service Stations** 2012 **FASCOV INC Gasoline Service Stations** 2013 **FASCOV INC** Gasoline Service Stations **FASCOV INC** 2014 Gasoline Service Stations

LA CO CAMP SCUDDER U003775988 **B6** N/A

East 28750 BOUQUET CANYON RD < 1/8 SANTA CLARITA, CA 91390

0.123 mi.

647 ft. Site 1 of 2 in cluster B

Relative: UST:

Higher Facility ID: 3478

LOS ANGELES COUNTY Permitting Agency: Actual:

Latitude: 34.4592647 1468 ft. Longitude: -118.4839253

MAP FINDINGS Map ID

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

B7 LA CO CAMP-SEE 003362-043956 **SWEEPS UST** S101584822 28750 BOUQUET CANYON RD **East CA FID UST** N/A LOS ANGELES CO. HMS

SAUGUS, CA 91350 < 1/8

0.123 mi.

647 ft. Site 2 of 2 in cluster B

SWEEPS UST: Relative: Higher

Active Status: Comp Number: 3478 Actual: Number: 1468 ft.

Board Of Equalization: 44-007726 Referral Date: 06-30-89 Action Date: Not reported Created Date: 06-30-89 Owner Tank Id: Not reported

SWRCB Tank Id: 19-000-003478-000001

Tank Status:

Capacity: Not reported Active Date: 06-30-89 Tank Use: UNKNOWN

STG: W

Not reported Content:

Number Of Tanks: 1

CA FID UST:

Facility ID: 19015919 Regulated By: UTNKA Regulated ID: 00020856 Cortese Code: Not reported SIC Code: Not reported Facility Phone: 8180000000 Mail To: Not reported

Mailing Address: 1100 N EASTERN AVE

Mailing Address 2: Not reported Mailing City, St, Zip: SANTA CLARITA Contact: Not reported Contact Phone: Not reported DUNs Number: Not reported NPDES Number: Not reported EPA ID: Not reported Not reported Comments: Active Status:

LOS ANGELES CO. HMS:

Region:

Permit Category: Not reported Facility Id: 019948-028466 Facility Type: Not reported **OPEN** Facility Status: Area:

Permit Number: Not reported Permit Status: Not reported Map ID MAP FINDINGS

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

8 **PLUM CLEANERS EDR Hist Cleaner** 1020064485 SSW

28106 BOUQUET CANYON RD N/A SANTA CLARITA, CA 91350

< 1/8 0.125 mi. 658 ft.

Lower

Relative: **EDR Hist Cleaner**

Year: Name: Type: Actual:

2007 PLUM CLEANERS Drycleaning Plants, Except Rugs, NEC 1357 ft. 2008 PLUM CLEANERS Drycleaning Plants, Except Rugs, NEC

2009 PLUM CLEANERS Drycleaning Plants, Except Rugs, NEC 2010 PLUM CLEANERS Drycleaning Plants, Except Rugs, NEC Drycleaning Plants, Except Rugs, NEC 2011 PLUM CLEANERS 2012 PLUM CLEANERS Drycleaning Plants, Except Rugs, NEC 2013 PLUM CLEANERS Drycleaning Plants, Except Rugs, NEC 2014 PLUM CLEANERS Drycleaning Plants, Except Rugs, NEC

FAR WEST ENVIRONMENTAL SERVICES RCRA NonGen / NLR 1000136388 **FINDS** CAD981423460

North 28609 KATHLEEN AVE 1/8-1/4 **SAUGUS, CA 91350**

0.216 mi. 1141 ft.

Relative: RCRA NonGen / NLR:

Lower Date form received by agency: 07/07/1986

Facility name: FAR WEST ENVIRONMENTAL SERVICES Actual:

Facility address: 28609 KATHLEEN AVE 1395 ft.

SAUGUS, CA 91350

EPA ID: CAD981423460 Mailing address: KATHLEEN AVE SAUGUS, CA 91350

Contact: **ENVIRONMENTAL MANAGER**

Contact address: 28609 KATHLEEN AVE **SAUGUS, CA 91350**

US

Contact country:

Contact telephone: 805-251-2480 Contact email: Not reported

EPA Region: 09

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: THOMAS G EATON Owner/operator address: **NOT REQUIRED**

NOT REQUIRED, ME 99999

Owner/operator country: Not reported Owner/operator telephone: 415-555-1212 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

Owner/operator name: NOT REQUIRED Owner/operator address: NOT REQUIRED

NOT REQUIRED, ME 99999

ECHO

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

FAR WEST ENVIRONMENTAL SERVICES (Continued)

1000136388

EDR ID Number

Owner/operator country: Not reported 415-555-1212 Owner/operator telephone: Owner/operator email: Not reported Owner/operator fax: Not reported Owner/operator extension: Not reported Private Legal status: Owner/Operator Type: Operator 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: Yes Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002700943

Environmental Interest/Information System

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.

<u>Click this hyperlink</u> while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000136388 Registry ID: 110002700943

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002700943

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

C10 PACIFIC BELL SAGSCA11/KC575 UST U003777284
SSW 20660 PLUM CANYON RD N/A

1/8-1/4 SANTA CLARITA, CA 91350

0.249 mi.

1315 ft. Site 1 of 2 in cluster C

Relative: UST:

Lower Facility ID: 15981

Actual: Permitting Agency: LOS ANGELES COUNTY

1353 ft. Latitude: 34.4507227 Longitude: -118.4965375

Facility ID: LACoFA0021050

Permitting Agency: Los Angeles County Fire Department

Latitude: 34.4492 Longitude: -118.49714

C11 PACIFIC BELL (1990 REMOTE SWITCHING CENTER)

SSW 20660 PLUM CANYON RD 1/8-1/4 SANTA CLARITA, CA 91350

0.249 mi.

1315 ft. Site 2 of 2 in cluster C

Relative: SWEEPS UST: Lower Status:

 Lower
 Status:
 Active

 Actual:
 Comp Number:
 15981

 1353 ft.
 Number:
 1

Board Of Equalization: Not reported Referral Date: 02-26-93 Action Date: 02-26-93 Created Date: 12-14-90

Owner Tank Id:

SWRCB Tank Id: 19-000-015981-000001

Tank Status: A
Capacity: 4000
Active Date: 12-14-90
Tank Use: OIL
STG: P

Content: Not reported

Number Of Tanks: 1

CA FID UST:

Facility ID: 19055139 **UTNKA** Regulated By: Regulated ID: Not reported Not reported Cortese Code: SIC Code: Not reported Facility Phone: Not reported Mail To: Not reported Mailing Address: 177 E COLORADO

Mailing Address 2: Not reported

Mailing City, St, Zip: SANTA CLARITA 91350

Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

EDR ID Number

S101587242

N/A

SWEEPS UST

CA FID UST

Direction Distance

Distance Elevation Site EDR ID Number

EDR ID Number

EPA ID Number

12 COPPER HILL ELEMENTARY SCHOOL ENVIROSTOR S107736165 SSW WELSTON DRIVE/BOUQUET CANYON SCH N/A

1/2-1 SAUGUS, CA 91350

0.502 mi. 2650 ft.

Relative: ENVIROSTOR:

 Lower
 Facility ID:
 19010034

 Actual:
 Status:
 No Further Action

 1325 ft.
 Status Date:
 12/12/2002

 Site Code:
 304388

Site Type: School Investigation

Site Type Detailed: School
Acres: 20
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa

Division Branch: Southern California Schools & Brownfields Outreach

Assembly: 36 Senate: 21

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: School District Latitude: 34.4546 Longitude: -118.5043

APN: NONE SPECIFIED

Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Mercury (elemental Zinc DDE

Confirmed COC: NONE SPECIFIED

Potential Description: SOIL

Alias Name: COPPERHILL ELEMENTARY SCHOOL

Alias Type: Alternate Name

Alias Name: SAUGUS UNION ELEMENTARY SCHOOL DISTRICT

Alias Type: Alternate Name

Alias Name: SAUGUS UNION SD-COPPER HILL ELEM

Alias Type: Alternate Name

Alias Name: 304388

Alias Type: Project Code (Site Code)

Alias Name: 19010034

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Environmental Oversight Agreement

Completed Date: 10/21/2002 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 12/12/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported Completed Document Type: Phase 1

Direction Distance

Elevation Site Database(s) EPA ID Number

COPPER HILL ELEMENTARY SCHOOL (Continued)

S107736165

EDR ID Number

Completed Date: 09/26/2002 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Cost Recovery Closeout Memo

Completed Date: 12/12/2002 Comments: Not reported

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

SCH:

Facility ID: 19010034

Site Type: School Investigation

Site Type Detail: School

Site Mgmt. Req.: NONE SPECIFIED

Acres: 20
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

Lead Agency Description: DTSC - Site Cleanup Program

Project Manager: Not reported Supervisor: Javier Hinojosa

Division Branch: Southern California Schools & Brownfields Outreach

 Site Code:
 304388

 Assembly:
 36

 Senate:
 21

Special Program Status: Not reported
Status: No Further Action
Status Date: 12/12/2002
Restricted Use: NO

Restricted Use: NO
Funding: School District
Latitude: 34.4546
Longitude: -118.5043
APN: NONE SPECIFIED

Past Use: AGRICULTURAL - ROW CROPS

Potential COC: Mercury (elemental, Mercury (elemental, Zinc, DDE

Confirmed COC: NONE SPECIFIED

Potential Description: SOIL

Alias Name: COPPERHILL ELEMENTARY SCHOOL

Alias Type: Alternate Name

Alias Name: SAUGUS UNION ELEMENTARY SCHOOL DISTRICT

Alias Type: Alternate Name

Alias Name: SAUGUS UNION SD-COPPER HILL ELEM

Alias Type: Alternate Name

Alias Name: 304388

Alias Type: Project Code (Site Code)

Alias Name: 19010034

Direction Distance

Elevation Site Database(s) EPA ID Number

COPPER HILL ELEMENTARY SCHOOL (Continued)

S107736165

EDR ID Number

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Environmental Oversight Agreement

Completed Date: 10/21/2002 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 12/12/2002 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 09/26/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Cost Recovery Closeout Memo

Completed Date: 12/12/2002 Comments: Not reported

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

13 MEADOWPEAK SCHOOL SITE
North HASKELL CANYON/BLUE CLOUD ROAD

1/2-1 SANTA CLARITA, CA 91390

0.855 mi. 4513 ft.

Relative: ENVIROSTOR:

Higher Facility ID: 70000143

Actual: Status: No Action Required 1714 ft. Status Date: 01/27/2006

Site Code: 304519

Site Type: School Investigation

Site Type Detailed: School
Acres: 15.25
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa

Division Branch: Southern California Schools & Brownfields Outreach

Assembly: 36

ENVIROSTOR S118757384

SCH

N/A

Direction Distance Elevation

evation Site Database(s) EPA ID Number

MEADOWPEAK SCHOOL SITE (Continued)

S118757384

EDR ID Number

Senate: 21

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: School District Latitude: 34.4714 Longitude: -118.4972 APN: NONE SPECIFIED

Past Use: NONE

Potential COC: NONE SPECIFIED No Contaminants found

Confirmed COC: NONE SPECIFIED

Potential Description: NMA

Alias Name: 304519

Alias Type: Project Code (Site Code)

Alias Name: 70000143

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 01/05/2006 Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Cost Recovery Closeout Memo

Completed Date: 06/19/2007 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/27/2006
Comments: Not reported

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

SCH:

Facility ID: 70000143

Site Type: School Investigation

Site Type Detail: School

Site Mgmt. Req.: NONE SPECIFIED

Acres: 15.25
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

Lead Agency Description: DTSC - Site Cleanup Program

Direction Distance

Elevation Site Database(s) EPA ID Number

MEADOWPEAK SCHOOL SITE (Continued)

S118757384

EDR ID Number

Project Manager: Not reported Supervisor: Javier Hinojosa

Division Branch: Southern California Schools & Brownfields Outreach

 Site Code:
 304519

 Assembly:
 36

 Senate:
 21

Special Program Status: Not reported
Status: No Action Required

Status Date: 01/27/2006 Restricted Use: NO

Funding: School District Latitude: 34.4714 Longitude: -118.4972

APN: NONE SPECIFIED

Past Use: NONE

Potential COC: NONE SPECIFIED, No Contaminants found

Confirmed COC: NONE SPECIFIED

Potential Description: NMA Alias Name: 304519

Alias Type: Project Code (Site Code)

Alias Name: 70000143

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Site Inspections/Visit (Non LUR)

Completed Date: 01/05/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE Completed Sub Area Name: Not reported

Completed Document Type: Cost Recovery Closeout Memo

Completed Date: 06/19/2007 Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/27/2006
Comments: Not reported

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported Not reported Future Due Date: Schedule Area Name: Not reported Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Not reported Schedule Due Date: Schedule Revised Date: Not reported Count: 0 records. ORPHAN SUMMARY

City EDR ID Site Name Site Address Zip Database(s)

NO SITES FOUND

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: 05/13/2018 Source: EPA
Date Data Arrived at EDR: 05/30/2018 Telephone: N/A

Number of Days to Update: 23 Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 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: 05/13/2018 Source: EPA
Date Data Arrived at EDR: 05/30/2018 Telephone: N/A
Date Made Active in Proports: 06/23/2018

Number of Days to Update: 23 Next Scheduled EDR Contact: 10/15/2018
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 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA

Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 05/13/2018 Date Data Arrived at EDR: 05/30/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 23

Source: EPA Telephone: N/A

Last EDR Contact: 08/09/2018

Next Scheduled EDR Contact: 10/15/2018 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 Date Data Arrived at EDR: 01/05/2017 Date Made Active in Reports: 04/07/2017

Number of Days to Update: 92

Source: Environmental Protection Agency Telephone: 703-603-8704

Last EDR Contact: 07/06/2018

Next Scheduled EDR Contact: 10/15/2018 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: 05/18/2018 Date Data Arrived at EDR: 05/30/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 23

Source: EPA Telephone: 800-424-9346

Last EDR Contact: 08/09/2018 Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 05/18/2018 Date Data Arrived at EDR: 05/30/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 23

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 08/09/2018

Next Scheduled EDR Contact: 10/29/2018 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: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 06/28/2018

Next Scheduled EDR Contact: 10/08/2018 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: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 06/28/2018

Next Scheduled EDR Contact: 10/08/2018
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: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency Telephone: (415) 495-8895

Last EDR Contact: 06/28/2018

Next Scheduled EDR Contact: 10/08/2018 Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 06/28/2018

Next Scheduled EDR Contact: 10/08/2018
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: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 06/28/2018

Next Scheduled EDR Contact: 10/08/2018 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: 05/14/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 07/16/2018

Next Scheduled EDR Contact: 11/26/2018 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: 02/13/2018 Date Data Arrived at EDR: 02/27/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 08/28/2018

Next Scheduled EDR Contact: 12/10/2018 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: 02/13/2018 Date Data Arrived at EDR: 02/27/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 08/28/2018

Next Scheduled EDR Contact: 12/10/2018

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: 03/19/2018 Date Data Arrived at EDR: 03/27/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 73

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 06/27/2018

Next Scheduled EDR Contact: 10/08/2018 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: 04/30/2018 Date Data Arrived at EDR: 05/02/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 51

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 07/31/2018

Next Scheduled EDR Contact: 11/12/2018
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 identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 04/30/2018 Date Data Arrived at EDR: 05/02/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 51

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 07/31/2018

Next Scheduled EDR Contact: 11/12/2018
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: 08/08/2018 Date Data Arrived at EDR: 08/10/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 14

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 08/10/2018

Next Scheduled EDR Contact: 11/26/2018 Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

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

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/17/2018

Number of Days to Update: 34

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 06/13/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

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

Number of Days to Update: 29

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

Telephone: 707-570-3769 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 02/26/2004 Date Data Arrived at EDR: 02/26/2004 Date Made Active in Reports: 03/24/2004

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Telephone: 760-776-8943 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005 Date Data Arrived at EDR: 06/07/2005 Date Made Active in Reports: 06/29/2005

Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-241-7365 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003 Date Data Arrived at EDR: 09/10/2003 Date Made Active in Reports: 10/07/2003

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)

Telephone: 530-542-5572 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

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

Date of Government Version: 07/01/2008 Date Data Arrived at EDR: 07/22/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 9

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

Telephone: 916-464-4834 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

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

Date of Government Version: 09/07/2004 Date Data Arrived at EDR: 09/07/2004 Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

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

Telephone: 213-576-6710 Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011 Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

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

Date of Government Version: 05/19/2003 Date Data Arrived at EDR: 05/19/2003 Date Made Active in Reports: 06/02/2003

Number of Days to Update: 14

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

Telephone: 805-542-4786 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

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

Clara, Solano, Sonoma counties.

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

Number of Days to Update: 30

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

Telephone: 510-622-2433 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Quarterly

LUST REG 8: Leaking Underground Storage Tanks

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

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

Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)

Telephone: 909-782-4496 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: Varies

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources

Control Board's LUST database.

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

Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-637-5595 Last EDR Contact: 09/26/2011

Next Scheduled EDR Contact: 01/09/2012 Data Release Frequency: No Update Planned

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Arizona, California, New Mexico and Nevada

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

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 415-972-3372 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

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

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

Number of Days to Update: 63

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 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: 04/12/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

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

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

Number of Days to Update: 63

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 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: 05/08/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 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: 04/01/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 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: 04/24/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 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: 04/25/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

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

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/17/2018

Number of Days to Update: 34

Source: State Water Resources Control Board Telephone: 866-480-1028

Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003 Date Data Arrived at EDR: 04/07/2003 Date Made Active in Reports: 04/25/2003

Number of Days to Update: 18

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

Telephone: 707-576-2220 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

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

Number of Days to Update: 30

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

Telephone: 510-286-0457 Last EDR Contact: 09/19/2011

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Quarterly

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006 Date Data Arrived at EDR: 05/18/2006 Date Made Active in Reports: 06/15/2006

Number of Days to Update: 28

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

Telephone: 805-549-3147 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: Semi-Annually

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

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

Number of Days to Update: 47

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

Telephone: 213-576-6600 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011

Data Release Frequency: Varies

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

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality

from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005 Date Data Arrived at EDR: 04/05/2005 Date Made Active in Reports: 04/21/2005

Number of Days to Update: 16

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

Telephone: 916-464-3291 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: Semi-Annually

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: 07/11/2018

Next Scheduled EDR Contact: 10/22/2018 Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/09/2018

Number of Days to Update: 26

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 06/13/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/18/2018

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

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

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/10/2018

Number of Days to Update: 27

Source: State Water Resources Control Board

Telephone: 916-327-7844 Last EDR Contact: 06/13/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

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

Number of Days to Update: 69

Source: California Environmental Protection Agency

Telephone: 916-327-5092 Last EDR Contact: 06/21/2018

Next Scheduled EDR Contact: 10/01/2018 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: 04/01/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 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: 04/10/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/24/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 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: 05/08/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 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: 04/12/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 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: 04/25/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 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: 04/12/2018 Date Data Arrived at EDR: 05/18/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 63

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

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

Number of Days to Update: 63

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 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: 04/30/2018 Date Data Arrived at EDR: 05/02/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 51

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 07/31/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

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

Number of Days to Update: 142

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 06/22/2018

Next Scheduled EDR Contact: 10/08/2018 Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing

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

Date of Government Version: 06/25/2018 Date Data Arrived at EDR: 06/27/2018 Date Made Active in Reports: 08/06/2018

Number of Days to Update: 40

Source: State Water Resources Control Board

Telephone: 916-323-7905 Last EDR Contact: 06/27/2018

Next Scheduled EDR Contact: 10/08/2018 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: 03/19/2018 Date Data Arrived at EDR: 03/21/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 06/20/2018

Next Scheduled EDR Contact: 10/01/2018 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: 07/24/2018

Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 08/06/2018

Number of Days to Update: 54

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 06/13/2018

Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

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

Date of Government Version: 05/29/2018 Date Data Arrived at EDR: 05/30/2018 Date Made Active in Reports: 07/17/2018

Number of Days to Update: 48

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 08/07/2018

Next Scheduled EDR Contact: 11/26/2018 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: 07/30/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 07/17/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service

Telephone: 301-443-1452 Last EDR Contact: 08/03/2018

Next Scheduled EDR Contact: 11/12/2018

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 02/22/2018 Date Data Arrived at EDR: 03/01/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 71

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/30/2018

Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/03/2006 Date Made Active in Reports: 08/24/2006

Number of Days to Update: 21

Source: Department of Toxic Substance Control

Telephone: 916-323-3400 Last EDR Contact: 02/23/2009

Next Scheduled EDR Contact: 05/25/2009 Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

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

Date of Government Version: 04/30/2018 Date Data Arrived at EDR: 05/02/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 51

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 07/31/2018

Next Scheduled EDR Contact: 11/12/2018 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: 12/31/2017 Date Data Arrived at EDR: 06/12/2018 Date Made Active in Reports: 08/06/2018

Number of Days to Update: 55

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 08/17/2018

Next Scheduled EDR Contact: 10/22/2018 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: 02/22/2018 Date Data Arrived at EDR: 03/01/2018 Date Made Active in Reports: 05/11/2018

Number of Days to Update: 71

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 08/28/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Quarterly

CERS HAZ WASTE: CERS HAZ WASTE

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

Date of Government Version: 04/23/2018 Date Data Arrived at EDR: 04/24/2018 Date Made Active in Reports: 06/07/2018

Number of Days to Update: 44

Source: CalEPA Telephone: 916-323-2514 Last EDR Contact: 07/25/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: N/A

Last EDR Contact: 06/03/2005 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/28/2018 Date Data Arrived at EDR: 05/25/2018 Date Made Active in Reports: 07/10/2018

Number of Days to Update: 46

Source: Department of Public Health Telephone: 707-463-4466 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

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

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-341-5851 Last EDR Contact: 07/26/2001 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 04/19/2018 Date Data Arrived at EDR: 04/24/2018 Date Made Active in Reports: 05/04/2018

Number of Days to Update: 10

Source: San Francisco County Department of Public Health

Telephone: 415-252-3896 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/19/2018

Data Release Frequency: Varies

CA FID UST: Facility Inventory Database

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

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

Number of Days to Update: 24

Source: California Environmental Protection Agency

Telephone: 916-341-5851 Last EDR Contact: 12/28/1998 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks

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

Date of Government Version: 04/23/2018 Date Data Arrived at EDR: 04/24/2018 Date Made Active in Reports: 06/07/2018

Number of Days to Update: 44

Source: California Environmental Protection Agency

Telephone: 916-323-2514 Last EDR Contact: 07/25/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/05/2018 Date Made Active in Reports: 07/18/2018

Number of Days to Update: 43

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/17/2018

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: 05/13/2018 Date Data Arrived at EDR: 05/30/2018 Date Made Active in Reports: 06/29/2018

Number of Days to Update: 30

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 08/09/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

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

Date of Government Version: 06/04/2018 Date Data Arrived at EDR: 06/06/2018 Date Made Active in Reports: 07/17/2018

Number of Days to Update: 41

Source: DTSC and SWRCB Telephone: 916-323-3400 Last EDR Contact: 06/06/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/26/2018 Date Data Arrived at EDR: 03/27/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 73

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 03/27/2018

Next Scheduled EDR Contact: 07/09/2018 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: 04/06/2018 Date Data Arrived at EDR: 04/24/2018 Date Made Active in Reports: 06/14/2018

Number of Days to Update: 51

Source: Office of Emergency Services

Telephone: 916-845-8400 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

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

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/17/2018

Number of Days to Update: 34

Source: State Water Quality Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

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

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/17/2018

Number of Days to Update: 34

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

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

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

Number of Days to Update: 50

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 03/01/2018 Date Data Arrived at EDR: 03/28/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 86

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 06/28/2018

Next Scheduled EDR Contact: 10/08/2018 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 Date Data Arrived at EDR: 07/08/2015 Date Made Active in Reports: 10/13/2015

Number of Days to Update: 97

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 12/03/2018

Data Release Frequency: Varies

DOD: Department of Defense Sites

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

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

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 07/11/2018

Next Scheduled EDR Contact: 10/22/2018 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 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 07/13/2018

Next Scheduled EDR Contact: 10/22/2018

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.

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: 08/17/2018

Next Scheduled EDR Contact: 11/26/2018 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 03/01/2018 Date Data Arrived at EDR: 03/27/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 87

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 06/27/2018

Next Scheduled EDR Contact: 10/08/2018 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: 08/03/2018

Next Scheduled EDR Contact: 11/19/2018 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: 09/30/2017 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 73

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 08/10/2018

Next Scheduled EDR Contact: 11/19/2018 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: 12/31/2016 Date Data Arrived at EDR: 06/21/2017 Date Made Active in Reports: 01/05/2018

Number of Days to Update: 198

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 06/22/2018

Next Scheduled EDR Contact: 10/01/2018 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.

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

Number of Days to Update: 2

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 12/03/2018 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: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 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: 05/13/2018 Date Data Arrived at EDR: 05/30/2018 Date Made Active in Reports: 06/29/2018

Number of Days to Update: 30

Source: EPA

Telephone: 703-416-0223 Last EDR Contact: 08/09/2018

Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 11/02/2017 Date Data Arrived at EDR: 11/17/2017 Date Made Active in Reports: 12/08/2017

Number of Days to Update: 21

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 07/20/2018

Next Scheduled EDR Contact: 11/05/2018 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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 10/17/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 3

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 08/09/2018

Next Scheduled EDR Contact: 11/19/2018 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 Date Data Arrived at EDR: 06/09/2017 Date Made Active in Reports: 10/13/2017

Number of Days to Update: 126

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 07/13/2018

Next Scheduled EDR Contact: 10/22/2018 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 Date Data Arrived at EDR: 11/23/2016 Date Made Active in Reports: 02/10/2017

Number of Days to Update: 79

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 07/09/2018

Next Scheduled EDR Contact: 10/22/2018 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 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: 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 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA Telephone: 202-566-1667

Last EDR Contact: 08/18/2017

Next Scheduled EDR Contact: 12/04/2017 Data Release Frequency: 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 Date Data Arrived at EDR: 09/08/2016 Date Made Active in Reports: 10/21/2016

Number of Days to Update: 43

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 07/23/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

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

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 06/07/2018

Next Scheduled EDR Contact: 09/17/2018 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 Date Data Arrived at EDR: 09/10/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 06/04/2018

Next Scheduled EDR Contact: 09/17/2018

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 05/24/2017 Date Data Arrived at EDR: 11/30/2017 Date Made Active in Reports: 12/15/2017

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 07/27/2018

Next Scheduled EDR Contact: 11/05/2018 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: 04/03/2018 Date Data Arrived at EDR: 04/05/2018 Date Made Active in Reports: 06/29/2018

Number of Days to Update: 85

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 07/05/2018

Next Scheduled EDR Contact: 10/15/2018 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 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

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

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

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

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

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

Date of Government Version: 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 Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 08/09/2018

Next Scheduled EDR Contact: 11/12/2018 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: 03/31/2018 Date Data Arrived at EDR: 04/16/2018 Date Made Active in Reports: 06/29/2018

Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 07/09/2018

Next Scheduled EDR Contact: 10/01/2018 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: 08/24/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

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

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

Number of Days to Update: 546

Source: USGS

Telephone: 202-208-3710 Last EDR Contact: 07/11/2018

Next Scheduled EDR Contact: 10/22/2018 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: 08/01/2018

Next Scheduled EDR Contact: 11/19/2018 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.

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: 08/20/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/13/2018 Date Data Arrived at EDR: 05/30/2018 Date Made Active in Reports: 06/29/2018

Number of Days to Update: 30

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 08/09/2018

Next Scheduled EDR Contact: 10/15/2018 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 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

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

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

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

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

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

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

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

Number of Days to Update: 100

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 09/26/2017

Next Scheduled EDR Contact: 01/08/2018 Data Release Frequency: Annually

US MINES: Mines Master Index File

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

Date of Government Version: 05/03/2018 Date Data Arrived at EDR: 05/31/2018 Date Made Active in Reports: 06/29/2018

Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

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

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

Number of Days to Update: 49

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 08/31/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

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

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

Number of Days to Update: 97

Source: USGS

Telephone: 703-648-7709 Last EDR Contact: 08/31/2018

Next Scheduled EDR Contact: 12/10/2018

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: 03/08/2018 Date Data Arrived at EDR: 03/13/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 87

Source: Department of Interior Telephone: 202-208-2609 Last EDR Contact: 06/20/2018

Next Scheduled EDR Contact: 09/24/2018 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: 02/21/2018 Date Data Arrived at EDR: 02/23/2018 Date Made Active in Reports: 03/23/2018

Number of Days to Update: 28

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 06/06/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

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

Date of Government Version: 02/25/2018 Date Data Arrived at EDR: 03/17/2018 Date Made Active in Reports: 06/08/2018

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-564-2280 Last EDR Contact: 06/06/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016 Date Data Arrived at EDR: 10/31/2017 Date Made Active in Reports: 01/12/2018

Number of Days to Update: 73

Source: Department of Defense Telephone: 703-704-1564 Last EDR Contact: 07/13/2018

Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 01/04/2018 Date Data Arrived at EDR: 01/19/2018 Date Made Active in Reports: 04/13/2018

Number of Days to Update: 84

Source: Environmental Protection Agency

Telephone: 202-564-0527 Last EDR Contact: 08/31/2018

Next Scheduled EDR Contact: 12/10/2018 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: 02/20/2018 Date Data Arrived at EDR: 02/21/2018 Date Made Active in Reports: 03/23/2018

Number of Days to Update: 30

Source: EPA

Telephone: 800-385-6164 Last EDR Contact: 08/22/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of

Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989 Date Data Arrived at EDR: 07/27/1994 Date Made Active in Reports: 08/02/1994

Number of Days to Update: 6

Source: Department of Health Services

Telephone: 916-255-2118 Last EDR Contact: 05/31/1994 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste

Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/25/2018 Date Data Arrived at EDR: 06/27/2018 Date Made Active in Reports: 08/06/2018

Number of Days to Update: 40

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 06/27/2018

Next Scheduled EDR Contact: 10/08/2018 Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

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

Date of Government Version: 04/03/2018 Date Data Arrived at EDR: 05/07/2018 Date Made Active in Reports: 06/15/2018

Number of Days to Update: 39

Source: Livermore-Pleasanton Fire Department

Telephone: 925-454-2361 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 11/26/2018

Data Release Frequency: Varies

CUPA SAN FRANCISCO CO: CUPA SAN FRANCISCO CO

Cupa facilities

Date of Government Version: 04/20/2018 Date Data Arrived at EDR: 04/24/2018 Date Made Active in Reports: 05/04/2018

Number of Days to Update: 10

Source: San Francisco County Department of Environmental Health

Telephone: 415-252-3896 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: DRYCLEAN SOUTH COAST

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

Date of Government Version: 03/16/2018 Date Data Arrived at EDR: 03/20/2018 Date Made Active in Reports: 05/04/2018

Number of Days to Update: 45

Source: South Coast Air Quality Management District

Telephone: 909-396-3211 Last EDR Contact: 08/22/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

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

Date of Government Version: 06/25/2018 Date Data Arrived at EDR: 06/28/2018 Date Made Active in Reports: 08/06/2018

Number of Days to Update: 39

Source: Antelope Valley Air Quality Management District

Telephone: 661-723-8070 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/17/2018

DRYCLEANERS: Cleaner Facilities

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

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/20/2018 Date Made Active in Reports: 08/06/2018

Number of Days to Update: 47

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Annually

EMI: Emissions Inventory Data

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

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

Number of Days to Update: 47

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 06/20/2018

Next Scheduled EDR Contact: 10/01/2018 Data Release Frequency: Varies

ENF: Enforcement Action Listing

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

Date of Government Version: 04/18/2018 Date Data Arrived at EDR: 04/24/2018 Date Made Active in Reports: 07/06/2018

Number of Days to Update: 73

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/18/2018 Date Data Arrived at EDR: 04/20/2018 Date Made Active in Reports: 06/19/2018

Number of Days to Update: 60

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 07/17/2018

Next Scheduled EDR Contact: 11/05/2018

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: 05/14/2018 Date Data Arrived at EDR: 05/15/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 38

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 08/07/2018

Next Scheduled EDR Contact: 11/26/2018 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 Date Data Arrived at EDR: 07/12/2017 Date Made Active in Reports: 10/17/2017

Number of Days to Update: 97

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 07/13/2018

Next Scheduled EDR Contact: 10/22/2018 Data Release Frequency: Annually

ICE: ICE

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

Date of Government Version: 05/21/2018 Date Data Arrived at EDR: 05/23/2018 Date Made Active in Reports: 07/17/2018

Number of Days to Update: 55

Source: Department of Toxic Subsances Control

Telephone: 877-786-9427 Last EDR Contact: 08/21/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

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

Number of Days to Update: 76

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 01/22/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 05/21/2018 Date Data Arrived at EDR: 05/23/2018 Date Made Active in Reports: 07/17/2018

Number of Days to Update: 55

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 08/21/2018

Next Scheduled EDR Contact: 12/03/2018 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: 07/09/2018 Date Data Arrived at EDR: 07/11/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 44

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 07/11/2018

Next Scheduled EDR Contact: 10/22/2018 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: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 08/06/2018

Number of Days to Update: 54

Source: Department of Conservation

Telephone: 916-322-1080 Last EDR Contact: 06/13/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

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

Date of Government Version: 05/23/2018 Date Data Arrived at EDR: 06/06/2018 Date Made Active in Reports: 07/18/2018

Number of Days to Update: 42

Source: Department of Public Health Telephone: 916-558-1784 Last EDR Contact: 06/06/2018 Next Scheduled EDR Contact: 09/17/2018

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/14/2018 Date Data Arrived at EDR: 05/16/2018 Date Made Active in Reports: 07/05/2018

Number of Days to Update: 50

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 08/10/2018

Next Scheduled EDR Contact: 11/26/2018 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: 06/04/2018 Date Data Arrived at EDR: 06/06/2018 Date Made Active in Reports: 07/19/2018

Number of Days to Update: 43

Source: Department of Pesticide Regulation

Telephone: 916-445-4038 Last EDR Contact: 06/06/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Quarterly

PROC: Certified Processors Database A listing of certified processors.

> Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 08/06/2018

Number of Days to Update: 54

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 06/13/2018

Next Scheduled EDR Contact: 09/24/2018 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: 06/18/2018 Date Data Arrived at EDR: 06/20/2018 Date Made Active in Reports: 08/06/2018

Number of Days to Update: 47

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 06/14/2018

Next Scheduled EDR Contact: 10/01/2018 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: 04/27/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/17/2018

Number of Days to Update: 34

Source: Deaprtment of Conservation

Telephone: 916-445-2408 Last EDR Contact: 06/13/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

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

Date of Government Version: 04/10/2018 Date Data Arrived at EDR: 04/13/2018 Date Made Active in Reports: 06/19/2018

Number of Days to Update: 67

Source: RWQCB, Central Valley Region

Telephone: 559-445-5577 Last EDR Contact: 07/11/2018

Next Scheduled EDR Contact: 10/22/2018

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007 Date Data Arrived at EDR: 06/20/2007 Date Made Active in Reports: 06/29/2007

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227 Last EDR Contact: 08/17/2018

Next Scheduled EDR Contact: 12/03/2018 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: 06/25/2018

Next Scheduled EDR Contact: 10/08/2018

Data Release Frequency: Varies

SAMPLING POINT: Sampling Point? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/18/2018

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/18/2018

Number of Days to Update: 35

Source: State Water Resource Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/18/2018

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

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

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/18/2018

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Varies

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 06/04/2018 Date Data Arrived at EDR: 06/06/2018 Date Made Active in Reports: 07/13/2018

Number of Days to Update: 37

Source: State Water Resources Control Board

Telephone: 866-794-4977 Last EDR Contact: 06/06/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Varies

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

Other Oil & Gas Projects sites

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/18/2018

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Varies

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

Non-Case Information sites

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/18/2018

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

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

Date of Government Version: 04/23/2018 Date Data Arrived at EDR: 04/24/2018 Date Made Active in Reports: 06/07/2018

Number of Days to Update: 44

Source: California Environmental Protection Agency

Telephone: 916-323-2514 Last EDR Contact: 07/25/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/18/2018

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018

Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 06/11/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/18/2018

Number of Days to Update: 35

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 12/12/2018

Next Scheduled EDR Contact: 09/24/2018

Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A Date Data Arrived at EDR: N/A Date Made Active in Reports: N/A Number of Days to Update: N/A Source: EDR, Inc. Telephone: N/A Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

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

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

Source: Department of Resources Recycling and Recovery

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

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

Source: State Water Resources Control Board

Telephone: N/A

Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination

from leaking petroleum USTs).

Date of Government Version: 04/05/2018 Date Data Arrived at EDR: 04/10/2018 Date Made Active in Reports: 06/14/2018

Number of Days to Update: 65

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 10/22/2018 Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/05/2018 Date Data Arrived at EDR: 04/10/2018 Date Made Active in Reports: 05/04/2018

Number of Days to Update: 24

Source: Alameda County Environmental Health Services

Telephone: 510-567-6700 Last EDR Contact: 07/05/2018

Next Scheduled EDR Contact: 04/24/2047 Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

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

Number of Days to Update: 27

Source: Amador County Environmental Health

Telephone: 209-223-6439 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing

Cupa facility list.

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

Number of Days to Update: 106

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 07/05/2018

Next Scheduled EDR Contact: 10/22/2018 Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing

Cupa Facility Listing

Date of Government Version: 08/02/2018 Date Data Arrived at EDR: 08/06/2018 Date Made Active in Reports: 08/20/2018

Number of Days to Update: 14

Source: Calveras County Environmental Health

Telephone: 209-754-6399 Last EDR Contact: 06/25/2018

Next Scheduled EDR Contact: 10/08/2018 Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List

Cupa facility list.

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

Number of Days to Update: 50

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 08/17/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

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

Date of Government Version: 05/21/2018 Date Data Arrived at EDR: 05/25/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 56

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 07/30/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List

Cupa Facility list

Date of Government Version: 04/27/2018 Date Data Arrived at EDR: 05/02/2018 Date Made Active in Reports: 06/15/2018

Number of Days to Update: 44

Source: Del Norte County Environmental Health Division

Telephone: 707-465-0426 Last EDR Contact: 07/24/2018

Next Scheduled EDR Contact: 11/12/2018

Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List

CUPA facility list.

Date of Government Version: 07/12/2018 Date Data Arrived at EDR: 07/12/2018 Date Made Active in Reports: 08/20/2018

Number of Days to Update: 39

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 07/30/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

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

Date of Government Version: 07/11/2018 Date Data Arrived at EDR: 07/17/2018 Date Made Active in Reports: 08/30/2018

Number of Days to Update: 44

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 07/11/2018

Next Scheduled EDR Contact: 10/15/2018 Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List

Cupa facility list

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

Number of Days to Update: 49

Source: Glenn County Air Pollution Control District

Telephone: 830-934-6500 Last EDR Contact: 07/17/2018

Next Scheduled EDR Contact: 11/05/2018

Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List

CUPA facility list.

Date of Government Version: 07/11/2018 Date Data Arrived at EDR: 07/13/2018 Date Made Active in Reports: 08/22/2018

Number of Days to Update: 40

Telephone: N/A

Last EDR Contact: 08/20/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Semi-Annually

Source: Humboldt County Environmental Health

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List

Cupa facility list.

Date of Government Version: 04/23/2018 Date Data Arrived at EDR: 04/25/2018 Date Made Active in Reports: 06/14/2018

Number of Days to Update: 50

Source: San Diego Border Field Office

Telephone: 760-339-2777 Last EDR Contact: 07/17/2018

Next Scheduled EDR Contact: 11/05/2018

Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List

Cupa facility list.

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

Number of Days to Update: 72

Source: Invo County Environmental Health Services

Telephone: 760-878-0238 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/03/2018

Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 05/02/2018 Date Data Arrived at EDR: 05/07/2018 Date Made Active in Reports: 07/18/2018

Number of Days to Update: 72

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 07/20/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

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

Date of Government Version: 06/12/2018 Date Data Arrived at EDR: 06/15/2018 Date Made Active in Reports: 07/13/2018

Number of Days to Update: 28

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 08/17/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 08/08/2018 Date Data Arrived at EDR: 08/09/2018 Date Made Active in Reports: 08/22/2018

Number of Days to Update: 13

Source: Lake County Environmental Health

Telephone: 707-263-1164 Last EDR Contact: 07/16/2018

Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List

Cupa facility list

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

Number of Days to Update: 49

Source: Lassen County Environmental Health

Telephone: 530-251-8528 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: 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: 06/13/2018

Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/12/2018 Date Data Arrived at EDR: 04/16/2018 Date Made Active in Reports: 06/15/2018

Number of Days to Update: 60

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 07/05/2018

Next Scheduled EDR Contact: 10/22/2018 Data Release Frequency: Semi-Annually

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

Date of Government Version: 07/16/2018 Date Data Arrived at EDR: 07/18/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 37

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 07/18/2018

Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018 Date Data Arrived at EDR: 05/01/2018 Date Made Active in Reports: 05/14/2018

Number of Days to Update: 13

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 07/11/2018

Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/01/2018 Date Data Arrived at EDR: 04/17/2018 Date Made Active in Reports: 06/19/2018

Number of Days to Update: 63

Source: Community Health Services

Telephone: 323-890-7806 Last EDR Contact: 07/20/2018

Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Annually

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

Date of Government Version: 01/21/2017 Date Data Arrived at EDR: 04/19/2017 Date Made Active in Reports: 05/10/2017

Number of Days to Update: 21

Source: City of El Segundo Fire Department

Telephone: 310-524-2236 Last EDR Contact: 07/11/2018

Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Semi-Annually

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

Date of Government Version: 03/09/2017 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: 07/17/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Annually

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

Date of Government Version: 01/04/2018 Date Data Arrived at EDR: 01/05/2018 Date Made Active in Reports: 01/18/2018

Number of Days to Update: 13

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 07/23/2018

Next Scheduled EDR Contact: 10/22/2018 Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

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

Date of Government Version: 05/22/2018 Date Data Arrived at EDR: 05/24/2018 Date Made Active in Reports: 07/31/2018

Number of Days to Update: 68

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 08/17/2018

Next Scheduled EDR Contact: 12/03/2018

Data Release Frequency: Varies

MARIN COUNTY:

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

> Date of Government Version: 03/30/2018 Date Data Arrived at EDR: 04/06/2018 Date Made Active in Reports: 05/04/2018

Number of Days to Update: 28

Source: Public Works Department Waste Management

Telephone: 415-473-6647 Last EDR Contact: 07/11/2018

Next Scheduled EDR Contact: 10/15/2018 Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List CUPA facility list.

Date of Government Version: 05/30/2018 Date Data Arrived at EDR: 06/01/2018 Date Made Active in Reports: 07/13/2018

Number of Days to Update: 42

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/03/2018

Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List CUPA Facility List

> Date of Government Version: 05/22/2018 Date Data Arrived at EDR: 05/24/2018 Date Made Active in Reports: 07/13/2018

Number of Days to Update: 50

Source: Mono County Health Department

Telephone: 760-932-5580 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/13/2018 Date Data Arrived at EDR: 06/19/2018 Date Made Active in Reports: 07/20/2018

Number of Days to Update: 31

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 07/02/2018

Next Scheduled EDR Contact: 10/15/2018 Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination

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

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

Number of Days to Update: 50

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites Underground storage tank sites located in Napa county.

Date of Government Version: 05/23/2018 Date Data Arrived at EDR: 05/31/2018 Date Made Active in Reports: 07/11/2018

Number of Days to Update: 41

Source: Napa County Department of Environmental Management

Telephone: 707-253-4269 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 12/10/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 04/24/2018 Date Data Arrived at EDR: 05/01/2018 Date Made Active in Reports: 06/15/2018

Number of Days to Update: 45

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 07/24/2018

Next Scheduled EDR Contact: 11/12/2018 Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 04/02/2018 Date Data Arrived at EDR: 05/11/2018 Date Made Active in Reports: 06/22/2018

Number of Days to Update: 42

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/07/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 04/02/2018 Date Data Arrived at EDR: 05/11/2018 Date Made Active in Reports: 06/25/2018

Number of Days to Update: 45

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 08/03/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Quarterly

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

Date of Government Version: 04/02/2018 Date Data Arrived at EDR: 05/08/2018 Date Made Active in Reports: 07/10/2018

Number of Days to Update: 63

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 08/06/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/31/2018 Date Data Arrived at EDR: 06/05/2018 Date Made Active in Reports: 07/18/2018

Number of Days to Update: 43

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 01/22/2018 Date Data Arrived at EDR: 01/24/2018 Date Made Active in Reports: 03/15/2018

Number of Days to Update: 50

Source: Plumas County Environmental Health

Telephone: 530-283-6355 Last EDR Contact: 07/17/2018

Next Scheduled EDR Contact: 11/05/2018

Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 07/09/2018 Date Data Arrived at EDR: 07/13/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 42

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 06/18/2018

Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/05/2018 Date Data Arrived at EDR: 04/10/2018 Date Made Active in Reports: 05/04/2018

Number of Days to Update: 24

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 06/18/2018

Next Scheduled EDR Contact: 10/01/2018 Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

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

Date of Government Version: 05/07/2018 Date Data Arrived at EDR: 07/03/2018 Date Made Active in Reports: 08/13/2018

Number of Days to Update: 41

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 07/03/2018

Next Scheduled EDR Contact: 10/15/2018 Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

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

Date of Government Version: 05/14/2018 Date Data Arrived at EDR: 07/03/2018 Date Made Active in Reports: 08/13/2018

Number of Days to Update: 41

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 07/03/2018

Next Scheduled EDR Contact: 10/15/2018 Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 05/16/2018 Date Data Arrived at EDR: 05/22/2018 Date Made Active in Reports: 07/13/2018

Number of Days to Update: 52

Source: San Benito County Environmental Health

Telephone: N/A

Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/19/2018

Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

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

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 06/19/2018

Number of Days to Update: 69

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 07/24/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

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

Date of Government Version: 06/04/2018 Date Data Arrived at EDR: 06/06/2018 Date Made Active in Reports: 07/17/2018

Number of Days to Update: 41

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 06/06/2018

Next Scheduled EDR Contact: 09/17/2018 Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

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

Number of Days to Update: 56

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 07/17/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

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

Date of Government Version: 07/17/2018 Date Data Arrived at EDR: 07/24/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 31

Source: Department of Environmental Health

Telephone: 858-505-6874 Last EDR Contact: 07/17/2018

Next Scheduled EDR Contact: 11/05/2018

Data Release Frequency: Varies

SAN DIEGO CO. SAM: Environmental Case Listing

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

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

Number of Days to Update: 24

Source: San Diego County Department of Environmental Health

Telephone: 619-338-2371 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/17/2018

Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversite Facilities

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

Date of Government Version: 09/19/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 09/29/2008

Number of Days to Update: 10

Source: Department Of Public Health San Francisco County

Telephone: 415-252-3920 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 06/07/2018 Date Data Arrived at EDR: 06/12/2018 Date Made Active in Reports: 07/10/2018

Number of Days to Update: 28

Source: Department of Public Health Telephone: 415-252-3920

Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/19/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

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

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

Number of Days to Update: 15

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 06/14/2018

Next Scheduled EDR Contact: 10/01/2018 Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

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

Date of Government Version: 05/16/2018 Date Data Arrived at EDR: 05/22/2018 Date Made Active in Reports: 07/17/2018

Number of Days to Update: 56

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 08/17/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory

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

Date of Government Version: 06/12/2018 Date Data Arrived at EDR: 06/15/2018 Date Made Active in Reports: 08/06/2018

Number of Days to Update: 52

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 06/06/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

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

Date of Government Version: 06/12/2018 Date Data Arrived at EDR: 06/15/2018 Date Made Active in Reports: 08/13/2018

Number of Days to Update: 59

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 06/06/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 08/17/2018

Next Scheduled EDR Contact: 12/03/2018

Data Release Frequency: Varies

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 05/16/2018 Date Data Arrived at EDR: 05/23/2018 Date Made Active in Reports: 07/17/2018

Number of Days to Update: 55

Source: Department of Environmental Health

Telephone: 408-918-1973 Last EDR Contact: 08/17/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Varies

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

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

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

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600 Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009 Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing

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

Date of Government Version: 03/03/2014 Date Data Arrived at EDR: 03/05/2014 Date Made Active in Reports: 03/18/2014

Number of Days to Update: 13

Source: Department of Environmental Health

Telephone: 408-918-3417 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 12/10/2018 Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/16/2018 Date Data Arrived at EDR: 05/22/2018 Date Made Active in Reports: 07/19/2018

Number of Days to Update: 58

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List CUPA facility listing.

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

Number of Days to Update: 90

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 08/17/2018

Next Scheduled EDR Contact: 12/03/2018

Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List Cupa Facility List.

> Date of Government Version: 06/15/2017 Date Data Arrived at EDR: 06/19/2017 Date Made Active in Reports: 08/09/2017

Number of Days to Update: 51

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 08/17/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

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

Date of Government Version: 06/04/2018 Date Data Arrived at EDR: 06/08/2018 Date Made Active in Reports: 07/18/2018

Number of Days to Update: 40

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2018 Date Data Arrived at EDR: 06/12/2018 Date Made Active in Reports: 07/12/2018

Number of Days to Update: 30

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List

Cupa Facility list

Date of Government Version: 06/19/2018 Date Data Arrived at EDR: 06/26/2018 Date Made Active in Reports: 07/17/2018

Number of Days to Update: 21

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174 Last EDR Contact: 06/21/2018

Next Scheduled EDR Contact: 10/08/2018

Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

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

Date of Government Version: 07/03/2018 Date Data Arrived at EDR: 07/10/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 45

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 06/21/2018

Next Scheduled EDR Contact: 10/08/2018 Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List

Cupa facility list

Date of Government Version: 08/14/2018 Date Data Arrived at EDR: 08/16/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 8

Source: Stanislaus County Department of Ennvironmental Protection

Telephone: 209-525-6751 Last EDR Contact: 07/16/2018

Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/04/2018 Date Data Arrived at EDR: 06/08/2018 Date Made Active in Reports: 07/11/2018

Number of Days to Update: 33

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 08/29/2018

Next Scheduled EDR Contact: 12/17/2018 Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List

Cupa facilities

Date of Government Version: 01/26/2018 Date Data Arrived at EDR: 02/02/2018 Date Made Active in Reports: 03/21/2018

Number of Days to Update: 47

Source: Tehama County Department of Environmental Health

Telephone: 530-527-8020 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/19/2018 Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List

Cupa facility list

Date of Government Version: 04/23/2018 Date Data Arrived at EDR: 04/25/2018 Date Made Active in Reports: 06/15/2018

Number of Days to Update: 51

Source: Department of Toxic Substances Control

Telephone: 760-352-0381 Last EDR Contact: 07/17/2018

Next Scheduled EDR Contact: 11/05/2018

Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

> Date of Government Version: 03/19/2018 Date Data Arrived at EDR: 03/22/2018 Date Made Active in Reports: 04/17/2018

Number of Days to Update: 26

Source: Tulare County Environmental Health Services Division

Telephone: 559-624-7400 Last EDR Contact: 08/24/2018

Next Scheduled EDR Contact: 11/19/2018

Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List

Cupa facility list

Date of Government Version: 04/23/2018 Date Data Arrived at EDR: 04/25/2018 Date Made Active in Reports: 06/25/2018

Number of Days to Update: 61

Source: Divison of Environmental Health

Telephone: 209-533-5633 Last EDR Contact: 07/17/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

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

Date of Government Version: 03/26/2018 Date Data Arrived at EDR: 04/25/2018

Date Made Active in Reports: 06/22/2018

Number of Days to Update: 58

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 07/23/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

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

Date of Government Version: 12/01/2011 Date Data Arrived at EDR: 12/01/2011 Date Made Active in Reports: 01/19/2012

Number of Days to Update: 49

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 06/27/2018

Next Scheduled EDR Contact: 10/15/2018 Data Release Frequency: Annually

LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

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

Number of Days to Update: 37

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 08/07/2018

Next Scheduled EDR Contact: 11/26/2018 Data Release Frequency: Quarterly

MED WASTE VENTURA: Medical Waste Program List

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

Date of Government Version: 07/02/2018 Date Data Arrived at EDR: 07/26/2018 Date Made Active in Reports: 08/24/2018

Number of Days to Update: 29

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 07/23/2018

Next Scheduled EDR Contact: 11/05/2018 Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

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

Date of Government Version: 04/26/2018 Date Data Arrived at EDR: 06/13/2018 Date Made Active in Reports: 07/11/2018

Number of Days to Update: 28

Source: Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 06/13/2018

Next Scheduled EDR Contact: 09/24/2018 Data Release Frequency: Quarterly

YOLO COUNTY:

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

Date of Government Version: 06/20/2018 Date Data Arrived at EDR: 07/03/2018 Date Made Active in Reports: 07/12/2018

Number of Days to Update: 9

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 06/27/2018

Next Scheduled EDR Contact: 10/15/2018 Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/10/2018 Date Data Arrived at EDR: 05/15/2018 Date Made Active in Reports: 06/15/2018

Number of Days to Update: 31

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 08/07/2018

Next Scheduled EDR Contact: 11/12/2018

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: 01/03/2018 Date Data Arrived at EDR: 02/14/2018 Date Made Active in Reports: 03/22/2018

Number of Days to Update: 36

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375 Last EDR Contact: 08/09/2018

Next Scheduled EDR Contact: 11/26/2018

Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 07/13/2018 Date Made Active in Reports: 08/01/2018

Number of Days to Update: 19

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 07/13/2018

Next Scheduled EDR Contact: 10/22/2018 Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD

acility.

Date of Government Version: 07/01/2018 Date Data Arrived at EDR: 08/01/2018 Date Made Active in Reports: 08/31/2018

Number of Days to Update: 30

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 08/01/2018

Next Scheduled EDR Contact: 11/12/2018 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: 07/12/2018

Next Scheduled EDR Contact: 10/29/2018 Data Release Frequency: Annually

RI MANIFEST: Manifest information Hazardous waste manifest information

> Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 02/23/2018 Date Made Active in Reports: 04/09/2018

Number of Days to Update: 45

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 08/21/2018

Next Scheduled EDR Contact: 12/03/2018 Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017 Date Data Arrived at EDR: 06/15/2018 Date Made Active in Reports: 07/09/2018

Number of Days to Update: 24

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/11/2018

Next Scheduled EDR Contact: 09/24/2018 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.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary

and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are

comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

INTEGRAL COMMUNITIES-SCV 28402 BOUQUET CANYON ROAD SANTA CLARITA, CA 91350

TARGET PROPERTY COORDINATES

Latitude (North): 34.457376 - 34° 27' 26.55" Longitude (West): 118.494791 - 118° 29' 41.25"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 362694.8 UTM Y (Meters): 3813688.5

Elevation: 1453 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5636825 MINT CANYON, CA

Version Date: 2012

West Map: 5636847 NEWHALL, CA

Version Date: 2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

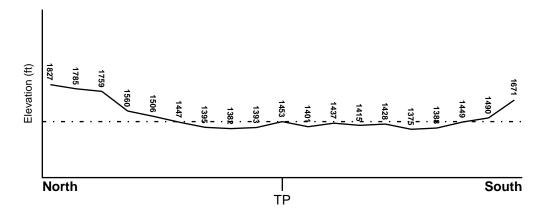
TOPOGRAPHIC INFORMATION

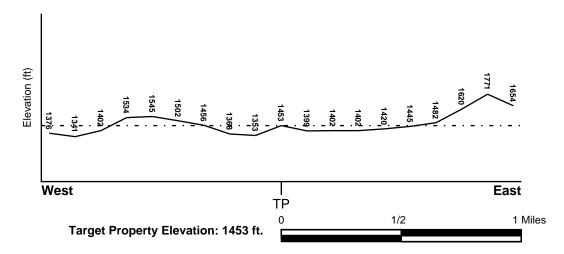
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property FEMA Source Type

06037C0830F FEMA FIRM Flood data

Additional Panels in search area: FEMA Source Type

06037C0810F FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

NOT AVAILABLE YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

LOCATION GENERAL DIRECTION

MAP ID FROM TP GROUNDWATER FLOW

Not Reported

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

GEOLOGIC AGE IDENTIFICATION

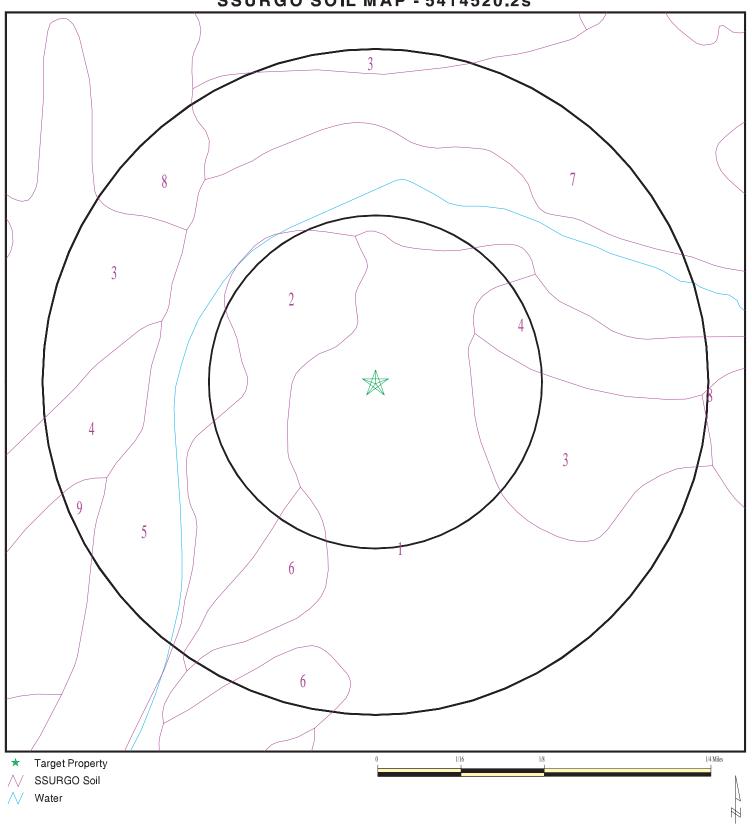
Era: Cenozoic Category: Continental Deposits

System: Tertiary Series: Miocene

Code: Tmc (decoded above as Era, System & Series)

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 - 5414520.2s



SITE NAME: Integral Communities-SCV ADDRESS: 28402 Bouquet Canyon Road Santa Clarita CA 91350

LAT/LONG: 34.457376 / 118.494791

CLIENT: Ramboll CONTACT: Stephanie Eckelman

INQUIRY#: 5414520.2s

DATE: September 05, 2018 2:28 pm

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: Ojai

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information								
	Вои	ındary		Classi	fication	Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)	
1	0 inches	25 inches	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	
2	25 inches	53 inches	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	
3	53 inches	59 inches	sandy 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: 2

Soil Component Name: Sorrento

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

			Soil Layer	Information			
	Воц	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)
1	0 inches	7 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	7 inches	72 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay. FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 7.4

Soil Map ID: 3

Soil Component Name: Yolo
Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information							
	Bou	ındary		Classi	fication	Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Oon Roadion	
1	0 inches	18 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6	
2	18 inches	72 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 7.3 Min: 5.6	

Soil Map ID: 4

Soil Component Name: Mocho

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information							
	Вои	ındary		Classi	fication	Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class AASHTO Group Unified Soil condu	conductivity micro m/sec	Soil Reaction (pH)			
1	0 inches	14 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.4	
2	14 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.4	

Soil Map ID: 5

Soil Component Name: Metz

Soil Surface Texture: loamy sand

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

excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information								
	Воц	ındary		Classi	fication	Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec (pH)			
1	0 inches	7 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.6		

	Soil Layer Information							
	Bou	ndary		Classi	fication	Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity Soil Reacti		
2	7 inches	59 inches	stratified sand to loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.6	

Soil Map ID: 6

Soil Component Name: Hanford

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information								
	Bou	ındary		Classification		Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity Soil Reaction micro m/sec (pH)			
1	0 inches	7 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1		

	Soil Layer Information							
	Boundary			Classification		Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec (pH)		
2	7 inches	70 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1	

Soil Map ID: 7

Soil Component Name: Mocho

Soil Surface Texture: loam

Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse Hydrologic Group:

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Bou	ındary		Classi	fication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	14 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	14 inches	59 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 14 Min: 4	Max: 8.4 Min: 7.4

Soil Map ID: 8

Soil Component Name: Saugus

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information								
	Bou	ındary	Soil Texture Class	Classi	fication	Saturated hydraulic			
Layer	Upper	Lower		AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)		
1	0 inches	14 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0 Min: 0	Max: Min:		
2	14 inches	42 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0 Min: 0	Max: Min:		
3	42 inches	46 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0 Min: 0	Max: Min:		

Soil Map ID: 9

Soil Component Name: Hanford

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information								
	Воц	ındary		Classi	fication	Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec			
1	0 inches	7 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1		
2	7 inches	70 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1		

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 1.000 miles

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

No Wells Found

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID LOCATION FROM TP

No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

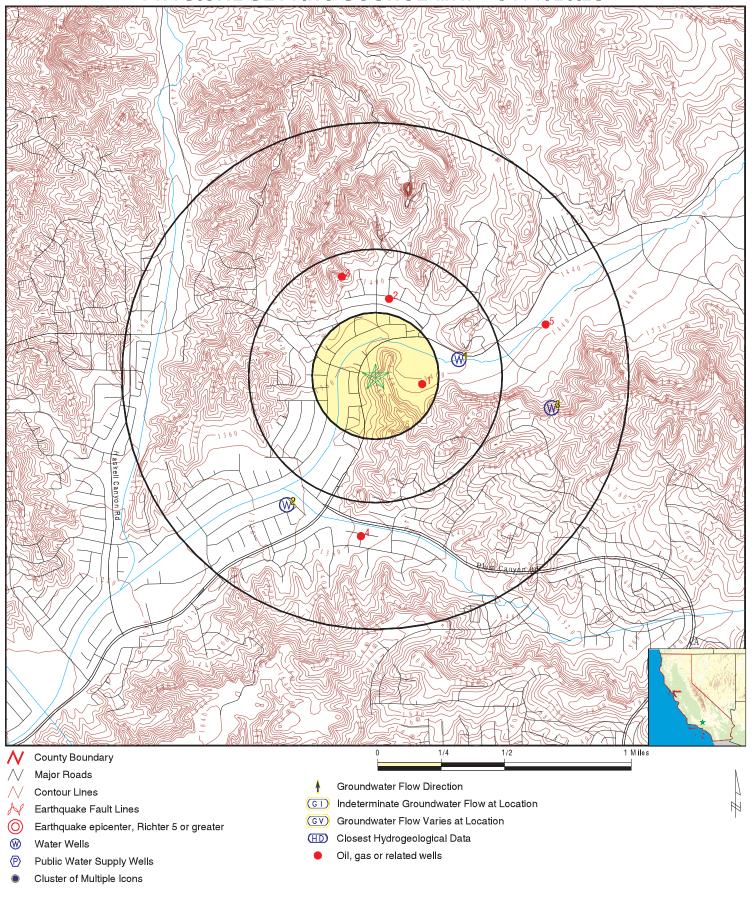
MAP ID	WELL ID	LOCATION FROM TP
1	4500	1/4 - 1/2 Mile ENE
2	4501	1/2 - 1 Mile SW
3	4499	1/2 - 1 Mile East

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG11000282861	1/8 - 1/4 Mile East
2	CAOG11000280635	1/4 - 1/2 Mile North
3	CAOG11000280654	1/4 - 1/2 Mile NNW
4	CAOG11000280880	1/2 - 1 Mile South
5	CAOG11000282527	1/2 - 1 Mile ENE

PHYSICAL SETTING SOURCE MAP - 5414520.2s



SITE NAME: Integral Communities-SCV
ADDRESS: 28402 Bouquet Canyon Road
Santa Clarita CA 91350
LAT/LONG: 34.457376 / 118.494791

CLIENT: Ramboll CONTACT: Stephani

CONTACT: Stephanie Eckelman INQUIRY #: 5414520.2s

DATE: September 05, 2018 2:28 pm

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Мар	ID
Dire	ction
Dista	ance

istance levation			Database EDR ID Number
NE 4 - 1/2 Mile ower			CA WELLS 4500
Seq:	4500	Prim sta c:	04N/15W-06J01 S
Frds no:	1900011001	County:	19
District:	49	User id:	19C
System no:	1900011	Water type:	G
Source nam:	WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	342730.0	Longitude:	1182917.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1900011	System nam:	CAMP SCOTT & CAMP SCUDDER
Hqname:	Not Reported	Address:	28700 S. BOUQUET CYN RD.
City:	SAUGUS	State:	CA
Zip:	91350	Zip ext:	Not Reported
Pop serv:	230	Connection:	2
Area serve:	Not Reported		

SW 1/2 - 1 Mile Lower

2		
SW	CA WELLS	4501

Seq: Frds no: District: System no: Source nam: Latitude: Precision: Comment 1: Comment 3: Comment 5: Comment 7:	4501 1910017006 07 1910017 GUIDA 342700.0 8 Not Reported Not Reported Not Reported Not Reported Not Reported	Prim sta c: County: User id: Water type: Station ty: Longitude: Status: Comment 2: Comment 4: Comment 6:	04N/15W-06P01 S 19 4TH G WELL/AMBNT/MUN/INTAKE/SUPPLY 1183000.0 AU Not Reported Not Reported Not Reported
System no: Hqname: City: Zip: Pop serv: Area serve:	1910017 Not Reported SANTA CLARITA 91380 49500 SAUGUS	System nam: Address: State: Zip ext: Connection:	SANTA CLARITA WATER CO. P.O. BOX 903 CA Not Reported 19503
Sample date: Chemical: Dlr:	07-FEB-18 NITRATE (AS N) 0.4	Finding: Report units:	4.3 MG/L
Sample date: Chemical: Dlr:	07-FEB-18 BORON 100.	Finding: Report units:	640. UG/L
Sample date: Chemical: Dlr:	01-NOV-17 BORON 100.	Finding: Report units:	610. UG/L

01-NOV-17 Sample date: 4.5 Finding: NITRATE (AS N) Chemical: Report units: MG/L DIr: Sample date: 02-AUG-17 Finding: 580. **BORON** Chemical: Report units: UG/L DIr: 100. Finding: Sample date: 02-AUG-17 4.3 Chemical: NITRATE (AS N) Report units: MG/L DIr: 0.4 Sample date: 18-MAY-17 Finding: 91. Chemical: **CALCIUM** Report units: MG/L DIr: Sample date: 18-MAY-17 Finding: 3.9 NITRATE + NITRITE (AS N) Chemical: Report units: MG/L DIr: 0.4 Sample date: 18-MAY-17 Finding: 13. Chemical: AGGRSSIVE INDEX (CORROSIVITY) Report units: Not Reported DIr: Sample date: 18-MAY-17 Finding: 0.17 Chemical: TURBIDITY, LABORATORY Report units: NTU DIr: Sample date: 18-MAY-17 Finding: 1.3 Chemical: LANGELIER INDEX @ 60 C Report units: Not Reported DIr: 18-MAY-17 870. Sample date: Finding: TOTAL DISSOLVED SOLIDS Report units: Chemical: MG/L DIr: Sample date: 18-MAY-17 Finding: 0.46 Chemical: FLUORIDE (F) (NATURAL-SOURCE) Report units: MG/L DIr: 0.1 Sample date: 18-MAY-17 Finding: 260. Report units: Chemical: **SULFATE** MG/L DIr: 0.5 Sample date: 18-MAY-17 Finding: 96. Chemical: **CHLORIDE** Report units: MG/L DIr: Sample date: 18-MAY-17 Finding: 2. Chemical: ODOR THRESHOLD @ 60 C Report units: TON DIr: Sample date: 18-MAY-17 Finding: 1300. Chemical: SPECIFIC CONDUCTANCE Report units: US 18-MAY-17 Sample date: Finding: 7.8 Chemical: PH, LABORATORY Report units: Not Reported 0. Sample date: 18-MAY-17 300. Finding:

ALKALINITY (TOTAL) AS CACO3

Chemical:

MG/L

Report units:

Dlr: 0. Sample date: 18-MAY-17 Finding: 360. **BICARBONATE ALKALINITY** Chemical: Report units: MG/L DIr: 0. Sample date: 18-MAY-17 Finding: 3.9 Chemical: NITRATE (AS N) Report units: MG/L DIr: 0.4 430. Sample date: 18-MAY-17 Finding: Chemical: HARDNESS (TOTAL) AS CACO3 Report units: MG/L DIr: Sample date: 18-MAY-17 49. Finding: **MAGNESIUM** Chemical: Report units: MG/L DIr: 18-MAY-17 Sample date: Finding: 110. SODIUM Chemical: Report units: MG/L DIr: 18-MAY-17 Sample date: Finding: 2.8 **POTASSIUM** Report units: Chemical: MG/L DIr: 0. 03-MAY-17 Sample date: Finding: 4.4 Chemical: NITRATE (AS N) Report units: MG/L DIr: 0.4 Sample date: 03-MAY-17 Finding: 580. Chemical: **BORON** Report units: UG/L DIr: 100. Sample date: 01-FEB-17 Finding: 5. Chemical: NITRATE (AS N) Report units: MG/L DIr: 0.4 01-FEB-17 590. Sample date: Finding: **BORON** Chemical: Report units: UG/L DIr: 100. 02-NOV-16 Sample date: Finding: 5.3 Report units: MG/L Chemical: NITRATE (AS N) DIr: 0.4 Sample date: 02-NOV-16 Finding: 590. Chemical: **BORON** Report units: UG/L DIr: 100. Sample date: 03-AUG-16 580. Finding: Chemical: **BORON** Report units: UG/L DIr: 100. Sample date: 01-AUG-16 Finding: 5.7 Chemical: NITRATE (AS N) Report units: MG/L DIr: 0.4 Sample date: 06-JUL-16 Finding: 5.8 Chemical: NITRATE (AS N) Report units: MG/L

DIr:

Sample date: Chemical: Dlr:	04-MAY-16 BORON 100.	Finding: Report units:	570. UG/L
Sample date: Chemical: Dlr:	03-FEB-16 NITRATE (AS N) 0.4	Finding: Report units:	5.8 MG/L
Sample date: Chemical: Dlr:	03-FEB-16 BORON 100.	Finding: Report units:	580. UG/L
Sample date: Chemical: Dlr:	04-NOV-15 BORON 100.	Finding: Report units:	600. UG/L
Sample date: Chemical: Dlr:	05-AUG-15 BORON 100.	Finding: Report units:	570. UG/L
Sample date: Chemical: Dlr:	06-MAY-15 BORON 100.	Finding: Report units:	520. UG/L
Sample date: Chemical: Dlr:	09-FEB-15 NITRATE (AS NO3) 2.	Finding: Report units:	21. MG/L
Sample date: Chemical: Dlr:	04-FEB-15 BORON 100.	Finding: Report units:	560. UG/L
Sample date: Chemical: Dlr:	11-SEP-14 GROSS ALPHA MDA95 0.	Finding: Report units:	3. PCI/L
Sample date: Chemical: Dlr:	11-SEP-14 GROSS ALPHA COUNTING ERROR 0.	Finding: Report units:	0.23 PCI/L
Sample date: Chemical: Dlr:	06-AUG-14 BORON 100.	Finding: Report units:	610. UG/L
Sample date: Chemical: Dlr:	22-MAY-14 POTASSIUM 0.	Finding: Report units:	2.4 MG/L
Sample date: Chemical: Dlr:	22-MAY-14 NITRATE + NITRITE (AS N) 0.4	Finding: Report units:	3600. MG/L
Sample date: Chemical: Dlr:	22-MAY-14 AGGRSSIVE INDEX (CORROSIVITY) 0.	Finding: Report units:	13. Not Reported
Sample date: Chemical: Dlr:	22-MAY-14 TURBIDITY, LABORATORY 0.1	Finding: Report units:	5.1e-002 NTU
Sample date: Chemical:	22-MAY-14 CARBON DIOXIDE	Finding: Report units:	8000. UG/L

DIr: 0.

Sample date: 22-MAY-14 Finding: 1.3

Chemical: LANGELIER INDEX @ 60 C Report units: Not Reported

Dlr: 0.

Sample date: 22-MAY-14 Finding: 700.

Chemical: TOTAL DISSOLVED SOLIDS Report units: MG/L DIr: 0.

DII. U.

Sample date: 22-MAY-14 Finding: 2.1 Chemical: ARSENIC Report units: UG/L

Dlr: 2.

DIr:

DIr:

Sample date: 22-MAY-14 Finding: 0.57

Chemical: FLUORIDE (F) (NATURAL-SOURCE) Report units: MG/L

Sample date: 22-MAY-14 Finding: 180. Chemical: SULFATE Report units: MG/L

Dir: 0.5

Sample date: 22-MAY-14 Finding: 59.
Chemical: CHLORIDE Report units: MG/L

Chemical: CHLORIDE Report units: MG/L DIr: 0.

Sample date: 22-MAY-14 Finding: 1100.

Chemical: SPECIFIC CONDUCTANCE Report units: US DIr: 0.

Sample date: 22-MAY-14 Finding: 7.8

Chemical: PH, LABORATORY Report units: Not Reported

DIr: 0.

Sample date: 22-MAY-14 Finding: 260.
Chemical: ALKALINITY (TOTAL) AS CACO3 Report units: MG/L

Dir: 0.

Sample date: 22-MAY-14 Finding: 310.

Chemical: BICARBONATE ALKALINITY Report units: MG/L DIr: 0.

Sample date: 22-MAY-14 Finding: 400.

Chemical: HARDNESS (TOTAL) AS CACO3 Report units: MG/L DIr: 0.

Sample date: 22-MAY-14 Finding: 88.
Chemical: CALCIUM Report units: MG/L
DIr: 0.

Sample date: 22-MAY-14 Finding: 45.

Chemical: MAGNESIUM Report units: MG/L DIr: 0.

Occupiedate COMAY44

Sample date: 22-MAY-14 Finding: 92.
Chemical: SODIUM Report units: MG/L

0.

Sample date: 20-FEB-14 Finding: 556.

Chemical: BORON Report units: UG/L DIr: 100.

22-AUG-13 499. Sample date: Finding: Chemical: **BORON** Report units: UG/L DIr: 100. Sample date: 09-MAY-13 Finding: 550. Chemical: **BORON** Report units: UG/L DIr: 100. Sample date: 21-FEB-13 Finding: 540. **BORON** Chemical: Report units: UG/L DIr: 100. Sample date: 08-NOV-12 Finding: 530. Chemical: **BORON** Report units: UG/L DIr: 100. Sample date: 16-AUG-12 Finding: 560. **BORON** Report units: UG/L Chemical: DIr: 100. Sample date: 24-MAY-12 Finding: 480. Chemical: **BORON** Report units: UG/L DIr: 100. Finding: Sample date: 16-FEB-12 550. Chemical: **BORON** Report units: UG/L DIr: 100.

 Seq:
 4499
 Prim sta c:
 04N/15W-05C03 S

 Frds no:
 1900913001
 County:
 19

 District:
 49
 User id:
 19C

 District:
 49
 User id:
 19C

 System no:
 1900913
 Water type:
 G

 Source nam:
 WELL 01
 Station ty:
 WEL

Higher

Source nam: WELL 01 Station ty: WELL/AMBNT/MUN/INTAKE Latitude: 342720.0 Longitude: 1182854.0

Precision: 3 Status: AR

Comment 1: SAUGUS - 400 FEET SOUTH OF BOUQUET CYN RD 15
Comment 2: ACROSS CREEK Comment 3: Not Reported
Comment 4: Not Reported Comment 5: Not Reported

Comment 6: Not Reported Comment 7: Not Reported

System no: 1900913 System nam: LILY OF THE VALLEY MOBILE HOME PARK

Hqname:Not ReportedAddress:Not ReportedCity:Not ReportedState:Not ReportedZip:Not ReportedZip ext:Not Reported

Pop serv: 0 Connection: 0 Area serve: Not Reported

Sample date: 14-FEB-17 Finding: 8.3

Chemical: ARSENIC Report units: UG/L DIr: 2.

Sample date: 14-FEB-17 Finding: 11.

Chemical: NITRATE (AS N) Report units: MG/L DIr: 0.4

Sample date: 17-JAN-17 Finding: 11.

NITRATE (AS N) MG/L Chemical: Report units:

DIr: 0.4

17-SEP-14 Sample date: Finding: 336. HARDNESS (TOTAL) AS CACO3 Chemical: Report units: MG/L

DIr:

DIr:

Sample date: 17-SEP-14 Finding: 72. **CALCIUM** Chemical: Report units: MG/L

DIr:

Sample date: 17-SEP-14 Finding: 38.

Chemical: MAGNESIUM Report units: MG/L DIr:

17-SEP-14 Sample date: Finding: 76.

Chemical: SODIUM Report units: MG/L DIr: 0.

17-SEP-14 Sample date: Finding: 1.8

Chemical: SODIUM ABSORPTION RATIO Report units: Not Reported DIr:

17-SEP-14 Sample date: Finding: 2.

Chemical: **POTASSIUM** Report units: MG/L DIr:

Sample date: 17-SEP-14 100. Finding: Chemical: SULFATE Report units: MG/L

DIr: 0.5

Sample date: 17-SEP-14 Finding: 0.5 Chemical: FLUORIDE (F) (NATURAL-SOURCE) Report units: MG/L

Dlr: 0.1

Sample date: 17-SEP-14 Finding: 600. Chemical: **BORON** Report units: UG/L 100.

Sample date: 17-SEP-14 Finding: 50.

Chemical: **IRON** Report units: UG/L 100. DIr:

17-SEP-14 Sample date: Finding: 560.

Chemical: TOTAL DISSOLVED SOLIDS Report units: MG/L DIr:

Finding: Sample date: 17-SEP-14 3.e-002

LANGELIER INDEX AT SOURCE TEMP. Report units: Chemical: Not Reported DIr:

17-SEP-14 Sample date: Finding: 11.9

AGGRSSIVE INDEX (CORROSIVITY) Chemical: Report units: Not Reported

DIr:

17-SEP-14 Sample date: Finding: 3900.

Chemical: NITRATE + NITRITE (AS N) Report units: MG/L DIr: 0.4

Sample date: 17-SEP-14 Finding: 340.

BICARBONATE ALKALINITY Report units: Chemical: MG/L

DIr: 0.

Finding:

Sample date: 17-SEP-14

Finding: Chemical: ALKALINITY (TOTAL) AS CACO3 Report units:

DIr:

17-SEP-14 Sample date:

Chemical: PH, LABORATORY Report units: Not Reported

DIr: 0.

968. Sample date: 17-SEP-14 Finding: Chemical: SPECIFIC CONDUCTANCE Report units: US

DIr:

Sample date: 17-SEP-14 Finding:

63. Chemical: CHLORIDE Report units: MG/L

Dlr:

Sample date: 23-MAY-13 8.5 Finding:

Chemical: NITRATE (AS NO3) Report units: MG/L

DIr:

14-AUG-12 Sample date: Finding: 6.8 Chemical: NITRATE (AS NO3) Report units: MG/L

DIr:

280.

MG/L

Map ID Direction Distance

Database EDR ID Number

East

OIL_GAS CAOG11000282861 1/8 - 1/4 Mile

Districtnu: 2 Apinumber: 03720179 Blmwell: Ν Redrillcan: No Υ Dryhole: Wellstatus:

Operatorna: Paul Benz Los Angeles Countyname: Any Area Fieldname: Any Field Areaname: Section: Township: 04N Range: 15W Basemeridi: SB

Elevation: Not Reported Locationde: Not Reported Comments: Not Reported Gissourcec: hud

Leasename: Benz Wellnumber: 6-2 Epawell: Ν Hydraulica:

CAOG11000282861

Confidenti: Spuddate: Not Reported Ν Welldeptha: Redrillfoo: 0

Abandonedd: Not Reported Completion: Not Reported

Directiona: Not Directionally drilled Gissymbol: PDH

North 1/4 - 1/2 Mile

Site id:

CAOG11000280635 OIL_GAS

Districtnu: 03705123 2 Apinumber: Blmwell: Ν Redrillcan: No Dryhole: Wellstatus:

Operatorna: Angeles Oil Corp. Countyname: Los Angeles Any Field Any Area Fieldname: Areaname: Section: 6 Township: 04N Range: 15W Basemeridi: SB

Not Reported Elevation: Not Reported Locationde: Not Reported Gissourcec: hud Comments: Leasename: McCown Wellnumber: 53-6

Epawell: Ν Hydraulica:

Confidenti: Ν Spuddate: Not Reported Redrillfoo: Welldeptha: 0

Abandonedd: Not Reported Completion: Not Reported

Not Directionally drilled Directiona: Gissymbol: PDH Site id: CAOG11000280635

NNW OIL GAS CAOG11000280654 1/4 - 1/2 Mile

Districtnu: 2 Apinumber: 03705204 Ν Redrillcan: Blmwell: No Dryhole: Wellstatus:

Operatorna: Paul Benz Countyname: Los Angeles Any Area Fieldname: Areaname: Any Field Section: 6 Township: 04N Range: 15W Basemeridi: SB

Not Reported Elevation: Not Reported Locationde: Comments: Not Reported Gissourcec: hud

Leasename: McCown Wellnumber: 6-1

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: CAOG11000280654

4 South OIL_GAS CAOG11000280880 1/2 - 1 Mile

Districtnu: 2 Apinumber: 03705927
Blmwell: N Redrillcan: No
Dryhole: Y Wellstatus: P

Operatorna:Solar Basin Oil Co.Countyname:Los AngelesFieldname:Any FieldAreaname:Any AreaSection:7Township:04NRange:15WBasemeridi:SB

Elevation: Not Reported Locationde: Not Reported Gissourcec: hud Comments: Not Reported

Leasename:B. & R.Wellnumber:1Epawell:NHydraulica:N

Confidenti: N Spuddate: Not Reported

Welldeptha: 0 Redrillfoo: 0

Abandonedd: Not Reported Completion: Not Reported

Directiona: Not Directionally drilled Gissymbol: PDH Site id: CAOG11000280880

5 ENE OIL_GAS CAOG11000282527 1/2 - 1 Mile

Districtnu: 2 Apinumber: 03720716
Blmwell: N Redrillcan: No
Dryhole: Y Wellstatus: P

Operatorna: Schweitzer Expl. Co. Countyname: Los Angeles Fieldname: Any Field Areaname: Any Area Section: 5 Township: 04N 15W Basemeridi: Range: SB

Elevation: Not Reported Locationde: Not Reported Gissourcec: hud Comments: Not Reported

Leasename:CarsonWellnumber:1Epawell:NHydraulica:N

Confidenti: N Spuddate: Not Reported

Welldeptha: 0 Redrillfoo: 0

Abandonedd: Not Reported Completion: Not Reported

Directiona: Not Directionally drilled Gissymbol: PDH

CAOG11000282527

Site id:

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
91350	49	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 Living Area - 2nd Floor	0.711 pCi/L Not Reported	98% Not Reported	2% Not Reported	0% Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

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

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

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

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations Source: 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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Phase I Environmental Site Assessment The Bouquet Canyon Project Owner, LLC APN Numbers 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900 and 2812-038-002 Santa Clarita, California

APPENDIX C HISTORICAL RESEARCH DOCUMENTATION

Phase I Environmental Site Assessment The Bouquet Canyon Project Owner, LLC APN Numbers 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900 and 2812-038-002 Santa Clarita, California

APPENDIX C.1
TOPOGRAPHIC MAPS

Integral Communities-SCV 28402 Bouquet Canyon Road Santa Clarita, CA 91350

Inquiry Number: 5414520.4

September 05, 2018

EDR Historical Topo Map Report

with QuadMatch™



EDR Historical Topo Map Report

09/05/18

Site Name: Client Name:

Integral Communities-SCV 28402 Bouquet Canyon Road Santa Clarita, CA 91350

Santa Clarita, CA 91350 EDR Inquiry # 5414520.4 Ramboll

18100 Von Karman Avenue

Irvine, CA 92612

Contact: Stephanie Eckelman



1440.31' above sea level

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

Search Results.		Coordinates:	Coordinates:	
P.O.#	NA	Latitude:	34.457376 34° 27' 27" North	
Project:	Integral Communities	Longitude:	-118.494791 -118° 29' 41" West	
-	· ·	UTM Zone:	Zone 11 North	
		UTM X Meters:	362697.88	
		UTM Y Meters:	3813884.31	

Elevation:

Coordinates

Maps Provided:

Soarch Posults:

2012	1942
1995	1940, 1941
1994	1929, 1932
1988	1900, 1903
1969, 1974	
1960	
1947	
1943, 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



Newhall 2012 7.5-minute, 24000



Mint Canyon 2012 7.5-minute, 24000

1995 Source Sheets



Mint Canyon 1995 7.5-minute, 24000 Aerial Photo Revised 1993



Newhall 1995 7.5-minute, 24000 Aerial Photo Revised 1995

1994 Source Sheets



Mint Canyon 1994 7.5-minute, 24000 Aerial Photo Revised 1985

1988 Source Sheets



Newhall 1988 7.5-minute, 24000 Aerial Photo Revised 1985



Mint Canyon 1988 7.5-minute, 24000 Aerial Photo Revised 1985

Topo Sheet Key

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

1969, 1974 Source Sheets



Newhall 1969 7.5-minute, 24000 Aerial Photo Revised 1969



Mint Canyon 1974 7.5-minute, 24000 Aerial Photo Revised 1974

1960 Source Sheets



Mint Canyon 1960 7.5-minute, 24000 Aerial Photo Revised 1956

1947 Source Sheets



SANTA SUSANA 1947 15-minute, 50000



SAN FERNANDO 1947 15-minute, 50000

1943, 1945 Source Sheets



Santa Susana 1943 15-minute, 62500 Aerial Photo Revised 1938



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.

1942 Source Sheets



Humphreys 1942 7.5-minute, 24000 Aerial Photo Revised 1932

1940, 1941 Source Sheets



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



Santa Susana 1941 15-minute, 62500 Aerial Photo Revised 1938

1929, 1932 Source Sheets



Saugus 1929 7.5-minute, 24000



Humphreys 1932 7.5-minute, 24000

1900, 1903 Source Sheets



Fernando 1900 15-minute, 62500

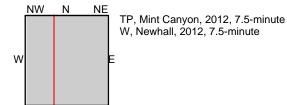


San Fernando 1900 15-minute, 62500



Santa Susana 1903 15-minute, 62500

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



0 Miles 0.25 0.5 1 1.5

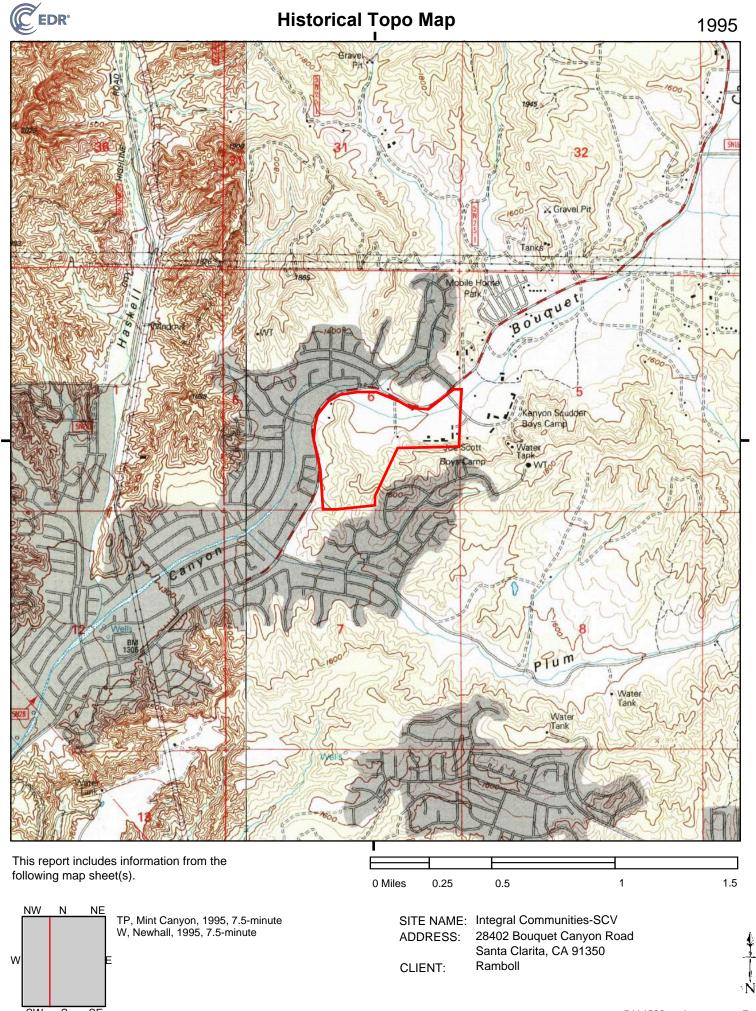
SITE NAME: Integral Communities-SCV ADDRESS: 28402 Bouquet Canyon Road

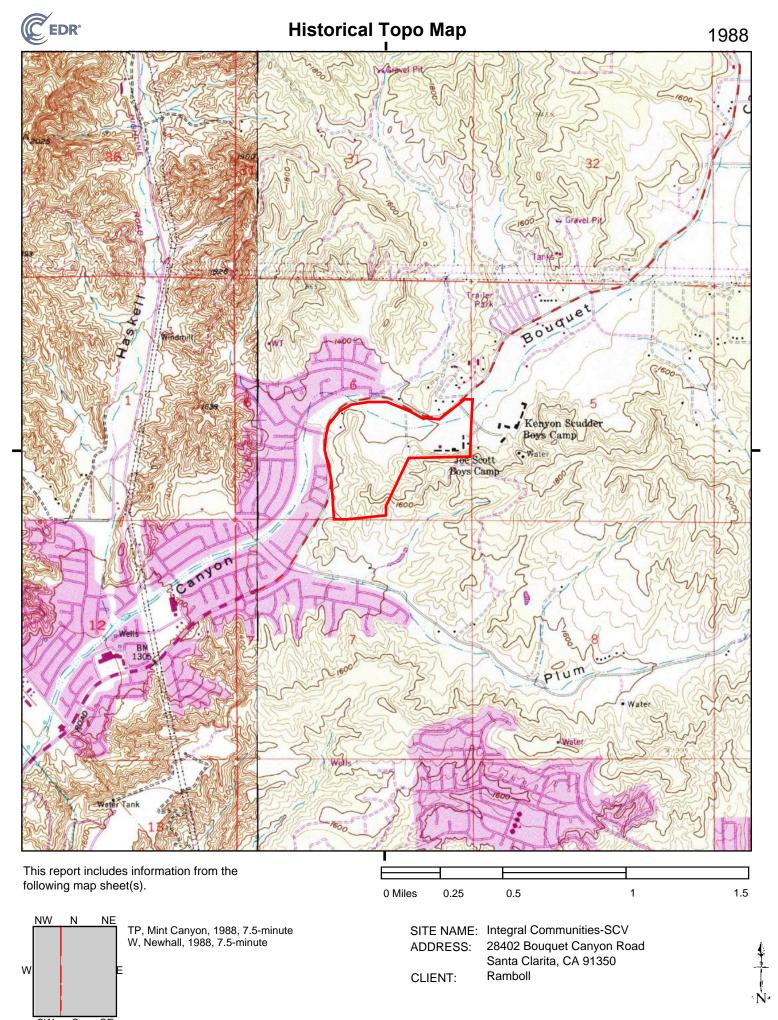
Santa Clarita, CA 91350

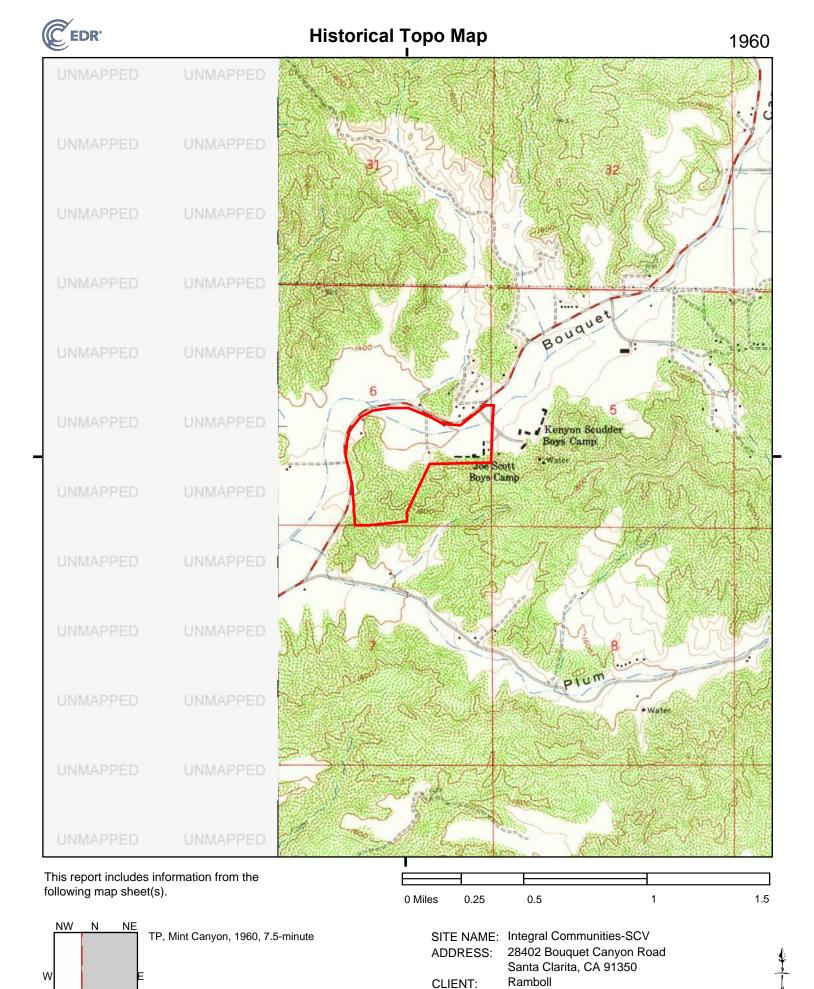
CLIENT: Ramboll

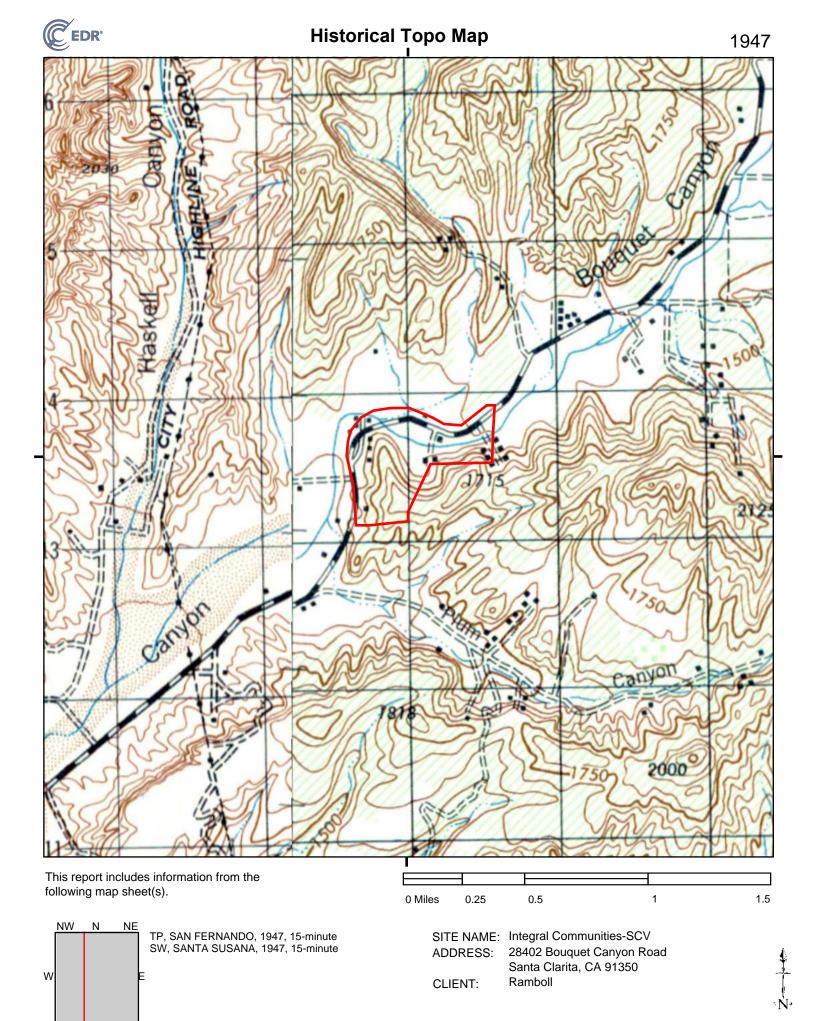


page 6

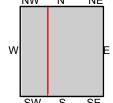








This report includes information from the following map sheet(s).



TP, San Fernando, 1945, 15-minute SW, Santa Susana, 1943, 15-minute

SITE NAME: Integral Communities-SCV ADDRESS: 28402 Bouquet Canyon Road

0.5

Santa Clarita, CA 91350

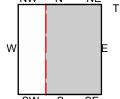
CLIENT: Ramboll

0.25

0 Miles



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



TP, Humphreys, 1942, 7.5-minute

SITE NAME: Integral Communities-SCV ADDRESS: 28402 Bouquet Canyon Road

0.5

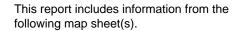
Santa Clarita, CA 91350

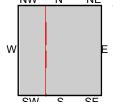
CLIENT: Ramboll

0.25

0 Miles







TP, San Fernando, 1940, 15-minute SW, Santa Susana, 1941, 15-minute

SITE NAME: Integral Communities-SCV ADDRESS: 28402 Bouquet Canyon Road

0.5

Santa Clarita, CA 91350

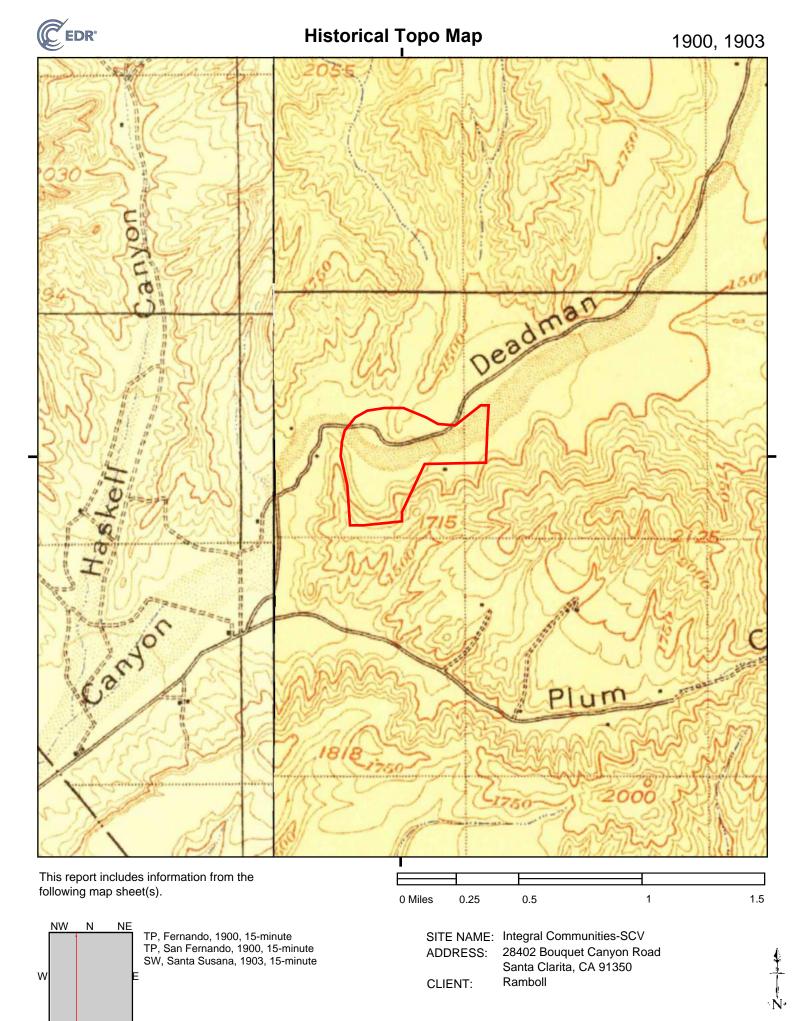
CLIENT: Ramboll

0.25

0 Miles

Ramboll

CLIENT:



Phase I Environmental Site Assessment The Bouquet Canyon Project Owner, LLC APN Numbers 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900 and 2812-038-002 Santa Clarita, California

APPENDIX C.2
AERIAL PHOTOGRAPHS

Integral Communities-SCV

28402 Bouquet Canyon Road Santa Clarita, CA 91350

Inquiry Number: 5414520.8

September 06, 2018

The EDR Aerial Photo Decade Package



EDR Aerial Photo Decade Package

09/06/18

Site Name: **Client Name:**

Integral Communities-SCV 28402 Bouquet Canvon Road Santa Clarita, CA 91350

18100 Von Karman Avenue Irvine, CA 92612 EDR Inquiry # 5414520.8 Contact: Stephanie Eckelman

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.

Ramboll

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 05, 2002	USDA
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: September 08, 1989	USDA
1981	1"=500'	Flight Date: February 15, 1981	USGS
1974	1"=500'	Flight Date: April 13, 1974	USGS
1970	1"=500'	Flight Date: April 03, 1970	USGS
1969	1"=500'	Flight Date: July 25, 1969	USGS
1952	1"=500'	Flight Date: April 11, 1952	USDA
1947	1"=500'	Flight Date: August 16, 1947	USGS
1940	1"=500'	Flight Date: May 13, 1940	USDA
1928	1"=500'	Flight Date: January 01, 1928	USGS

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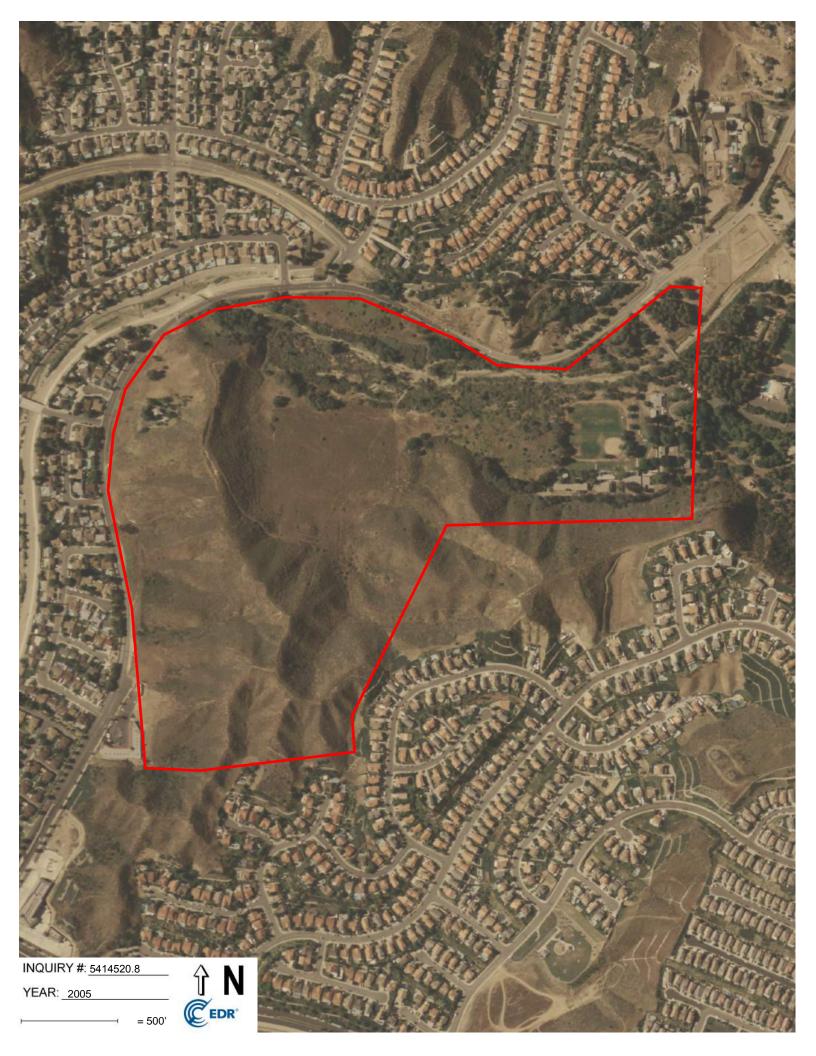
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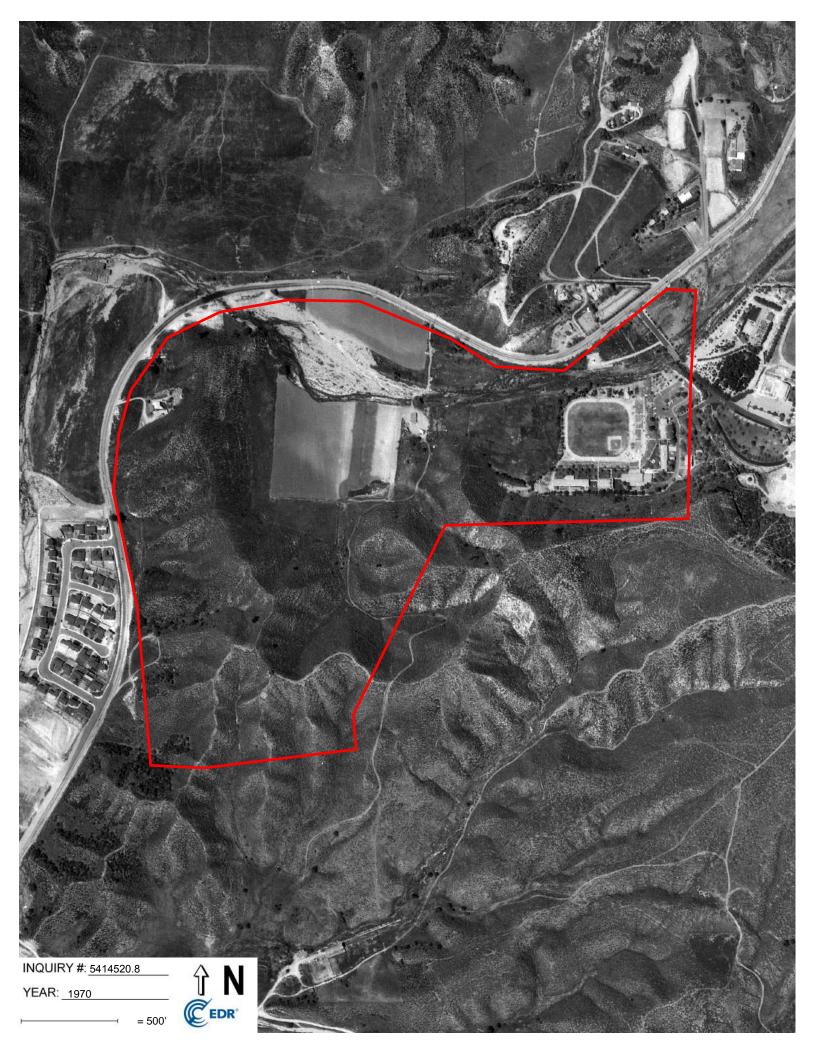


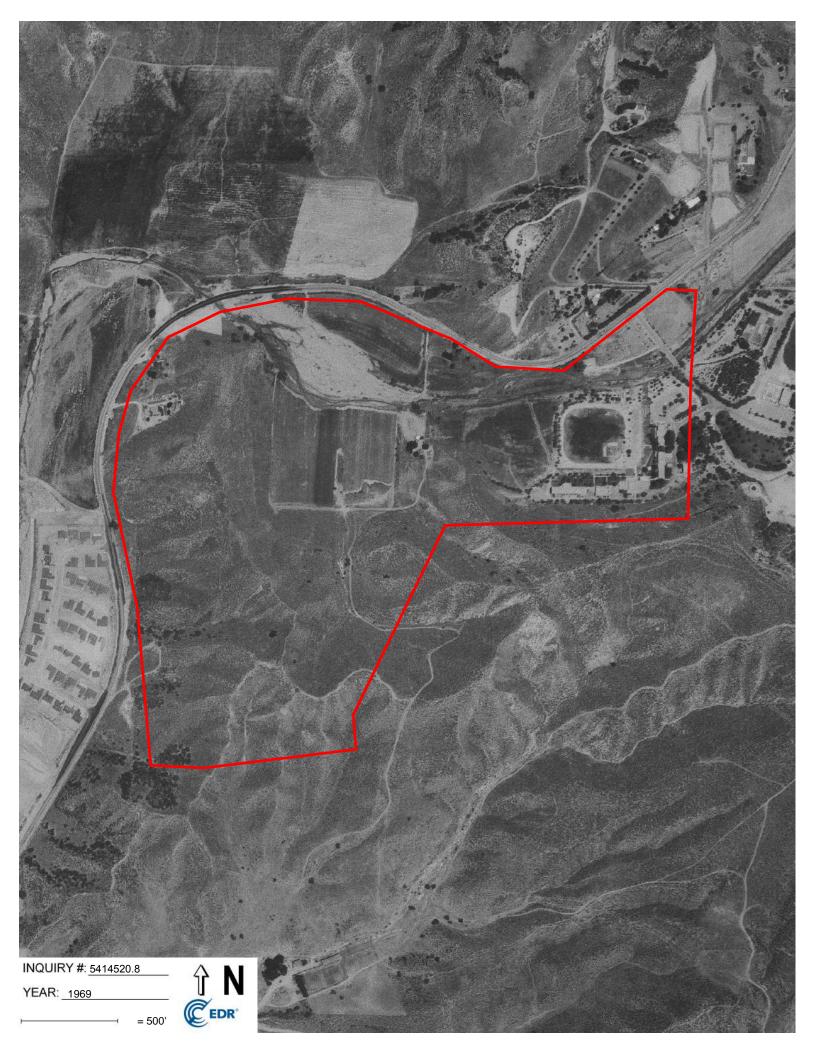


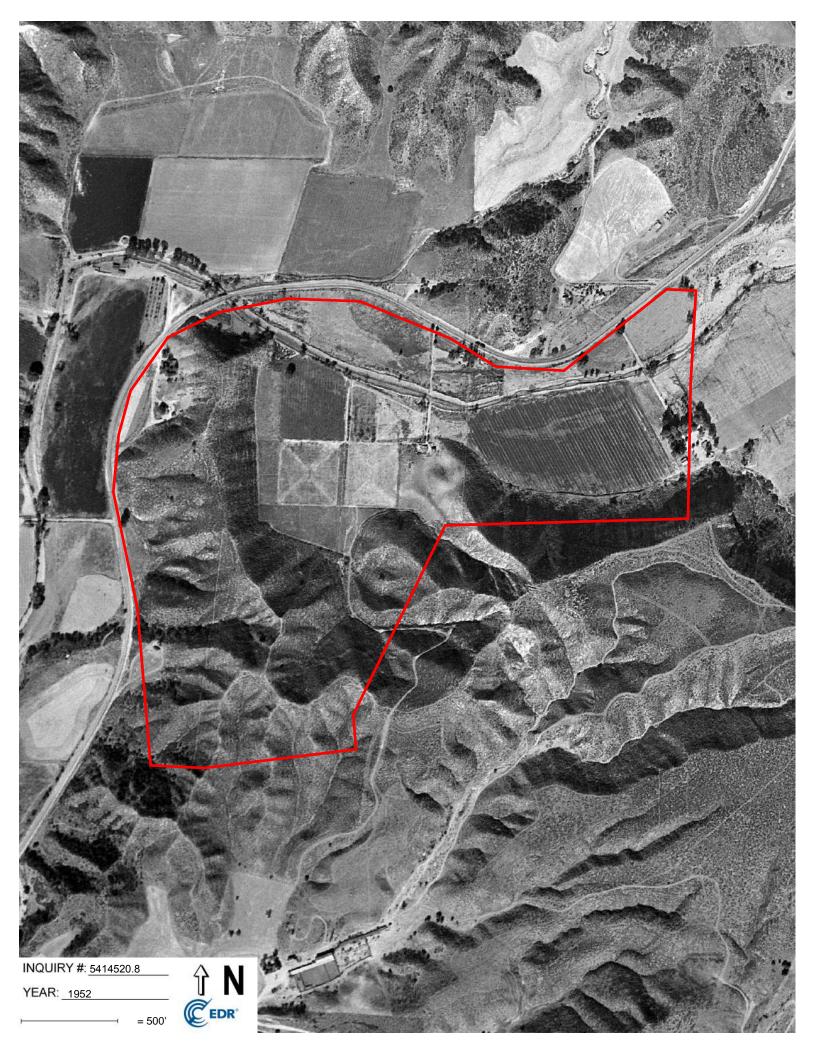


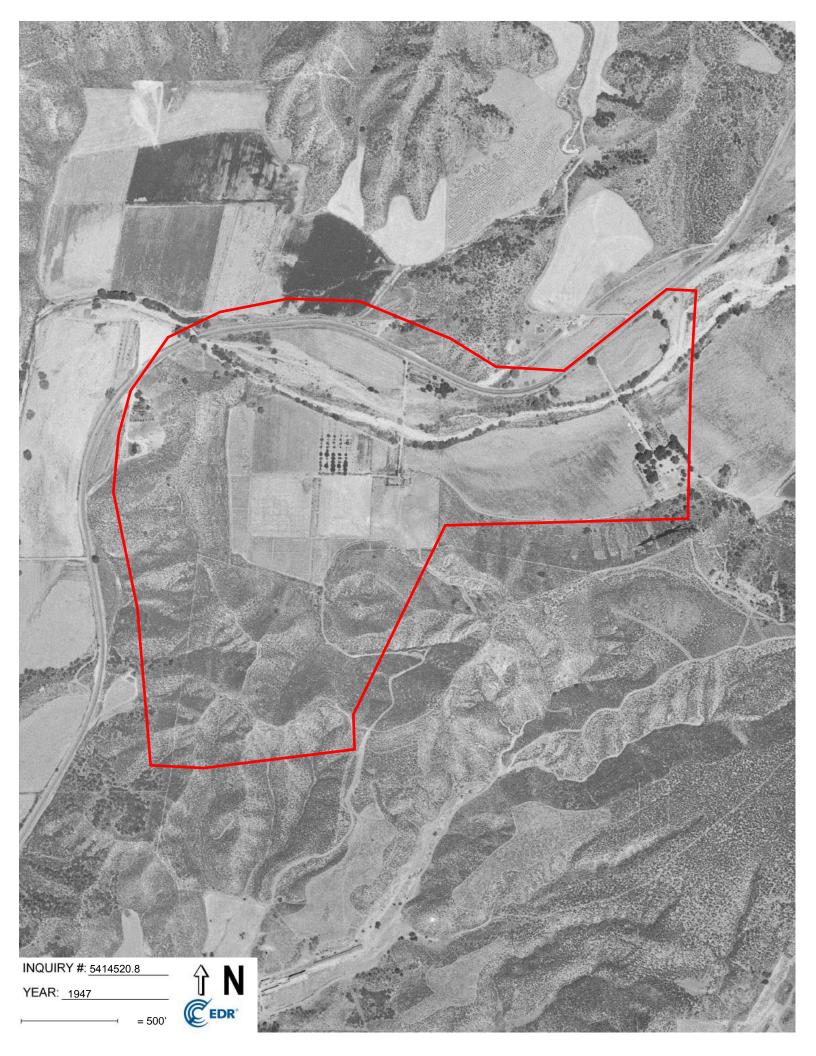


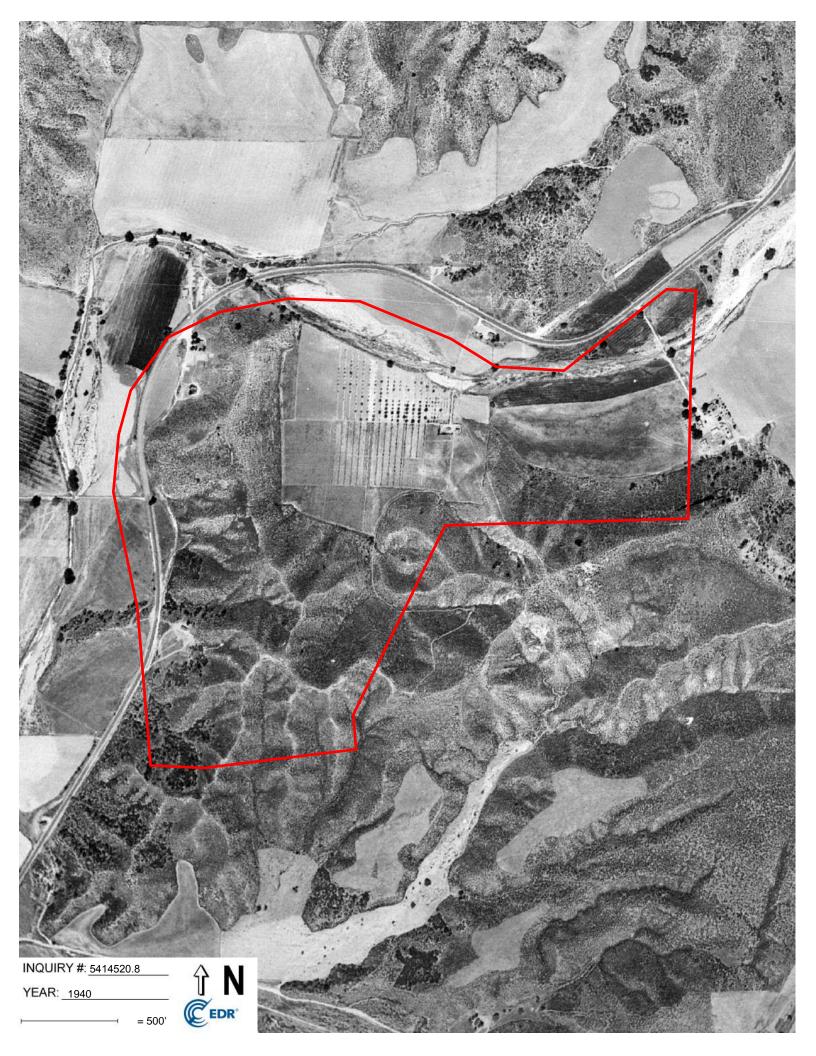














Phase I Environmental Site Assessment The Bouquet Canyon Project Owner, LLC APN Numbers 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900 and 2812-038-002 Santa Clarita, California

APPENDIX C.3
ABSTRACT OF CITY DIRECTORIES

Integral Communities-SCV

28402 Bouquet Canyon Road Santa Clarita, CA 91350

Inquiry Number: 5414520.5

September 11, 2018

The EDR-City Directory Image Report



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Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

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

RECORD SOURCES

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

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RESEARCH SUMMARY

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

<u>Year</u>	Target Street	Cross Street	<u>Source</u>
2014	$\overline{\mathbf{Z}}$		EDR Digital Archive
2010	$\overline{\checkmark}$	$\overline{\checkmark}$	EDR Digital Archive
2005	$\overline{\mathbf{V}}$		EDR Digital Archive
2000	$\overline{\checkmark}$	$\overline{\checkmark}$	EDR Digital Archive
1995	$\overline{\mathbf{V}}$		EDR Digital Archive
1992	$\overline{\checkmark}$	$\overline{\checkmark}$	EDR Digital Archive
1985	$\overline{\mathbf{V}}$		Haines Criss-Cross Directory
1980	$\overline{\checkmark}$	$\overline{\checkmark}$	Haines Criss-Cross Directory
1974	$\overline{\mathbf{V}}$		Haines Criss-Cross Directory
1971	$\overline{\checkmark}$		Haines Criss-Cross Directory
1969	$\overline{\checkmark}$		Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

28402 Bouquet Canyon Road Santa Clarita, CA 91350

<u>CD Image</u>	<u>Source</u>
CANYON RD	
pg A2	EDR Digital Archive
pg A4	EDR Digital Archive
pg A6	EDR Digital Archive
pg A8	EDR Digital Archive
pg A9	EDR Digital Archive
pg A11	EDR Digital Archive
pg A13	Haines Criss-Cross Directory
pg A15	Haines Criss-Cross Directory
pg A16	Haines Criss-Cross Directory
pg A17	Haines Criss-Cross Directory
pg A18	Haines Criss-Cross Directory
pg A19	Haines Criss-Cross Directory
	pg A2 pg A4 pg A6 pg A8 pg A9 pg A11 pg A13 pg A15 pg A16 pg A17 pg A18

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FINDINGS

CROSS STREETS

<u>Year</u>	CD Image	<u>Source</u>	
BENZ RD			
2014	pg. A1	EDR Digital Archive	
2010	pg. A3	EDR Digital Archive	
2005	pg. A5	EDR Digital Archive	
2000	pg. A7	EDR Digital Archive	
1995	-	EDR Digital Archive	Target and Adjoining not listed in Source
1992	pg. A10	EDR Digital Archive	
1985	pg. A12	Haines Criss-Cross Directory	
1980	pg. A14	Haines Criss-Cross Directory	
1974	-	Haines Criss-Cross Directory	Street not listed in Source
1971	-	Haines Criss-Cross Directory	Street not listed in Source
1969	-	Haines Criss-Cross Directory	Street not listed in Source

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20733	CAVALLARO, JEFFREY V
20739	MILETI, DOLORES P
20740	CHARVES, KERRY C
20746	YOUNG SCOTT PAINTING
	YOUNG, LEE S
20747	PETRELLA, JAMES F
20752	ADRIAN, GEORGE B
20755	MEYER, ROY C
20803	TOLLSTRUP, RONALD
20812	MURPHY, DOUG D
20813	OCCUPANT UNKNOWN,
20818	OROZCO, ENRIQUE H
20819	CONROY, SHARON A
20825	PFAUCHT, LINDA L
20826	KIS, SHARON R
20831	MANSOUR, FYODOR W
20832	WILLIAMS, STEPHANIE A
20837	RUBIN, PERRY H
20842	NATOLI, ANTHONY L
20850	ANDERSON, BRADLEY D
20856	JOHNSON, RICHARD D
20862	OCCUPANT UNKNOWN,
20865	LANGE, THOMAS H
20868	SWOPE, WILLIAM B
20872	MACALINAO, VIRGILIO S
20873	LARMON, ROBERT C
20874	RIVAS, JESSE M

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

✓ - EDR Digital Archive

BOUQUET CANYON RD 2014

28100 BELLA TERRA REALTY **BOUQUET SMILE DENTAL BRANDON THAI DDS INC** COPPERHILL VALLEY LLC **CRUZS BRIDAL INC FARMERS INSURANCE GLENOAKS INTERIORS INC** J & J RODGERS CORP MONTEVERDE REALTY INC **NEW HORIZON CONDOMINIUM ASSN** RODGERS, JAMES C SAND CANYON PROPERTIES INC SANTA CLARITA VLY CLIMTE PROS SCV CLIMATE PROS SO CAL LIFE GOES ON INC WESTRDGE ESTTES NGHBRHOOD ASSN 28106 PLUM CLEANERS 28112 PARASHAR INDIAN KITCHEN 28118 HOME SHOPPE NOBLE LA 28124 **CLOUD 9 VAPE PURE LLC** WALLS LIZ 28200 ALL STAR SPORTS GRILL **BOUQUET PLAZA LIQUOR** C GORJUS HAIR DESIGNS **DOLLAR DEPOT** INVITATIONAL TAE KWON DO KIM STEVE LEIGH MICHAEL DDS MS MARGOS BEAUTY SERVICES SACHE INDIA E **TEDDY BEAR PRESCHOOL**

SURACO, CHARLES W

JACKSON, CHARLES B

MA, MAU

BUMBARGER, CHARLES W

LOS ANGELES UNIFIED SCHOOL DST

28402

28601

28635

28693

28700

28717

28735

20733	CAVALLARO, JEFFREY V
20739	MILETI, DOLORES P
20740	CHARVES, KERRY C
20746	SCOTT YOUNG PAINTING
	SKY BLUE DISTRIBUTING
	YOUNG, LEE S
20747	PETRELLA, JAMES F
20752	ADRIAN, GEORGE B
20755	MEYER, ROY C
20803	OCCUPANT UNKNOWN,
20812	MIRKOVICH, T
20813	GARZA, FRED C
20818	RONGSTAD, MARK J
20819	CONROY, SHARON A
20825	PFAUCHT, LINDA L
20826	OCCUPANT UNKNOWN,
20831	MANSOUR, FYODOR W
20832	WILLIAMS, STEPHANIE A
20837	WHITE, ROBERT C
20850	ANDERSON, BRADLEY D
20856	JOHNSON, RICHARD D
20862	ERICKSON, CALVIN C
20865	LANGE, THOMAS H
20868	SWOPE, WILLIAM B
20872	MACALINAO, VIRGILIO S
20873	SWAYZE, MONAS B
20874	RIVAS, MARSELLA S

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

✓ - EDR Digital Archive

BOUQUET CANYON RD 2010

AERIAL DYNAMICS CORPORATION 28100 AMIAN-GHS GROUP **BI FASTRAK BOUQUET SMILE DENTAL** CALIFORNIA FINCL & RLTY INC CANYON CREST GRNDA HILLS ASSOC CANYON PARK CARRIAGE HMS ASSOC CAPITAL GENERAL SERVICES COPPERHILL VALLEY LLC **CRUZS BRIDAL INC FARMERS INSURANCE** GONZALEZ J & ASSOCIATES J DALTON **NEW HORIZON CONDOMINIUM ASSN NOBLE LA** PHOTOGRAPHIC MEMORIES PORTRAIT SANTA CLARITA VLY CLIMTE PROS WESTRDGE ESTTES NGHBRHOOD ASSN 28106 PLUM CLEANERS 28112 CARMELA LOUISE INC 28118 TOKYO JAPANES LIFE STYLE 28124 **ROCK CANDY MUSIC & MORE** 28200 **BOUQUET PLAZA LIQUOR** C GORJUS HAIR DESIGNS CAMMARANOS BAR & GRILL CC BUSINESS 1 DANCE IMPACT **EL ITALIANO** HOME LOANS UNLIMITED INC INVITATIONAL TAE KWON DO **ISSAM HOURANY** KIM STEVE SEUNG JUN LEIGH MICHAEL DDS LITALIANO MINNIE MAX CLEANERS MS MARGOS BEAUTY SERVICES SACHE INDIA E SALON LAZ TEDDY BEAR PRESCHOOL 28402 OCCUPANT UNKNOWN, 28601 JACKSON, CHARLES B 28635 BUMBARGER, CHARLES W 28693 LAWRENCE, R NILS LAWRENCE WEBSITE DESIGN 28700 LOS ANGELES UNIFIED SCHL DIST 28717 YOUTSLER ERNESTINE REAL ESTATE YOUTSLER, ERNEST

28735

CARSON L A CARSON, LA A

20733	CAVALLARO, JEFFREY V
20739	MILETI, DOLORES
20740	CHARVES, KERRY C
20746	YOUNG, LEE S
20747	PETRELLA, JAMES F
20752	ADRIAN, GEORGE B
20755	MEYER, ROY C
20803	GUERRERO, DAVID R
20812	MURPHY, DOUG D
20813	GARZA, FRED C
20818	RONGSTAD, MARK J
20819	CONROY, SHARON A
20825	PFAUCHT, JOHN A
20826	BOUQUET LDSCP DESIGN & MAINT
	KIS, TIMOTHY S
20831	DVORAK, WILLIAM J
20832	WILLIAMS, STEPHANIE
20842	•
	OCCUPANT UNKNOWN,
20862	•
20865	,
20868	•
20872	
20873	•
20874	IGNACIO, YVONNE M
	20739 20740 20746 20747 20752 20755 20803 20812 20813 20818 20819 20825 20826 20831 20832 20842 20865 20865 20868 20872 20873

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

✓ - EDR Digital Archive

BOUQUET CANYON RD 2005

28048 APPRAISALS SANTA CLARITA SA

BOUQUET CONSTRUCTION CO

CARDINAL HEALTH INC

DIGITAL AEROSPACE SOLUTIONS

FABRICAS ORION JAY RODGERS INC

MONTEVERDE REALTY INC PINNACLE SYSTEMS INC

28070 JG CONSTRUCTION

28084 AG STEWART APPRAISAL SERVICES

28094 VSPA SALON

28112 TWISTED FROZEN YOGURT

28200 BOUQUET PLAZA LIQUOR

C GORJUS HAIR DESIGNS

EL ITALIANO

HOME LOANS UNLIMITED KEANEALLY ACUPUNCTURE

LEIGH MICHAEL DDS LEIGH, MICHAEL

LITALIANO

PRIMO PIZZA SPORTS ZONE RELIEF PHYSICAL THERAPY INC

SALON LAZ

TEDDY BEAR PRESCHOOL

28402 SURACO, CHARLES W

28601 JACKSON, CHARLES B

28635 BUMBARGER, CHARLES W

28693 DUNN, LORI

28700 LA COUNTY OFFICE OF EDUCATION

28717 HATLER, ERNESTINE M

28735 CARSON, L A

20733	CAVALLARO, JEFFREY
20740	CHARVES, KERRY C
20752	ADRIAN, GEORGE B
20755	OCCUPANT UNKNOWN,
20803	HINDIGIAN, DEREK R
20812	MURPHY, DOUG
20813	SCHAEFER, KELI A
20819	KEES, KATHY
20825	PFAUCHT, JOHN A
20826	KIS, SHARON
20831	OCCUPANT UNKNOWN,
20832	OCCUPANT UNKNOWN,
20837	OCCUPANT UNKNOWN,
20842	NATOLI, A L
20850	OCCUPANT UNKNOWN,
20856	LAURENTIS, J
20862	ERICKSON, CALVIN C
20865	LANGE, THOMAS H
20868	SWOPE, WILLIAM B
20872	MACALINAO, V S
20873	SWAYZE, M

BOUQUET CANYON RD 2000

	OCCUPANT UNKNOWN,
2//5/	BEAL, APRIL
07764	SANTA CLARITA ACADEMY INC 7-ELEVEN INC
	BOUQUET MOBIL SERVICE
	ALLSTATE INSURANCE COMPANY
20040	BOUQUET CONSTRUCTION
	CARDINAL HEALTH INC
	DIGI-TEK GRAPHICS
	FABRICAS ORION
	GONZALES DAVE
	J&J ROGERS CORP INC
	MONTEVERDE REALITY INC
	MUSAC INTERNATIONAL
	RODGERS, JAMES
	SPECIALTY RISK SERVICES
	SUNRISE RIDGE
	WIZARD INSURANCE AGENCY
28200	
	BOUQUET PLAZA LIQUOR
	CORNERSTONE BIBLE CHURCH INC
	JADE LABS INC
	LEIGH MICHAEL DDS
	LITALIANO
	LOCK-OUT INC
	TECHNOLOGY RX INC
	TEMPCON INC
28402	SURACO, CHARLES W
	SHELLHART, RICHARD M
	LA COUNTY OFFICE OF EDUCATION
	COLVARD, BARBARA
	OCCUPANT UNKNOWN,
	CARSON, L A
28750	
	LOS ANGELES CNTY OFFC EDCTN
	LOS ANGELES COUNTY

<u>Target Street</u> <u>Cross Street</u> <u>Source</u>

✓ - EDR Digital Archive

BOUQUET CANYON RD 1995

27667 SUBWAY

27737 AUDIO VIDEO SALES AND SERVICES

BEST CLEANERS

BOUQUET BSBAL CDS CINS CLLECTB

CALIFORNIA PRIDE FOODS INC JOY CHRISTIAN FELLOWSHIP

KINDERGYM

LITTLE CAESARS PIZZA PIZZA

MODERN VIDEO

MONITA BEAUTY SALON OAK TREE DELI & GRILL

RETRO-SAFE INC

TELLYS CHARBURGER INC

27757 SANTA CLARITA ACADEMY INC 27777 BOUQUET MOBIL SERVICE 28048 BOUQUET CONSTRUCTION

> BOUQUET CONSTRUCTION CO CONCRETE SYSTEMS INC J & J RODGERS CORP MONTEVERDE REALITY INC

UNDERWRITERS LABORATORIES INC

VINCENZOS PIZZA ESPERIENZA

28200 BOUGUET PLAZA LIQ

BOUQUET PLAZA LIQUOR

CANYON CENTER MANAGEMENT CORNERSTONE BIBLE CHURCH INC

LEIGH MICHAEL DDS

LITALIANO LOCK-OUT INC

MERTES THOMAS DC TECHNOLOGY RX INC

TEMPCON INC

28402 SURACO, CHARLES W

28601 JACKSON, M

28635 OCCUPANT UNKNOWNN 28693 SHELLHART, RICHARD M

28700 JOSEPH SCOTT CAMP SCHOOL

28717 LAWSON, MATTHEW J

28735 CARSON, L A

28750 KENYON SCUDDER HIGH SCHOOL

20755	MEYER, ROY C
20803	SAWYER, THOMAS H
20812	HORLINGS, RICK
20819	KEES, K
20826	MUTAW, RICK
20831	NOE, ANTHONY
20842	NATOLI, A L JR
20856	TRIMBLE, TOM
20862	ERICKSON, CAL
20868	SWOPE, WILLIAM B
20872	GREENLAND CO
20874	FATTOUCH, ALFRED G

Target Street Source Cross Street **EDR Digital Archive**

BOUQUET CANYON RD 1992

27667 **SUBWAY** 27701 **BEST CLEANERS** 27737 99 CENTS & UP BARGAIN STORE **EXCLUSIVE HOG INC** MODERN VIDEO NU IMAGE BEAUTY CENTRE OAK TREE DELI & GRILL **RBW & ASSOCIATES** SANTA FE CHARBROILER **SPEEDWAY HOBBIES TELLYS CHARBROIL BURGERS** 27757 KIDDIE KOLLEGE 28021 STEWART, CHARLES W MONTEVERDE DEVELOPMENT CO 28048 MONTEVERDE REALITY INC 28200 **BOUGUET PLAZA LIQ CANYON CENTER MANAGEMENT** LEIGH MICHAEL DDS LEIGH, MICHAEL VR1HOURPHOTO 28402 SURACO, CHARLES W 28693 SHELLHART, RICHARD M 28700 JOSEPH SCOTT CAMP SCHOOL 28735 CARSON, L A 28750 KENYON-SCUDDER JUVENILE HALL

28785 LINTZ, RONALD W 28795 REYNOLDS, DONALD

Haines Criss-Cross Directory

20739	XXXX	00	
	CHEROL	00	
20740	RYAN LAWRENCE E JR	251-9417	-
20746	The state of the s		
20747	HENDERSON MICHAEL G	251-1812	1
20752	SUNRISE ACSTC CLNG	992-4889	
20752	LOMBARDI AUGIE	251-0851	14
20755	MEYER ROY C	252-5265	(
20803	SAWYER THOS H	251-0959	(
20812	HORLINGS RICK	252-9200	4
20813	HILL THOS	252-1716	C
20819	KEES SCOTT	252-9489	0
20825	RICE MONTY G	251-6929	+5
20826	MUTAW RICHARD J	252-4816	0
20831	NOE ANTHONY	251-8451	+5
20837	EDSON RALPH D	252-6973	0
20842	NATOLI A L JR	252-7277	0
20850	HEINZE BERNIE	252-4799	0
20856	BROWN GARY A	251-0280	0
	BROWN KATHY	251-0280	
20862	ERICKSON CAL	251-2292	C
20865	UTLAUT MARK	251-0541	-
20868	MATTERA MICHAEL P	251-5186	
20872	GREENLAND MADELON	251-5288	0
	GREENLAND SHELDON	251-5288	
20873	ARELLANO DEBBIE	252-9611	
4.000	ARELLANO RALPH	252-9611	2
20874	CLELLAND IAN W	251-6381	
	A STATE OF THE REAL PROPERTY AND ADDRESS OF THE PARTY AND ADDRESS OF TH	3 NEW	

Target Street

Cross Street

<u>Source</u>

Haines Criss-Cross Directory

BOUQUET CANYON RD 1985

27659	WHEELS UNLIMITED	255-5538+5
27661	LAMPPOST PIZZA	259-7092 +5
27757	XXXX	00
27761	SEVEN 11 FD 13896	252-1329
27777	BOUQUET EXXON SERV	252-8686
27787	US AGRI FOREST RNGR	252-9710 0
28402	SURACO CHAS W	252-8377
28601	XXXX	00
28693	KOKATAY KEDAR	252-2022 2
	SHELLHART RICHARD M	252-8793 +5
28700	LA CO PRETN CAMPS	252-8111 2
	LA CO SUPT SC DTNTN	252-8444 2
28735	CARSON L A	252-8120
	CARSON SQUAB RANCH	252-8120
28750	LA CO PRETN CAMPS	252-8811 2
	LA CO SUPT SC DTNTN	252-5957 2
28761	GRUPP THOMAS J	252-2215
	GRUPP VICKI	252-2215 B

Haines Criss-Cross Directory

+ RF	NZ RD 91350 S	AUGUS
20740	POTURALKSI DENNIS	252-3435+0
20746	STOYANOFF LOUIS	252-7688+0
20747	MCGREGOR THOS	252-5760+0
20755	MEYER ROY C	252-5265+0
20803	SAWYER THOS H	251-0959+0
20812	GIRTON VIRGIL	251-5335+0
20813	HILL THOS	252-1716+0
20819	KEES SCOTT	252-9489+0
20825	YOUNG JOHN E	252-2585+0
20826	MUTAW RICHARD J	252-4816+0
20837	EDSON RALPH D	252-6973+0
20842	NATOLI A L JR	252-7277+0
20850	HEINZE BERNIE	252-4799+0
20856	BROWN GARY A	251-0280+0
20862	ERICKSON CAL	251-2292+0
20865	CARACCI L	251-3478+0
Territoria de la compansión de la compan	CARACCI MICHAEL	251-3450+0
20868	MATTERA M P	251-5186+0
20872	GREENLAND SHELDON	251-5288 +0
20873	DREW ROGER I	252-0698 +0
*	O BUS 20 RES	20 NEW

Target Street

Cross Street

<u>Source</u>

Haines Criss-Cross Directory

BOUQUET CANYON RD 1980

27000	BOUQUET BAPTIST CHR	255-0506 9
27405	STEVENS CO	255-8479 9
27500	C A RASMUSSEN CO	259-4383 9
27761	SEVEN ELEVEN 13896	252-1329
	SUTTER MILL RETREAT	251-3225 8
	SUTTERS MILL	362-2660 9
27777	BOUQUET EXXON SERV	252-8686 3
27787	US AGRI FOREST SERV	252-9710+0
28402	SURACO CHAS W	252-8377
28601	XXXX	00
28693	XXXX	00
28700	CO LA PROBATION	252-8811+0
	CO LA PROBATN SCOTT	252-8111 9
	CO LA SUPT OF SCHLS	252-8444 9
28735	CARSON LA	252-8120
	CARSON SQUAB RANCH	252-8120
28750	CO LA PROBATION	252-8811 9
	CO LA SUPT OF SCHLS	252-5957 9
28761	GRUPP THOMAS J	252-2215 8

Haines Criss-Cross Directory

BOUQUET CANYON RD 1974

26891	BEN-HUR MOBILE HOME
	PARTS 255-7170
27000	BOUQUET BAPT CH 255-0506
27234	WATTS LABOR COMM ACTION
	259-9560
27740	ZIMMERMAN K 252-8681
27761	SEVEN-ELEVEN 252-1329
27777	BOUQUET EXXON 252-8686
28402	SURACO CHAS 252-8377
28693	NICKLAS I 252-3174
28700	SUP'T OF SCHS 252-8444
28700	PROBATION DEPT 252-8111
28735	CARSON L 252-8120
28750	PROBATION DEPT 252-8811
28761	NO RETURN
28763	BENZ FRANK 252-1859

Target Street

Cross Street

<u>Source</u>

Haines Criss-Cross Directory

BOUQUET CANYON RD 1971

26861 LORD'S STATIONERS 259-6880 26867 HILTON FURNITURE 259-7177 26877 THRIFTIMART MKT 259-6150

<u>Source</u>

Haines Criss-Cross Directory

BOUQUET CANYON RD 1971

26891 TACO SIESTA 259-7226 27234 WATTS LABOR TRAINING CNTR 259-9729 BURNS SIDNEY 259-2051 27740 ZIMMERMAN K 252-8681 27761 SEVEN-ELEVEN FOOD STORE 252-1329 27777 ENCO SERV STA 252-9884 28402 SURACO CHAS W 252-8377 28700 JOSEPH SCOTT BOYS SCH 252-8444 PROBATION DEPT 252-8111 28735 CARSON L A 252-8120 28750 PROBATION DEPT 252-8811 28761 SURACO FLORENCE A 28763 BENZ CHARLES 252-8516 28765 BENZ GEORGE 252-8032 28785 VACANT

BOUQUET CANYON RD 1969

26861	LORD'S STATIONERS 259-6880
26863	VACANT
26877	THRIFTIMART 259-6150
27234	SHERIFF'S DEPT 259-4750
27234	MEENK BILL 259-4719
27397	STEWART ROBT 259-5383
27397	PASSALAQUA A 259-3839
27397	DE BOER FRED 259-7366
27740	ZIMMERMAN K 259-3185
28402	SURACO CHAS 259-1133
28693	ANDREW L 259-5571
28700	PROBATION DEPT 259-3030
28717	GLINES RUTH 259-1830
28735	CARSON L A 259-2005
28750	PROBATION DEPT 259-2311
28750	FORESTER & FIRE WARDENS
	259-2311
28761	SURACO F 259-1547

Phase I Environmental Site Assessment The Bouquet Canyon Project Owner, LLC APN Numbers 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900 and 2812-038-002 Santa Clarita, California

APPENDIX C.4 HISTORICAL FIRE INSURANCE MAPS

Integral Communities-SCV 28402 Bouquet Canyon Road Santa Clarita, CA 91350

Inquiry Number: 5414520.3

September 05, 2018

Certified Sanborn® Map Report



Certified Sanborn® Map Report

09/05/18

Site Name: Client Name:

Integral Communities-SCV 28402 Bouquet Canyon Road

Santa Clarita, CA 91350

EDR Inquiry # 5414520.3

Ramboll

18100 Von Karman Avenue

Irvine, CA 92612

Contact: Stephanie Eckelman



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

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

Certified Sanborn Results:

Certification # EB98-4716-A47B

PO# NA

Project Integral Communities

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 #: EB98-4716-A47B

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

Library of Congress

University Publications of America

✓ EDR Private Collection

The Sanborn Library LLC Since 1866™

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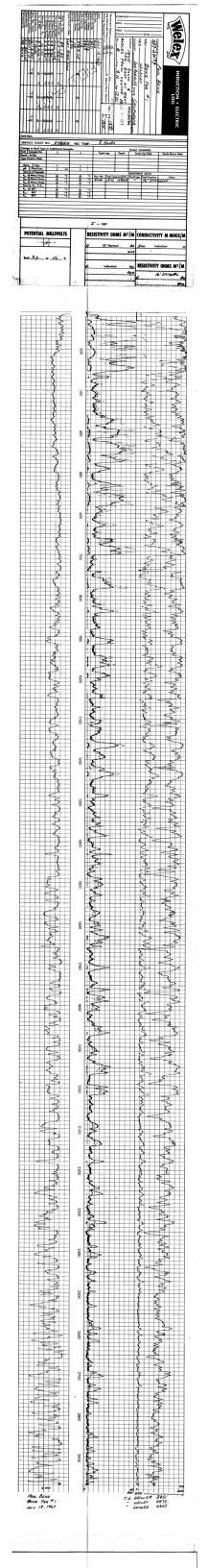
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Phase I Environmental Site Assessment The Bouquet Canyon Project Owner, LLC APN Numbers 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900 and 2812-038-002 Santa Clarita, California

APPENDIX D
PREVIOUS ENVIRONMENTAL REPORTS



Phase I Environmental Site Assessment The Bouquet Canyon Project Owner, LLC APN Numbers 2812-008-002, 2812-008-003, 2812-008-013, 2812-008-021, 2812-008-022, 2812-008-031, 2812-008-900 and 2812-038-002 Santa Clarita, California

APPENDIX E QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS



FARSHAD RAZMDJOO

Managing Principal

Farshad Razmdjoo is the Managing Principal of Ramboll's Southwest and Pacific Northwest operations. He has over 30 years of experience in environmental consulting and engineering. Farshad currently manages a vast variety of consulting projects, including real estate and merger and acquisition due diligence, tenant environmental audits, environmental, health and safety audits, property decommissioning and redevelopment, remedial investigations, remedial action design and implementation, regulatory agency interaction, asbestos management programs, radon surveys, mold investigation and remediation programs and evaluations of lead in drinking water. In addition, he has developed and managed an environmental risk-management program for a major real estate investment trust. Farshad is highly experienced in working with federal and California environmental regulations and has a working knowledge of many other state and local regulatory requirements and agencies throughout the United States. Much of Farshad's past and current projects involve assessing environmental issues at commercial and industrial facilities throughout the North America, Europe, China, and India. For the past 24 years at Ramboll, Farshad has managed projects for representatives in real estate development companies, insurance companies, financial institutions, pension funds, institutional investors, private equities, real estate investment trusts, aerospace companies, industrial and manufacturing companies, and law firms.



2013-2018

Managing Principal, Ramboll US Corporation

2009-2013

Principal and Director of Operations, ENVIRON International Corporation

2000-2009

Principal, ENVIRON International Corporation

1993-2000

Senior Manager, ENVIRON International Corporation

1985-1993

Regional Manager & Senior Project Manager, Applied Geosciences Inc.



CONTACT INFORMATIONFarshad Razmdjoo

frazmdjoo@ramboll.com +1 (949) 7983609

Ramboll 18100 Von Karman Avenue Suite 600 Irvine, CA 92612 United States of America



EDUCATION

1976-1981

BS, Civil Engineering

Thames Polytechnic, London

COURSES/CERTIFICATIONS

Nevada General Engineering License, 2017-2019
California General Engineering License, 1995-2015
Certificate in Hazardous Materials Management, University of Irvine, California, 1989-2015
National Registry of Environmental Professionals, 1988-2015

PROJECTS

2017-2018

Life Sciences Redevelopment Project

Assisted a client in performing a Phase I and a Phase II environmental site assessments and redevelopment of a property for a life sciences use in San Carlos, California.

1997-2018

Environmental Risk Management, Real Estate Investment Trust

Farshad has developed and managed an environmental risk management program for a major real estate investment trust (REIT). This REIT contained over 200 properties with 400 tenants with pharmaceutical and life science operations throughout the western and eastern United States, China, and India. As part of the environmental risk management program, an acquisition due diligence, an asbestos management program, a moisture intrusion and mold prevention response (MIMPR) program, and a tenant environmental audit (TEA) program were developed and implemented. A mold prevention and response plan, as outlined in the MIMPR, was prepared and implemented. More than 300 tenant exit audits for tenants vacating the properties were conducted in accordance with the TEA. An overall tenant environmental audit program has been developed.

1995-2018

Due Diligence, Merger/Acquisition, International Portfolios

Farshad has managed over 30 international multi-site environmental assessments at over 200 industrial, manufacturing, and commercial facilities as a part of merger and acquisition environmental due diligence. These included evaluation of aerospace component manufacturing facilities, automotive manufacturing and distribution facilities, medical device manufacturing facilities, telecommunication facilities, and hardware store facilities. Work plans and subsequent Phase II soil and groundwater investigations were also completed for many of those assignments.

1987-2018

Due Diligence, National Real Estate and Development

Acted as point of contact and responsible Principal for several national real estate and development clients with properties throughout the United States. Farshad has completed over 1000 assignments supporting the clients in acquiring, managing, and disposing properties. Many of these assignments were undertaken and successfully completed under extreme time constraints.



Due Diligence, Former Metal Stamping Facility

Managed the acquisition due diligence and subsequent redevelopment of a former metal stamping facility in Santa Fe Springs, California. Under Farshad's direction, a Phase I ESA was completed and, based on the findings of the Phase I ESA, a targeted Phase II subsurface investigation was performed to evaluate areas of potential environmental concern that included soil gas, soil, and groundwater sampling. Farshad also assisted the client with closure activities for the site that included performing an assessment of building materials for polychlorinated biphenyls contamination, coordination and oversight of asbestos and lead-based paint surveys, groundwater monitoring well abandonment, post excavation soil sampling on removal of various subsurface features, and preparation of a soil management plan (SMP), to be implemented during redevelopment activities. Subsequently, a no further action letter was obtained from the Santa Fe Springs Fire Department.

2007-2009

Due Diligence, Former Aerospace Facility

Directed the due diligence process and estimating environmental liabilities for acquisition of a former aerospace manufacturing facility in Los Angeles, California under extremely tight deadline. The site has been impacted with various VOCs, total petroleum hydrocarbons, metals, emerging chemicals, and radioactive wastes. The assignment also included evaluation of methane, asbestos, lead-based paint, and indoor air quality. The work was conducted on behalf of the site's buyer, which planned to develop it into a commercial business park.

2011-2015

Remediation, Manufacturing Facility

Negotiated with the Santa Ana Regional Water Quality Control Board (SARWQCB) a reasonable path forward for a former manufacturing facility located in Irvine, California where soil and groundwater is impacted with volatile organic compounds (VOCs). Historically, considerable remediation had been performed on site by other consultants, which included excavation, and above ground soil treatment, soil vapor extraction, and groundwater pump and treat technologies. The site has been in a post remediation monitoring phase under the oversight of the SARWQCB. Post remediation monitoring indicated that overall, natural attenuation processes were reducing VOC concentrations over time. However, in 2013, the SARWQCB requested the responsible parties to consider evaluating additional remedial options to reduce concentrations of VOCs in one area of the site. Also a Membrane Interface Probe (MIP) investigation was performed in that area of the site.

2013-2015

Remediation, Manufacturing Facility

Using the data collected during the MIP investigation, Farshad directed the development of a limited and focused remedial program utilizing state of the art technology appropriate for the restrictive conditions which are present in the area of the site investigated (challenging geologic materials, limited access due to occupied buildings, roadways, neighboring properties, etc.). The SARWQCB approved the remedial plan that included injection of zero valent iron into the shallow saturated zone to reduce VOCs in the area of concern. The remediation was completed during October and November 2014. A post monitoring program started in December 2014 is on-going.



Site Investigation

Directed the evaluation of potential off-site sources, and development of a site conceptual model for a facility in Vernon, California where chlorinated VOCs (CVOCs) were discovered in groundwater. Designed and managed investigation of soil, soil gas, and groundwater to evaluate potential sources, including use of compound-specific isotope analysis to help demonstrate that the CVOCs detected in soil gas are distinct from those detected in groundwater, and unrelated. Managed additional soil, soil gas, and groundwater investigation and provided oversight for a soil vapor extraction pilot test. All work is being implemented under the oversight of Los Angeles Regional Water Quality Control Board (LARWQCB).

2012-2013

Remediation Oversight, Former Industrial Facility

Assisted an owner of a former industrial facility in southern California that was significantly impacted by CVOCs in soil, soil gas, and groundwater. The scope of work included oversight of the remediation of the vadose zone with in situ thermal treatment and evaluation of human health risk assessments to assess various future redevelopment scenarios. The work was conducted under the oversight of the LARWQCB.

2007-2009

Site Characterization, Industrial Center

Designed and managed the implementation of site characterizations, remediation, and human health risk assessments for an existing 75-acre commercial and light industrial center in Irvine, California under the oversight of the Orange County Health Care Agency (OCHCA) and the SARWQCB. The work was conducted for the property owner and involved performing appropriate site characterization to define the extent of CVOC releases in soil, soil gas, and groundwater from prior and existing tenants; one of which included a dry cleaning facility. The human health risk assessment considered site specific conditions and data to define risk based threshold concentrations deemed as acceptable concentrations in soil, soil gas, and groundwater for indoor worker receptors.

2007-2009

Site Remediation, Industrial Center

Remediation involved injection of approximately 100,000 pounds of zero-valent iron in sixty direct push borings to create three separate permeable reactive barriers or treatment zones. Each zone will chemically reduce chlorinated solvents in the "shallow zone" groundwater as it migrates through the permeable reactive barrier(s). Due to the low groundwater concentrations, Farshad was able to negotiate the elimination of post remediation groundwater monitoring. The project also involved collection of sub-slab and indoor air samples followed by installation and operation of a sub-slab depressurization system and epoxy coating the interior floors to mitigate vapor intrusion. Post mitigation indoor air samples reported a reduction of indoor air concentrations by 100 times. Farshad successfully negotiated a "No Further Action" for the site with the concurrence from the SARWQCB.

2004-2005

Decontamination/Decommissioning, Former Biopharmaceutical Facility

Managed the decontamination and decommissioning of a former biopharmaceutical research facility. A detailed survey of over 250 rooms was conducted, and radiological materials, hazardous chemicals, and potentially biologically hazardous substances were identified. Upon completion of the decontamination/decommissioning, the entire facility was cleaned and prepared for re-occupancy. Throughout the decommissioning process, Ramboll Environ worked closely with State regulatory officials to demonstrate that all cleanup activities were in compliance with applicable regulations.



Remedial Investigation, Superfund Site

Managed a remedial investigation at a California Superfund site in Los Angeles County. The site was under a consent order from Cal-EPA Department of Toxic Substances Control at the time. The project involved performing RI/FS, conducting human health and ecological risk assessments, and preparing a remedial action plan.

1998

Phase I/Phase II Management, Industrial Park

Managed, reviewed, and evaluated numerous Phase I and II reports associated with the acquisition of a 500acre industrial park in Spokane, Washington. Prepared a report of findings including conclusions and recommendations for review by the client.

1997-1998

Site Closure, Dry Cleaning Facility

Managed the preparation of a sampling and analysis plan evaluating the nature and extent of soil and groundwater contaminated with tetrachloroethene (PCE) at a dry cleaning facility in Santa Ana, California. Ramboll Environ obtained closure for the site from the SARWQCB.

1997-1998

Litigation Support

Managed litigation support services related to the fate and transport of organic compounds in soil and groundwater, appropriate remedial alternatives, and cost associated for two facilities in southern California. The results of the evaluations were successfully used as part of the settlement negotiations with the opposing parties.

1996-1997

Site Assessments, Manufacturing Plants

Managed Phase I and II site assessments and estimation of remediation costs of six manufacturing plants in Costa Mesa (Orange County), Perris (Riverside County), Ontario (San Bernardino County), Somerton (Arizona), Alliance (Ohio), and Winter Heaven (Florida).

1996-1998

Site Investigation Program, Dry Cleaning Facility

Designed and managed a site investigation program to evaluate the nature and the extent of soil contaminated with PCE at a dry cleaning facility in Aliso Viejo, California. Based on the results, several remedial alternatives were evaluated and a risk assessment was performed. Based on the results of the risk assessment, site closure was obtained from OCHCA.

1994-1996

Remedial Investigation/Feasibility Study, Former Manufacturing Facility

Managed a remedial investigation/feasibility study (RI/FS) using CPT/HydroPunch and Geoprobe techniques, with installation of multi-level groundwater monitoring wells, evaluation and selection of a remedial alternative, and design and preparation of an interim remedial action plan for remediation of soil and groundwater contaminated with dense non-aquas phase liquid (DNAPL) at a former manufacturing facility in Oxnard, California. The first phase of remediation included the excavation and placement of approximately 11,000 cubic yards of impacted soil into vapor extraction cells for on-site treatment. Soil vapor and vertical and horizontal groundwater extraction wells were installed. The vapor and groundwater treatment systems included air stripping, ultra violet oxidation, and vapor and liquid granulated activated carbon. All work was conducted under oversight of LARWQCB and Ventura County Air Pollution Control District.



Groundwater Investigation, Electronic Manufacturing Plant

Managed a groundwater investigation program at a former electronics manufacturing plant in Santa Ana, California. This included installation, development, and sampling of shallow groundwater monitoring wells and evaluation and interpretation of hydrogeological and analytical data. The investigation was performed under the regulatory oversight of the SARWQCB.

PUBLICATIONS

Evolution of a Conceptual Site Model Using Multimedia CSIA

Platform Presentation, AquaConSoil Conference, Copenhagen, Denmark. June 9-11, 2015 Authors: Rowe Devon, Serlin Carol, Razmdjoo Farshad, and Turner Seema

2015

An Evolving Conceptual Site Model Using Compound Specific Isotope Analysis.

Platform Presentation on Biennial Conference and 24th GRA Annual Meeting in Sacramento, California, October 6, 2015.

Authors: Rowe Devon, Serlin Carol, Razmdjoo Farshad, and Turner Seema

2014

Use of Stable Isotope Ratios of Soil Vapor and Groundwater Samples to Identify Additional Lines of **Evidence for Source Evaluations.**

Platform Presentation at Battelle Ninth International Conference on Remediation of Chlorinated and Recalcitrant Compounds, Monterey, May 2014.

Authors: Rowe Devon, Serlin Carol, Chandler Tom, Razmdjoo Farshad, and Turner Seema

2007

From Non-Linear Geostatistics to Scraper Grading: How to Minimize Excavation Costs for Site Re-Development

Platform presentation at The 17th Annual AEHS Meeting and West Coast Conference on Soils, Sediments and Water, March 10-13, 2007.

Authors: Achour, Farid and Razmdjoo Farshad.

MEMBERSHIPS

Auditing Roundtable International Council of Shopping Centers **Environmental Assessment Association** National Registry of Environmental Professionals Los Angeles County Bar Association National Association of Industrial and Office Properties Orange County Bar Association



REBEKAH J WALE

Managing Consultant

Rebekah Wale has more than 30 years of experience conducting and managing Phase I environmental site assessments and Phase II subsurface investigations. She is a senior practitioner in Ramboll's Merger & Acquisition Due Diligence practice. Her work has included conducting and/or managing numerous property transfer Phase I and Phase II investigations, property redevelopment, site and facility closure activities, California Class I and Class III landfill investigations, compliance groundwater monitoring, state and federal Superfund site assessments, underground storage tank assessments, and litigation support.



CAREER

1990-Present

Senior Manager, Ramboll

Environmental due diligence, Phase II subsurface investigations; prepare various reports, work plans, and results reports; manage clients and staff; coordinate with regulatory personnel.

1985-1990

Field Geologist, Hart Environmental Management CorporationPerform Phase II subsurface investigations; prepare various reports, work plans, and results reports; oversee subcontractors manage clients.

PROJECTS

2005-2015

Due Diligence

Manager

Managed hundreds of single and multiple property Phase I environmental site assessments at various locations throughout the United States and in other countries (e.g., Canada, Mexico, Europe, Asia, Africa).

2002-2004

Property Redevelopment

Manager

Managed several property redevelopment projects of former aerospace facilities in Burbank, California. Responsible for preparing and implementing dust control plans, sampling plans, and health and safety plans during construction activities, and supervised construction personnel to ensure compliance with plans. Prepared weekly reports for submittal to the local agency.

CONTACT INFORMATION

Rebekah J Wale

rwale@ramboll.com +1 (949) 7983693

Ramboll 18100 Von Karman Avenue Suite 600 Irvine, CA 92612 United States of America

EDUCATION

1983-1985

MA, Environmental Science

Montclair State College Montclair, New Jersey United States

1979-1981

BS, Geology

Eastern Michigan University Ypsilanti, Michigan United States



2000

Litigation Support

Manager

Managed day to day activities in a large litigation support case involving an industrial facility. Assisted with preparation of expert opinions, including a cost allocation model.

1999-2015

Site Investigation

Manager

Managed numerous Phase II subsurface investigations related to property transfer projects; including soil gas surveys, soil sampling, grab groundwater sampling, and indoor air sampling.

Managed a large multi-phase remedial investigation at a testing facility in southern California. Responsible for coordinating and directing field staff, preparing technical memorandums and data transmittals, preparing large remedial investigation reports, and communicating and responding to regulatory agency personnel.

Designed and managed soil gas, soil, and ground water investigation programs at a plating facility near Los Angeles, California.

Managed several tasks associated with the sale of a hotel in Los Angeles, California, including underground storage tank removals and investigation of a dry cleaning plant in the hotel.

1998-2005

Property Development

Manager

Managed several property redevelopment projects of former aerospace facilities in Burbank, California. Responsible for preparing and implementing dust control plans, sampling plans, and health and safety plans during construction activities, and supervised construction personnel to ensure compliance with plans. Prepared weekly reports for submittal to the local agency.

1997-1998

Site Investigation

Manager

Managed several tasks associated with investigation and closure of an industrial facility in Los Angeles County, California, including sump removal and a soil boring and sampling program. Prepared sampling plans and results reports.

Designed and managed soil gas, soil, and ground water investigation programs at a shopping center property in Ventura County, California. Prepared sampling plans and results reports, participated in regulatory interaction.

Designed and manage a site investigation of a former dry cleaning facility in Orange County, California, that included soil gas, soil, and ground water sampling programs, and installation of a Soil Vapor Extraction (SVE) remediation system.



Site Investigation

Field Geologist

Managed a Phase II site investigation of an industrial facility in Commerce, California. Prepared a sampling plan, supervised soil boring and sampling activities, reported findings, and participated in regulatory interaction.

Supervised the drilling of soil borings and collected soil samples at a metals recycling facility in Los Angeles, California. Prepared a report on remedial options for soils.

Supervised the installation of five deep aquifer monitoring wells drilled as part of a regional ground water contamination study in northern California.

1993-1995

Geologic Evaluation

Researched and evaluated three properties in the Imperial Valley with regard to geologic, seismic, and flood hazards. The properties were being considered as potential industrial facility sites.

Researched and evaluated the landslide potential of a property for a private client in Los Angeles, California.

1990-2004

Routine Monitoring

Manager

Conducted an evaluation of ground water sampling practices and prepared an environmental technician training seminar for a Class III landfill in Orange County, California.

Managed a large regional quarterly ground water monitoring compliance program in a municipality in Los Angeles County, California. Responsible for oversight of field staff and regulatory compliance. Prepared quarterly monitoring reports.

Managed a large quarterly ground water monitoring compliance program at a Class I landfill in California. Responsible for oversight of field staff and regulatory compliance. Prepared quarterly monitoring reports.

1988-1994

Site Investigation

Field Geologist

Prepared cross sections and isopach maps for several sites as part of a regional ground water study in northern California.

Participated in step-testing and a long-term pumping test of a shallow well at a chemical manufacturing facility.

Managed two multiphased ECRA projects at large industrial facilities in northern New Jersey for a Fortune 100 company. Directed implementation of multiple sampling plans involving soil borings; well installation; ground water, soil, sediment and air sampling; geophysical logging; and aquifer (packer) testing.



Site Investigation

Prepared a site-wide Sampling and Analysis Plan for a Class III landfill in southern California.

Provided technical field oversight services to a group of PRPs at a landfill under investigation in New Jersey.

Provided closure activities at a stamping facility in Alabama, including installing overburden and cored bedrock wells, and conducting ground water and potable well sampling and a soil investigation (soil gas survey and soil sampling).

Assisted with rock coring and the installation of bedrock wells at an incinerator fabrication facility in Pennsylvania. Also participated in slug testing the wells.

Directed an expansion investigation in New Jersey for a warehouse facility that was formerly part of a municipal landfill. Oversaw soil borings and soil sampling, monitoring well installation, and ground water sampling. Prepared sampling results reports, including recommended remedial options and strategic planning.

1986-1988

Site Investigation

Managed three multifaceted site investigations for a gas station chain/fuel transfer facility company in New Jersey. Prepared sampling plans, supervised tank and soil removal and well installation and sampling efforts, completed permit applications for both sites, prepared reports of findings, and provided remedial recommendations.

Managed a planned subdivision site in New Jersey located adjacent to a gasoline spill area. Prepared sampling plans and results reports, supervised a soil gas survey and soil sampling activities, and participated in local government meetings to obtain approvals for building at the site.

Managed a major ECRA investigation of a dye and pigment manufacturing facility in New Jersey. Prepared sampling plans; drilled and sampled soil borings; conducted ground water sampling, pump-in (pressure) testing, discrete interval sampling (packer testing); and oversaw test pit construction and downhole geophysical logging.

1985-1986

Site Investigation Field Geologist

Managed a multiphased ECRA investigation at an electric motor repair plant in New Jersey. Installed overburden and bedrock wells, collected soil and ground water samples, and oversaw soil excavation activities. Negotiated for off-site access. Planned and implemented aquifer testing through a series of short duration step tests, followed by a 72-hour pumping test.

Conducted potable well and surface water sampling at four Superfund asbestos disposal sites in New Jersey. Prepared sampling results report.

Assisted with rock coring and the installation of bedrock wells at an incinerator fabrication facility in Pennsylvania. Also participated in slug testing the wells.

Assisted in the remedial investigation of a metals-contaminated soils problem in Colorado, including grid layout, soil sample collection, test pit construction, and soil mapping.



STEPHANIE T ECKELMAN

Senior Consultant 1

Stephanie Eckelman has been an environmental consultant for 12 years. She has conducted soil, groundwater, and soil vapor investigations for Phase II and groundwater monitoring programs. Stephanie has conducted many ASTM Phase I environmental and due diligence site assessments of commercial, industrial and residential properties.

EDUCATION

1994-1999

BS, Environmental Studies

State of New York College of Environmental Sciences and Forestry, Syracuse, United States

COURSES/CERTIFICATIONS

OSHA 40-hour Hazardous Waste Operations and Emergency Response Standard - HAZWOPER, 2000-2016

LANGUAGE SKILLS

English

PROJECTS

2017-2018

NE Corner Victoria St/Central, Carson RAP The Carson Project Owner, LLC, United States

Ramboll prepared a Human Health Risk Assessment, condusted a statistical eval on distribution of chemicals, prepared a Remedial Action Plan and provided project management, attended meetings, and provided estimated costs for site remediation

2015->>>

Assisted with the creation and implementation of a remedial action plan (RAP) for a facility in South Los Angeles; and

2015->>>

Created and implemented new boring log templates and reports for numerous large scale projects.

CONTACT INFORMATION

Stephanie T Eckelman

seckelman@ramboll.com +1 (213) 9436317

Ramboll 350 S Grand Avenue Suite 2800 Los Angeles, CA 90071 United States of America



2015->>>

Performed site investigations under the scrutiny of the Department of Toxic Substances Control, and Regional Water Quality Control Board, including former Underground Storage Tank sites;

Researched and prepared report detailing various Urban Water Management Plans in the Central Basin;

2015->>>

Experience with a variety of chemicals including total petroleum hydrocarbons (TPH), BTEX, chlorinated solvents, and pesticides at chemical and manufacturing facilities, and automobile service facilities throughout southern California for municipal, manufacturing, and commercial clients;

2015->>>

Conducted Storm Water Pollution Prevention Plan monitoring including pre- and post-storm surface inspection on a large oil field;

2018

Black Equities Warner Ctr Phase I

Black Equities Group Ltd., United States

Ramboll conducted a Phase I ESA for the northwestern portion of a property (former Northrop Grumman facility "Parcel A") located at 5500 Canoga Ave and 21240 Burbank Blvd, Woodland Hills, CA, referred to by the client, Black Equities Group, as the Warner Center Project.

2017-2018

Baker: SSF Add. Site Investigation

Baker Properties, Inc., United States

Ramboll Environ conducted a soil, soil vapor, groundwater, and indoor air investigation at 160-180 Sylvester Road, South San Francisco, CA.

2017-2018

KS: Home Depot - LBP - California

The Home Depot, United States

Ramboll Environ assisted in connection with an investigation involving Home Depot's renovation projects in homes that may have contained lead based paint.

2006-2011

Whittaker Bermite

Conducted soil sampling, surface water runoff sampling, groundwater sampling, soil vapor sampling and groundwater pump tests at a 1000-acre property;

2002-2009

Pentair Pool Products

Prepared and submitted Wastewater Treatment Surcharge Statements and tracked Wastewater Treatment Surcharge Quartely Reports for a facility in South Los Angeles;

2001

Managed well decommissioning, including permitting, for deep wells for various municipalities;



Various Projects

Completed soil sampling, groundwater monitoring, plume tracking, submittal to the Regional Water Quality Control Board GeoTracker™ website, permitting for a volatile organic compound--contaminated property;

2000-2015

Various Projects

Prepared ASTM Phase I reports, including site visits, agency records reviews, and aerial photograph reviews on numerous properties including manufacturing, commercial retail properties, defense-related facilities;

2000-2015

Various Projects

Implementing and reporting on subsurface field investigation work plans and managing site investigations and site assessments;

Appendix F: Phase I Environmental Site Assessment

Part 2: Soil Sampling Results Report





Mr. Scott C. Covington
Vice President, Land Acquisitions
Integral Communities
888 San Clemente Drive
Suite 100
Newport Beach, California 92660

RESULTS OF LIMITED SOIL SAMPLING ASSESSOR'S PARCEL NUMBER 2812-008-022 SANTA CLARITA, CALIFORNIA

Dear Scott: December 13, 2018

This report presents the results of recent soil sampling conducted by Ramboll US Corporation (Ramboll) on a portion of a larger property being redeveloped for residential use, specifically, Assessor's Parcel Number 2812-008-022, located on Bouquet Canyon Road in Santa Clarita, Los Angeles, California ("site;" see Figure 1). As requested, limited soil sampling was conducted to evaluate concentrations of pesticides and arsenic in a select area of the site.

BACKGROUND

As you are aware, Ramboll performed a Phase I environmental site assessment (ESA) of the site in September 2018. According to the 2018 Phase I ESA, a portion of APN 2812-008-022 previously was used for cultivated cropland purposes from at least 1928 until the 1980s. Details regarding the historical use of agricultural chemicals such as pesticides were unknown. Based on the redevelopment plan for this area as provided to Ramboll by Integral Communities, it appears that portions of the proposed development, specifically, PA-2 ("bungalow") and PA-4 ("row"), are within the historical cultivated cropland use area (APN 2812-008-022). PA-2, which appears to be approximately 4 acres in size, will be developed as "small-lot detached homes." These will be condominiums but depending on the lot location, certain of the lots will have small courtyards or side yards. PA-4 will be attached units with no yards. Based on this information, and the potential for small courtyards or side yards to be present in PA-2, which is within the historical cultivated cropland use area, limited soil sampling for pesticides and arsenic was performed for this area.

SCOPE OF WORK

Ramboll implemented the approved scope of work for the additional soil sampling on November 7, 2018. Sampling activities were conducted by Ramboll field personnel working under the supervision of a California Registered Professional Geologist, in

Ramboll 5 Park Plaza Suite 500 Irvine, CA 92614 USA

T +1 949 261 5151 F +1 949 261 6202 www.ramboll.com



accordance with a site-specific Health and Safety Plan. Soil sampling was conducted in general accordance with the California Department of Toxic Substances Control (DTSC) Interim Guidance for Sampling Agricultural Fields (3rd Revision) dated August 7, 2008 (the "Interim Guidance"). As per sampling location recommendations listed in Table 1 of the Interim Guidance, eight soil sampling locations were selected (Figure 2).

Ramboll advanced soil borings at the eight locations, SS-01 through SS-08, as depicted on the attached Figure 2. The samples were located on a grid pattern overlying the former cultivated cropland use area, approximately 100 feet apart. All eight soil borings were advanced to approximately 0.5 feet below ground surface (bgs). Soil samples were collected in stainless steel sleeves via a manually operated slide hammer, sealed, labeled, placed in a closed cooled container, and delivered to a California State-certified laboratory under standard chain-of-custody procedures for subsequent analysis.

Prior to each use and reuse, soil-sampling equipment was cleaned using an Alconox wash and clean water rinse and allowed to air dry. After completion of sampling, the soil borings were backfilled with native soil. Boring location coordinates were recorded using a Trimble Global Positioning System (GPS) model GeoXH6000.

Soil samples were analyzed for the following compounds:

- Organochlorine pesticides, in accordance with United States Environmental Protection Agency (USEPA)
 Method 8081A and;
- Arsenic, in accordance with USEPA Method 6010B.

Laboratory reporting limits were below the applicable USEPA Region IX regional screening levels (RSLs) for soil in a residential land use scenario. A summary of the analytical results is provided on Table 1 and the complete laboratory data package is included in Attachment A.

ANALYTICAL RESULTS AND DISCUSSION

Analytical results indicted the presence of the following compounds in the soil samples collected at the site (Table 1):

- 4,4'-Dichlorodiphenyldichloroethylene (DDE) detected in one soil sample (SS-08) at a concentration of 151 micrograms per kilogram (μg/kg). The RSL for 4,4-DDE is 2,000 μg/kg.
- 4,4'-Dichlorodiphenyltrichloroethane (DDT) detected in one soil sample (SS-08) at a concentration of 15.3 μg/kg. The current RSL for 4,4-DDT is 1,900 μg/kg.
- Arsenic detected in all but one of the soil samples analyzed at concentrations ranging from
 3.20 milligrams per kilogram (mg/kg) to 6.43 mg/kg. The current RSL for arsenic is 0.68 mg/kg.

Analytical results for soil samples collected were compared to USEPA RSLs in a residential land use scenario; neither of the detected concentrations of pesticides were detected at concentrations that exceeded the respective USEPA RSLs in a residential land use scenario.

All detected concentrations of arsenic exceeded the USEPA RSL for arsenic in a residential land use scenario. Arsenic is a naturally occurring metal in soil and tends to be present in native California soils at



concentrations that exceed applicable regulatory thresholds. According to one source, ¹ the average concentration of arsenic detected in California soils is 3.5 mg/kg (with a minimum detection of 0.6 mg/kg and a maximum detection of 11.0 mg/kg in the samples collected for this study); in a second source, ² naturally-occurring arsenic was detected in California soils at concentrations ranging from 0.3 mg/kg to 69 mg/kg. A third study specific to Southern California soils, ³ and based on statistical analysis of a large data set from school facilities in Los Angeles County, gave an upper-bound background arsenic concentration of 12 mg/kg. In addition, detected concentrations of arsenic are consistent among all the samples collected. Therefore, it is Ramboll's opinion that detected arsenic in soils at the site is naturally occurring.

Based on the foregoing, it is Ramboll's opinion that further assessment and/or remediation of the soils in the former cultivated cropland use area at the site is not warranted; however, Ramboll recommends that dust control measures consistent with South Coast Air Quality Management District Rule 403 be implemented during redevelopment of the site.

CLOSURE

Ramboll appreciates the opportunity to continue to assist Integral Communities on this project. If you have any questions, please contact the undersigned.

Very truly yours,

Farshad Razmdjoo Managing Principal

D 949.798.3609 frazmdjoo@ramboll.com

RW:gw

Attachments

Rebekah J. Wale, PG Senior Managing Consultant

D 949.798.3693 rwale@ramboll.com **Stephanie Eckelman** Senior Consultant

D 213.943.6317 seckelman@ramboll.com

Background Concentrations of Trace and Major Elements in California Soils, Kearney Foundation of Soil Science, March 1996.

² Elements in North American Soils, James Dragun, PhD, and Andrew Chiasson, 1991.

Determination of a Southern California Regional Background Concentration, California, Department of Toxic Substances Control, undated.



TABLE

Table 1. Summary of Organochlorine Pesticides and Arsenic in Soil Samples

APN #2812-008-022 Bouquet Canyon Road Santa Clarita, California

_	Boring	Sample		_	chlorine cides	
Sample Location	Location/ Sample I.D.	Depth (ft bgs)	Sample Date	4,4-DDT	4,4-DDE	Arsenic
	Unit	:s		μ g /	/kg	mg/kg
	USEPA Regional S	creening Lo	evel¹	1,900	2,000	0.68
SS-01	SS-01-11082018	0.5	11/07/2018	<8.0	<8.0	4.85
SS-02	SS-02-11082018	0.5	11/07/2018	<8.0	<8.0	<2.0
SS-03	SS-03-11082018	0.5	11/07/2018	<8.0	<8.0	4.66
SS-04	SS-04-11082018	0.5	11/07/2018	<8.0	<8.0	3.30
SS-05	SS-05-11082018	0.5	11/07/2018	<8.0	<8.0	3.20
SS-06	SS-06-11082018	0.5	11/07/2018	<8.0	<8.0	6.43
SS-06D	SS-06D-11082018	0.5	11/07/2018	<8.0	<8.0	5.66
SS-07	SS-07-11082018	0.5 11/07/2018		<8.0	<8.0	3.58
SS-08	SS-08-11082018	0.5	11/07/2018	15.3	151	4.44

Notes:

Samples analyzed for organochlorine pesticides by modified USEPA Method 8081A and for arsenic by USEPA Method 6010B.

Bold - detections above laboratory reporting limit

ft bgs - feet below ground surface

mg/kg - milligrams per kilogram

μg/kg-micrograms per kilogram

USEPA - United States Environmental Protection Agency

DDE-Dichlorodiphenyldichloroethylene

DDT-Dichlorodiphenyltrichloroethane

Only compounds reported above the laboratory reporting limit are shown.

<X - not detected above laboratory reporting limit

¹-USEPA Regional Screening Level (RSL) for soil in a residential land use scenario (November 2018)

Page 1 of 1 Ramboll



FIGURES





DATE: 10/3/2018

DRAFTED BY: J. KING

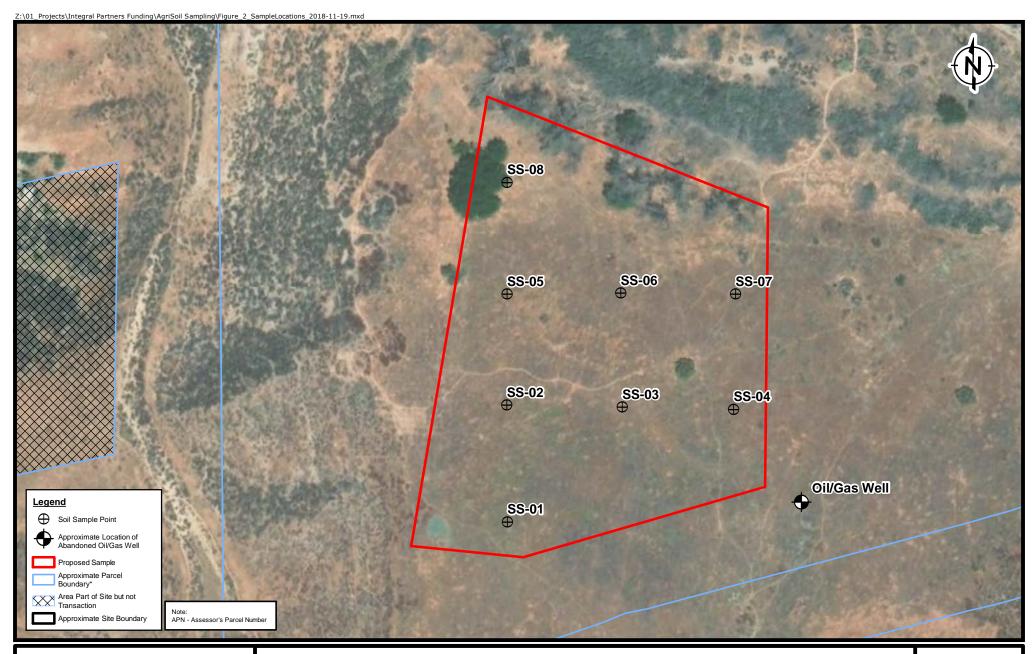
Site Layout

Integral Communities
Assessor Parcel Number (APN) 2812-008-022 on Bouquet Canyon Road
Santa Clarita, California

FIGURE

1

PROJECT: 1690009953





DATE: 11/19/2018

DRAFTED BY: J. KING

Soil Sample Locations
Integral Communities
Assessor's Parcel Numbers (APN) 2812-008-022 on Bouquet Canyon Road
Santa Clarita, California

FIGURE

2

PROJECT: 1690009953



ATTACHMENT A LABORATORY ANALYTICAL DATA



November 15, 2018

Ms. Rebekah Wale Ramboll - Los Angeles 350 South Grand Avenue, Suite 2800 Los Angeles, CA 90017

Report No.: 1811083

Project Name: Bouquet, Bouquet Cyn. Rd. 1690009953 / MSA# SWB4-2019-21

WO# WO-2018-293

Dear Ms. Rebekah Wale,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on November 08, 2018.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager



Certificate of Analysis

Page 2 of 9

File #:73306

Report Date: 11/15/18 Submitted: 11/08/18

PLS Report No.: 1811083

BK81319

BK81319

ai

Ramboll - Los Angeles 350 South Grand Avenue, Suite 2800 Los Angeles, CA 90017

Attn: Ms. Rebekah Wale

Endrin ketone

Heptachlor

ND

ND

Phone: (213) 943-6300 FAX:(213) 943-6301

Project: Bouquet, Bouquet Cyn. Rd. 1690009953 / MSA# SWB4-2019-21 WO# WO-2018-293

ample ID: SS-01-11082018 Se	oil (1811	083-01)	Sam	pled:11/	07/18 (eived:11/08/	18 13:08			
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Te	est Method	Prepared	Analyzed	Ву	Batc
Aldrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
alpha-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
beta-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
delta-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
gamma-BHC (Lindane)	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
alpha-Chlordane	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
gamma-Chlordane	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
4,4'-DDD	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
4,4 '-DDE	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
4,4'-DDT	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Dieldrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Endosulfan I	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Endosulfan II	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Endosulfan sulfate	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Endrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Technical Chlordane	ND		1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Endrin aldehyde	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Endrin ketone	ND		1	ug/kg	12.0	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Heptachlor	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Heptachlor epoxide	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Methoxychlor	ND		1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Toxaphene	ND		1	ug/kg	60.0	EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Surrogate: 2,4,5,6 Tetrachloro-m-xyler	66.1 %			55-126		EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Surrogate: Decachlorobiphenyl	73.9 %			49-133		EPA 3550C	EPA 8081A	11/12/18	11/12/18	ai	BK813
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Te	est Method	Prepared	Analyzed	Ву	Batc
Arsenic	4.85		1	mg/kg	2.00	EPA 3050B	EPA 6010B	11/09/18	11/09/18	AM	BK812
mple ID: SS-02-11082018 So	oil (1811	083-02)	Sam	pled:11/	7/18 (8:47 Rece	ived:11/08/	18 13:08			
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Te	est Method	Prepared	Analyzed	Ву	Batc
Aldrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
alpha-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
beta-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
delta-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
gamma-BHC (Lindane)	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
alpha-Chlordane	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
gamma-Chlordane	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
4,4'-DDD	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
4,4´-DDE	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
4,4'-DDT	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
Dieldrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
Endosulfan I	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
Endosulfan II	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
Endosulfan sulfate	ND		1	ug/kg ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
Endrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
Technical Chlordane	ND ND		1	ug/kg ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
Endrin aldehyde	ND		1	ug/kg ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK813
Endrin dideliyde	ND		1	ug/kg	12.0	EDV 3220C	EDA RORIA	11/12/10	11/13/18	ai	BK813

ug/kg

ug/kg

12.0

4.00

EPA 3550C

EPA 3550C

EPA 8081A

EPA 8081A

11/12/18

11/12/18

11/13/18

11/13/18



Certificate of Analysis

Page 3 of 9

File #:73306

Report Date: 11/15/18 Submitted: 11/08/18

PLS Report No.: 1811083

Ramboll - Los Angeles 350 South Grand Avenue, Suite 2800 Los Angeles, CA 90017

Attn: Ms. Rebekah Wale

Phone: (213) 943-6300

FAX:(213) 943-6301

Project: Bouquet, Bouquet Cyn. Rd. 1690009953 / MSA# SWB4-2019-21 WO# WO-2018-293

Project: Bouquet, Bouquet Cy	/n. Kd. 169	0009953	/ MSA	\# SWB4-	2019-2	1 WO# WO-	2018-293				
Sample ID: SS-02-11082018 Se	oil (1811	083-02)	Sam	pled:11/(7/18	08:47 Rece	ived:11/08/	18 13:08			
Heptachlor epoxide	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Methoxychlor	ND		1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Toxaphene	ND		11	ug/kg	60.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Surrogate: 2,4,5,6 Tetrachloro-m-xylen	63.2 %			<i>55-126</i>		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Surrogate: Decachlorobiphenyl	81.3 %			49-133		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Te	est Method	Prepared	Analyzed	Ву	Batch
Arsenic	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	11/09/18	11/09/18	AM	BK81237
Sample ID: SS-03-11082018 So		083-03)	Sam	pled:11/0	SUCCESSION		ived:11/08/				
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Te	est Method	Prepared	Analyzed	Ву	Batch
Aldrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
alpha-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
beta-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
delta-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
gamma-BHC (Lindane)	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
alpha-Chiordane	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
gamma-Chlordane	ND		1	ug/kg ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
4,4´-DDD	ND		1	ug/kg ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
			1	ug/kg ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
4,4'-DDE	ND			5. 5							BK81319
4,4'-DDT	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai -	
Dieldrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endosulfan I	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endosulfan II	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endosulfan sulfate	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Technical Chlordane	ND		1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin aldehyde	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin ketone	ND		1	ug/kg	12.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Heptachlor	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Heptachlor epoxide	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Methoxychlor	ND		1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Toxaphene	ND		1	ug/kg	60.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Surrogate: 2,4,5,6 Tetrachloro-m-xyler.			=	55-126		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Surrogate: 2,4,5,6 Tetrachioro-in-xyler. Surrogate: Decachlorobiphenyl	74.2 %			49-133		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai ai	BK81319
• • • • • • • • • • • • • • • • • • • •	Results	Flag	D.F.	Units	PQL		est Method	Prepared	Analyzed	By	Batch
Analyte Arsenic	4.66	riay	1	mg/kg	2.00	EPA 3050B	EPA 6010B	11/09/18	11/09/18	AM	BK81237
Sample ID: SS-04-11082018 Sc	de granden gerkenner i de granden er de	083-04)		oled:11/0			ived:11/08/				
Analyte	Results	Flag	D.F.	Units	PQL		est Method	Prepared	Analyzed	Ву	Batch
Aldrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
alpha-BHC	ND		1	ug/kg ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
•	ND ND		1		4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
beta-BHC	ND ND		1	ug/kg	4.00	EPA 3550C EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai ai	BK81319
delta-BHC				ug/kg							BK81319
gamma-BHC (Lindane)	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	
alpha-Chlordane	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai -:	BK81319
gamma-Chlordane	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
4,4'-DDD	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
4,4'-DDE	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
4,4´-DDT	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319



Certificate of Analysis

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File #:73306

Report Date: 11/15/18 Submitted: 11/08/18

PLS Report No.: 1811083

Ramboll - Los Angeles 350 South Grand Avenue, Suite 2800

Los Angeles, CA 90017

Attn: Ms. Rebekah Wale

Aldrin

Phone: (213) 943-6300

FAX:(213) 943-6301

Project: Bouquet, Bouquet Cyn. Rd. 1690009953 / MSA# SWB4-2019-21 WO# WO-2018-293

Sample ID: SS-04-11082018 Sc		4) San	pled:11/	07/18		eived:11/08/				
Dieldrin	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endosulfan I	ND	1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endosulfan II	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endosulfan sulfate	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Technical Chlordane	ND	1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin aldehyde	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin ketone	ND	1	ug/kg	12.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Heptachlor	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Heptachlor epoxide	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Methoxychior	ND	1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Toxaphene	ND	1	ug/kg	60.0	EPA 3550C	EPA_8081A	11/12/18	11/13/18	ai	BK81319
Surrogate: 2,4,5,6 Tetrachloro-m-xyler.	61.5 %		<i>55-126</i>		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Surrogate: Decachlorobiphenyl	<i>78.1</i> %		49-133		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Analyte	Results Flag	D.F.	Units	PQL	Prep/T	est Method	Prepared	Analyzed	Ву	Batch
Arsenic	3.30	1	mg/kg	2.00	EPA 3050B	EPA 6010B	11/09/18	11/09/18	AM	BK81237
Sample ID: SS-05-11082018 Sc	oil (1811083-0	5) Sam	ipled:11/	07/18	10:00 Rece	eived:11/08/	18 13:08			
Analyte	Results Flag	D.F.	Units	PQL	Prep/T	est Method	Prepared	Analyzed	Ву	Batch
Aldrin	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
alpha-BHC	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
beta-BHC	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
delta-BHC	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
gamma-BHC (Lindane)	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
alpha-Chlordane	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
gamma-Chlordane	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
4,4´-DDD	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
4,4´-DDE	ND	1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
4,4´-DDT	ND	1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Dieldrin	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	aí	BK81319
Endosulfan I	ND	1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endosulfan II	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endosulfan sulfate	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Technical Chlordane	ND	1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin aldehyde	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin ketone	ND	1	ug/kg	12.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Heptachlor	ND	1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Heptachlor epoxide	ND	1	ug/kg 	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Methoxychlor	ND	1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai -:	BK81319
Toxaphene	ND	1	ug/kg	60.0	EPA 3550C	EPA_8081A	11/12/18	11/13/18	ai	BK81319
Surrogate: 2,4,5,6 Tetrachloro-m-xyler.			<i>55-126</i>		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Surrogate: Decachlorobiphenyl	76.7 %		49-133		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai -	BK81319
Analyte	Results Flag		Units	PQL		est Method	Prepared	Analyzed	Ву	Batch
Arsenic	3.20	1	mg/kg	2.00	EPA 3050B	EPA 6010B	11/09/18	11/09/18	AM	BK81237
Sample ID: SS-06-11082018 So	il (1811083-0		pled:11/			eived:11/08/	18 13:08			
Analyte	Results Flag	D.F.	Units	PQL	Prep/To	est Method	Prepared	Analyzed	Ву	Batch

ug/kg

4.00

EPA 3550C

EPA 8081A

11/12/18

11/13/18

BK81319



Certificate of Analysis

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File #:73306

Report Date: 11/15/18 Submitted: 11/08/18

PLS Report No.: 1811083

Ramboll - Los Angeles 350 South Grand Avenue, Suite 2800 Los Angeles, CA 90017

Attn: Ms. Rebekah Wale

Heptachlor epoxide

Methoxychlor

Phone: (213) 943-6300

FAX:(213) 943-6301

Project: Bouquet, Bouquet Cyn. Rd. 1690009953 / MSA# SWB4-2019-21 WO# WO-2018-293

Sample ID: SS-06-11082018	Soil (1811	083-06)	Sam	pled:11/	07/18 :	L0:38 Rece	eived:11/08/	18 13:08			
alpha-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
beta-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
delta-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
gamma-BHC (Lindane)	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
alpha-Chiordane	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	al	BK8131
gamma-Chlordane	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
4,4 '-DDD	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
4,4 '-DDE	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
4,4´-DDT	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Dieldrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Endosulfan I	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Endosulfan II	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Endosulfan sulfate	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Endrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Technical Chlordane	ND		1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Endrin aldehyde	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Endrin ketone	ND		1	ug/kg	12.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Heptachlor	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Heptachlor epoxide	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Methoxychlor	ND		1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Toxaphene	ND		1	ug/kg	60.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Surrogate: 2,4,5,6 Tetrachloro-m-x)	yler. 60.6 %			55-126	20 20 20 20	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Surrogate: Decachlorobiphenyl	90.2 %			49-133		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Te	est Method	Prepared	Analyzed	Ву	Batch
Arsenic	6.43		1	mg/kg	2.00	EPA 3050B	EPA 6010B	11/09/18	11/09/18	AM	BK8123
ample ID: SS-06D-11082018	3 Soil (181	1083-0	7) Sar	npled:11	/07/18	10:43 Re	ceived:11/08	/18 13:08			
Analyte	Results	Flag	D.F.	Units	PQL		est Method	Prepared	Analyzed	Ву	Batch
Aldrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
alpha-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
beta-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
delta-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
gamma-BHC (Lindane)	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
alpha-Chlordane	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
gamma-Chlordane	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	al	BK8131
4,4'-DDD	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
4,4 '-DDE	ND		1	ug/kg ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
4,4´-DDT	ND		1	ug/kg ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Dieldrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Endosulfan I	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Endosulfan II	ND		1	ug/kg ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Endosulfan sulfate	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Endrin	ND		1	ug/kg ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Technical Chlordane	ND		1	ug/kg ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Endrin aldehyde	ND		1	ug/kg ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Endrin ketone	ND ND		1	ug/kg ug/kg	12.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
Heptachlor	ND ND		1	ug/kg ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK8131
rieptaciiloi	ND			ug/kg	4.00	EDV SEEDC	EPA 0001A	11/12/10	11/13/10	ai ni	DKOTOT

ug/kg

ug/kg

1

4.00

20.0

EPA 3550C

EPA 3550C

ND

EPA 8081A

EPA 8081A

11/12/18

11/12/18

11/13/18

11/13/18

BK81319

BK81319

ai

ai



Certificate of Analysis

Page 6 of 9

Ramboll - Los Angeles 350 South Grand Avenue, Suite 2800 File #:73306

Los Angeles, CA 90017

Report Date: 11/15/18 Submitted: 11/08/18

PLS Report No.: 1811083

Attn: Ms. Rebekah Wale

Phone: (213) 943-6300

FAX:(213) 943-6301

Project: Bouquet, Bouquet Cyn. Rd. 1690009953 / MSA# SWB4-2019-21 WO# WO-2018-293

Sample ID: SS-06D-11082018		1083-07		mpled:11	Samuel Congress on Sa		ceived:11/08	3/18 13:08			
Toxaphene	ND		1	ug/kg	60.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Surrogate: 2,4,5,6 Tetrachloro-m-xyl				55-126		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Surrogate: Decachlorobiphenyl	73.3 %			49-133		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Analyte	Results	Flag	D.F.	Units	PQL		est Method				
		гіау						Prepared	Analyzed	Ву	Batch
Arsenic	5.66	102 001	1	mg/kg	2.00	EPA 3050B	EPA 6010B	11/09/18	11/09/18	AM	BK81237
	And a series of the control of the process	083-08)	and the second second	pled:11/0			eived:11/08/	The state of the s			
Analyte	Results	Flag	D.F.	Units	PQL		est Method	Prepared	Analyzed	Ву	Batch
Aldrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
alpha-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
beta-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
delta-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
gamma-BHC (Lindane)	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
alpha-Chlordane	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
gamma-Chlordane	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
4,4 '-DDD	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
4,4 '-DDE	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
4,4´-DDT	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Dieldrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endosulfan I	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endosulfan II	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endosulfan sulfate	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Technical Chlordane	ND		1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin aldehyde	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin ketone	ND		1	ug/kg	12.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Heptachlor	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Heptachlor epoxide	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Methoxychlor	ND		1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Toxaphene	ND		1	ug/kg	60.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Surrogate: 2,4,5,6 Tetrachloro-m-xyl	ler. 63.9 %			55-126		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Surrogate: Decachlorobiphenyl	81.1 %			49-133		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Te	est Method	Prepared	Analyzed	Ву	Batch
Arsenic	3.58		1	mg/kg	2.00	EPA 3050B	EPA 6010B	11/09/18	11/09/18	AM	BK81237
Sample ID: SS-08-11082018	Soil (1811)	83-09)	Samp	oled:11/0	7/18 1	L1:30 Rece	ived:11/08/	18 13:08			
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Te	est Method	Prepared	Analyzed	Ву	Batch
Aldrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
alpha-BHC	ND		1	ug/kg ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
beta-BHC	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
delta-BHC	ND		1	ug/kg ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
gamma-BHC (Lindane)	ND		1	ug/kg ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
alpha-Chlordane	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
gamma-Chlordane	ND		1	ug/kg ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
4,4´-DDD	ND ND		1	ug/kg ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai ai	BK81319
4,4´-DDE	151		1	ug/kg ug/kg				11/12/18	11/13/18		
4,4 -DDE 4,4'-DDT	15.3		1		8.00 8.00	EPA 3550C EPA 3550C	EPA 8081A EPA 8081A			ai ai	BK81319
				ug/kg				11/12/18	11/13/18	ai	BK81319
Dieldrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endosulfan I	ND		1	ug/kg	8.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319



Certificate of Analysis

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File #:73306

Report Date: 11/15/18 Submitted: 11/08/18

PLS Report No.: 1811083

Ramboll - Los Angeles 350 South Grand Avenue, Suite 2800 Los Angeles, CA 90017

Attn: Ms. Rebekah Wale

Phone: (213) 943-6300 FAX:(213) 943-6301

Project: Bouquet, Bouquet Cyn. Rd. 1690009953 / MSA# SWB4-2019-21 WO# WO-2018-293

Sample ID: SS-08-11082018 Se	oil (1811	L083-09)	Sam	pled:11/0)7/18 1	L1:30 Rece	ived:11/08/	18 13:08			
Endosulfan II	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endosulfan sulfate	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Technical Chlordane	ND		1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin aldehyde	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Endrin ketone	ND		1	ug/kg	12.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Heptachlor	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Heptachlor epoxide	ND		1	ug/kg	4.00	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Methoxychlor	ND		1	ug/kg	20.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Toxaphene	ND		_ 1	ug/kg	60.0	EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Surrogate: 2,4,5,6 Tetrachloro-m-xyler	63.8 %			<i>55-126</i>		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Surrogate: Decachlorobiphenyl	80.0 %			<i>49-133</i>		EPA 3550C	EPA 8081A	11/12/18	11/13/18	ai	BK81319
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Te	est Method	Prepared	Analyzed	Ву	Batch
Arsenic	4.44		1	mg/kg	2.00	EPA 3050B	EPA 6010B	11/09/18	11/09/18	AM	BK81237



Certificate of Analysis

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File #:73306

Report Date: 11/15/18 Submitted: 11/08/18

PLS Report No.: 1811083

Ramboll - Los Angeles 350 South Grand Avenue, Suite 2800 Los Angeles, CA 90017

Attn: Ms. Rebekah Wale

Phone: (213) 943-6300

FAX:(213) 943-6301

Project: Bouquet, Bouquet Cyn. Rd. 1690009953 / MSA# SWB4-2019-21 WO# WO-2018-293

Quality Control Data

		Control of the Contro	iney Gorner							Romania populario de la comi
				Spike	Source		%REC		RPD	
Analyte	Result	PQL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
Batch BK81319 - EPA 3550C										
Blank	Prepared & A	nalyzed: 11/	12/18							
Aldrin	ND	2.00	ug/kg							
alpha-BHC	ND	2.00	ug/kg							
beta-BHC	ND	2.00	ug/kg							
delta-BHC	ND	2.00	ug/kg							***************************************
gamma-BHC (Lindane)	ND	2.00	ug/kg							
alpha-Chlordane	ND	2.00	ug/kg							
gamma-Chlordane	ND	2.00	ug/kg							
4,4 '-DDD	ND	2.00	ug/kg							
4,4'-DDE	ND	4.00	ug/kg							
4,4´-DDT	ND	4.00	ug/kg							
Dieldrin	ND	2.00	ug/kg							
Endosulfan I	ND	4.00	ug/kg				,			
Endosulfan II	ND	2.00	ug/kg							
Endosulfan sulfate	ND	2,00	ug/kg							
Endrin	ND	2.00	ug/kg	***						
Technical Chlordane	ND	10.0	ug/kg							
Endrin aldehyde	ND	2.00	ug/kg							
Endrin ketone	ND	6.00	ug/kg							
Heptachlor	ND	2.00	ug/kg							
Heptachlor epoxide	ND	2.00	ug/kg						~~~~	
Methoxychlor	ND	10.0	ug/kg							
Toxaphene	ND	30.0	ug/kg							
Surrogate: 2,4,5,6 Tetrachloro-m-xylene	8.15		ug/kg	12.50	***************************************	65.2	55-126	***	***************************************	
Surrogate: Decachlorobiphenyl	7.40		ug/kg	12.50		59.2	49-133			
LCS		nalyzed: 11/1								
Aldrin	7.83	2.00	ug/kg	10.00		78.3	56-130			
gamma-BHC (Lindane)	6,86	2.00	ug/kg	10.00		68.6	56-133			***************************************
4,4 '-DDT	6.25	4.00	ug/kg	10.00		62.5	56-133			
Dieldrin	7.50	2.00	ug/kg	10.00	,,,	75.0	62-119			
Endrin	6.97	2.00	ug/kg	10.00		69.7	59-127			
Heptachlor	6.80	2.00	ug/kg	10.00		68.0	55-110			
Surrogate: 2,4,5,6 Tetrachloro-m-xylene	8.81		ug/kg	12.50		70.5	54-108			
Surrogate: Decachlorobiphenyl	8.91		ug/kg	12.50		71.3	<i>54-127</i>			
Matrix Spike Source: 1811083-01		/12/18 Analy				,				
Aldrin	7.53	4.00	ug/kg	10.00	ND	75.3	39-124			
gamma-BHC (Lindane)	5.68	4.00	ug/kg	10.00	ND	56.8	44-120			
4,4'-DDT	13.7	8.00	ug/kg	25.00	ND	54.9	48-150			
Dieldrin	16.4	4.00	ug/kg	25.00	ND	65.5	48-144			
Endrin	18.8	4.00	ug/kg	25.00	ND	75.1	54-149			
Heptachlor	5.90	4.00	ug/kg	10.00	ND ND	59.0	46-135			
	3.30	1100	49/119	10,00	ND	33.0	,0 155			



Certificate of Analysis

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Ramboll - Los Angeles 350 South Grand Avenue, Suite 2800 File #:73306

Report Date: 11/15/18 Submitted: 11/08/18

PLS Report No.: 1811083

Los Angeles, CA 90017

Attn: Ms. Rebekah Wale

Phone: (213) 943-6300

FAX:(213) 943-6301

Project: Bouquet, Bouquet Cyn. Rd. 1690009953 / MSA# SWB4-2019-21 WO# WO-2018-293

Quality Control Data

		COLUMN TO THE PERSON NAMED IN COLUMN		CONTRACTOR OF THE PARTY	0.000					CLUSTER STREET, STREET
				Spike	Source		%REC		RPD	
Analyte	Result	PQL	Units	Level	Result	%REC	Limits	RPD	Limit	Qualifier
Batch BK81319 - EPA 3550C										
Surrogate: 2,4,5,6 Tetrachloro-m-xylene	7.25		ug/kg	12.50		58.0	55-126			
Surrogate: Decachlorobiphenyl	10.0		ug/kg	12.50		80.0	49-133			
Matrix Spike Dup Source: 1811083-01	Prepared: 11	/12/18 Analy	zed: 11/13/1	8						
Aldrin	7.49	4.00	ug/kg	10.00	ND	74.9	39-124	0.519	30	
gamma-BHC (Lindane)	5.87	4.00	ug/kg	10.00	ND	58.7	44-120	3.24	30	
4,4 '-DDT	14.2	8.00	ug/kg	25.00	ND	56.8	48-150	3.41	30	
Dieldrin	16.9	4.00	ug/kg	25.00	ND	67.5	48-144	3.03	30	
Endrin	18.7	4.00	ug/kg	25.00	ND	74.7	54-149	0.438	30	40
Heptachlor	6.07	4.00	ug/kg	10.00	ND	60.7	46-135	2.89	30	
Surrogate: 2,4,5,6 Tetrachloro-m-xylene	7.55		ug/kg	12.50		60.4	55-126			
Surrogate: Decachlorobiphenyl	10.1		ug/kg	12.50		81.1	49-133			
Batch BK81237 - EPA 3050B										
Blank	Prepared & A	nalyzed: 11/0	9/18							
Arsenic	ND	2.00	mg/kg							
LCS	Prepared & A	nalyzed: 11/0	9/18			*				
Arsenic	49.4	2.00	mg/kg	49.72		99.4	80-120			
Matrix Spike Source: 1811084-13	Prepared & A	nalyzed: 11/0	9/18							
Arsenic	48.3	• •		49.72	3.06	91.0	75-125			
Matrix Spike Dup Source: 1811084-13	Prepared & A	nalyzed: 11/0	9/18							
Arsenic	47.6	2.00	mg/kg	49.72	3.06	89.7	75-125	1.44	30	

Notes and Definitions

NA

Not Applicable

Analyte NOT DETECTED at or above the reported limit(s)

ND NR

Not Reported

MDL

Method Detection Limit

PQL

Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

CHAIN-OF-CUSTODY FORM

No

14555 |811083

UST PROJECT OR IS EDF REQU		YES	CNO) IF	YES,	GLOB	AL IDa							MSA	#Si	ugi.	2019	7-Z	.1	WOR	K ORI	DER	# U)	0-2	0/8-2	293	
PROJECT NAME/FACILITY ID						1	DATE	Ц	1/8	12	0/8		FIELD	PERS	SON#	S	£	CI	Cel	N	an	r					
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