

Appendix H

Phase I Environmental Site Assessment

SEPTEMBER 2018

PHASE I ENVIRONMENTAL SITE ASSESSMENT

MERIDIAN SEWER REALIGNMENT
RIVERSIDE COUNTY, CALIFORNIA

Prepared for:

March Joint Powers Authority
14205 Meridian Pkwy #140
Riverside, CA 92518

Prepared By:

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Kimley-Horn Project No. 095404009

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EXECUTIVE SUMMARY

Table A: Summary of Critical Dates	
Milestone	Date
Report Issuance Date	August 31, 2018
Date of Interview of Past and Present Owners and Occupants Identified in Section 10 of ASTM 1527-13	August 14, 2018
Date of Preliminary Title Report/Environmental Lien Report	N/A
Date of Government Record Review	July 31, 2018
Date of Visual Inspection of Subject and Adjoining Properties	August 23, 2018
Earliest Date of Interviews, Lien Search, Record Reviews, and Inspections	July 31, 2018
Report Viability Date	January 27, 2019

Kimley-Horn and Associates, Inc. (Kimley-Horn) was retained by the March Joint Powers Authority to conduct a Phase I Environmental Site Assessment (ESA) for the proposed alignment located on the west side of the Interstate 215 and Van Buren Boulevard interchange within an unincorporated area of Riverside County, California. The northernmost point of the alignment begins at an existing sewer lift station located within the Meridian Business Park, approximately 850 feet north of Van Buren Boulevard between Interstate 215 and Opportunity Way. The alignment extends south approximately 8,600 linear feet (1.62 miles) to the Western Municipal Water District (WMWD) waste water treatment plant (WWTP). Approximately 6,400 linear feet of the alignment traverses the eastern edge of the Riverside National Cemetery located at 22495 Van Buren Blvd, Riverside, California. This Phase I ESA was conducted in accordance with: (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries (AAI), 40 CFR Part 312} and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process / Designation E 1527-13* (ASTM Standard Practice E 1527-13).

The Phase I ESA for the subject property represents the product of Kimley-Horn's professional expertise and judgment in the environmental consulting industry. This report is certified to, can be relied upon by, and has been prepared for the exclusive use of the following entities: Kimley-Horn and Associates, Inc., the March Joint Powers Authority and their respective successors, assigns, affiliates, and subsidiaries.

Table B: Property Use Summary	
Item	Comments
Number of Parcels and Acreage	Alignment totaling approximately 1.62 miles and a 0.62-acre staging area to include portions of the following 9 parcels: 294-070-032, 294-140-004, 294-40-005, 294-140-009, 294-150-002, 294-150-006, 295-300-003, 295-300-012, and 295-300-014.
Number of Building(s) and Square Footage	No buildings or structures are located within the subject Site.
Current Property Use	294-070-032: Vacant land zoned for commercial use 294-140-004: BNSF rail line and existing roadway 294-140-005: Portion of the Riverside National Cemetery 294-140-009: Portion of the Riverside National Cemetery 294-150-002: BNSF rail line and existing roadway 294-150-006: Portion of the Riverside National Cemetery and expansion/construction staging area 295-300-003: BNSF rail line 295-300-012: Portion of the Riverside National Cemetery 295-300-014: Wastewater Treatment Plant (WWTP)

Standard and other historical sources of information suggest that structures and roadways were located on the Site prior to 1901. Agricultural uses were visible by 1938 and by 1942 Camp Haan (future March Air Force Base) was located on and west of the Site. Increased development related to the March Air Force Base continued during the following decades including the construction of the Arnold Heights residential development (north of the subject Site) and March Field Airport (east of the subject Site) prior to 1953. The Riverside National Cemetery and the WWTP were constructed prior to 1978. In 2009, the portion of the subject Site north of Van Buren Boulevard was cleared and graded and by 2012 initial construction of industrial developments (Meridian Business Park) in the surrounding area commenced. By 2016, Van Buren Boulevard was widened and the overpass and on-ramps to the I-215 were reconfigured to match their current alignment.

Kimley-Horn has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 of the subject Site located on the west side of the Interstate 215 and Van Buren Boulevard interchange within an unincorporated area of Riverside County, California. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report.

Recognized Environmental Conditions

A recognized environmental condition (REC) is defined in the ASTM Standard as *the presence or likely presence of a 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.* Kimley-Horn identified three RECs in association with the subject Site, as discussed in Section 10.2.

Historical Recognized Environmental Conditions

A historical REC (HREC), as defined in the ASTM Standard, *is a past release of any hazardous substance and/or petroleum product that has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria.* No known past releases were associated with the subject Site and no HRECs were identified by Kimley-Horn during this investigation.

Controlled Recognized Environmental Conditions

A controlled REC (CREC), as defined in the ASTM Standard, *is a REC resulting from a past release of hazardous substances and/or petroleum products in which the regulatory agency has allowed contamination to remain in place at the property which is subject to the implementation of required controls and/or restrictive use.* Kimley-Horn has not identified any evidence of CRECs in association with the subject property.

Business Environmental Risks

A Business Environmental Risk (BER), as defined in the ASTM Standard, *is a risk which can have a material environmental or environmentally-driven impact on the business associated with the use of a commercial site, and which does not require further investigation to the same degree as a REC.* Kimley-Horn has not identified any evidence of BERs in association with the subject property.

1.0 INTRODUCTION

This Phase I Environmental Site Assessment (ESA) was conducted in accordance with (1) the United States Environmental Protection Agency (USEPA) Standards and Practices for All Appropriate Inquiries (AAI), 40 CFR Part 312 and (2) guidelines established by the American Society for Testing and Materials (ASTM) in the *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process/Designation E 1527-13* (ASTM Standard Practice E 1527-13).

The Phase I ESA for the above referenced property represents the product of Kimley-Horn's expertise and judgment in the environmental consulting industry. This report is certified to, can be relied upon by, and has been prepared for the exclusive use of the following entities: Kimley-Horn and Associates, Inc. (Kimley-Horn); the March Joint Powers Authority (JPA), and their respective successors, assigns, affiliates, and subsidiaries.

Kimley-Horn acknowledges that these parties may rely on the contents and conclusions presented in this report. Unless stated otherwise in writing, Kimley-Horn makes no other warranty, representation, or extension of reliance upon the findings of this report to any other entity or third party.

1.1: Property Overview

The following is a concise summary of the subject property's current disposition.

Table 1: Property Information	
Item	Comments
Subject Property Location/Address	The subject property is located along an alignment located on the west side of the Interstate 215 and Van Buren Boulevard interchange within an unincorporated area of Riverside County, California.
Number of Parcels and Acreage	Alignment totaling approximately 1.62 miles and a 0.62-acre staging area to include portions of the following 9 parcels: 294-070-032, 294-140-004, 294-140-005, 294-140-009, 294-150-002, 294-150-006, 295-300-003, 295-300-012, and 295-300-014.
Number of Building(s) and Square Footage	No buildings or structures are located within the subject Site.
Current Property Use	294-070-032: Vacant land zoned for commercial use 294-140-004: BNSF rail line and existing roadway 294-140-005: Portion of the Riverside National Cemetery 294-140-009: Portion of the Riverside National Cemetery 294-150-002: BNSF rail line and existing roadway

Table 1: Property Information	
Item	Comments
	294-150-006: Portion of the Riverside National Cemetery and expansion/construction staging area
	295-300-003: BNSF rail line
	295-300-012: Portion of the Riverside National Cemetery
	295-300-014: Western Municipal Water District wastewater treatment facility

The subject property location is depicted on **Figure 1**, Site Location Map. An excerpt from the USGS *Riverside East, California* and *Steele Peak 7.5-Minute Quadrangle Maps* are included as **Figure 2**. **Figure 3** is a current aerial photograph depicting the subject property and adjoining properties. Photographs taken of the subject Site and adjoining properties during the site reconnaissance are included in **Appendix A**.

1.2: Purpose and Scope of Services

The purpose of this Phase I ESA is to qualify the prospective purchaser for Federal landowner liability protection under the Small Business Liability Relief and Brownfields Revitalization Act. As such, this Phase I ESA was prepared to evaluate the current and historical conditions of the subject property in an effort to identify *recognized environmental conditions* (RECs), *controlled recognized environmental conditions* (CRECs) and *historical recognized environmental conditions* (HRECs) in connection with the subject property. This Phase I ESA is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs, CRECs and HRECs associated with the subject property.

1.3: Significant Assumptions

Pursuant to ASTM Standard Practice E 1527-13, Kimley-Horn assumes that the information provided by all sources and parties, including the User, is accurate and complete, except where obvious inconsistencies or inaccuracies were identified.

1.4: Limitations, Deviations, and Special Terms and Conditions

There were no deviations from the ASTM Standard Practice during the preparation of this report with the exception of the owner interview. Kimley-Horn has made several attempts to conduct formal interviews with the current property owner and persons knowledgeable of the current and past uses of the Site. Any physical limitations identified during the completion of this report are referenced in Section 7.0.

Due to changing environmental regulatory conditions and potential on-site or adjacent activities occurring after this assessment, the User may not presume the continuing applicability to the subject property of the conclusions in this assessment for more than 180 days after the earliest report's earliest date of interviews, lien search, record reviews, and inspections date, per ASTM Standard Practice E 1527-13, which was July 31, 2018. Therefore, the report viability date is January 27, 2019.

2.0 USER PROVIDED INFORMATION

The ASTM Standard defines a *User* as “the party seeking to use Practice E 1527 to complete an environmental site assessment. A User may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager.” The User has specific obligations for completing a successful application of this practice as outlined in Section 6 of the ASTM Standard Practice E 1527-13.

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfield’s Revitalization Act of 2001 (the “Brownfield’s Amendments”) (if desired), the User must provide certain information (if available) identified in the User Questionnaire to the Environmental Professional (EP). Failure to provide this information could result in a determination that “all appropriate inquiry” is not complete.

2.1: User Questionnaire

The following table summarized the responses to the User Questionnaire provided by the User. A copy of the completed User Questionnaire is included in **Appendix B**.

User Questionnaire Response

Table 2: Property Use Summary	
Question	Response
Name of Preparer and User Entity	Lauren Sotelo, March Joint Powers Authority (owner and user of Site)
Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?	Unknown
Are you aware of any Activity and Use Limitations, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?	The property is located within Airport Compatibility Use Zone B2 of the 2014 March Air Reserve Base/March Inland Port Airport Land Use Compatibility Plan. Certain land use restrictions (not related to sewer pipelines) are applicable to projects within this Zone. The 2014 March Air Reserve Base/March Inland Port ALUCP can be found at the following website: http://www.rcaluc.org/Portals/0/17%20-%20Vol.%201%20March%20Air%20Reserve%20Base%20Final.pdf?ver=2016-08-15-145812-700

Table 2: Property Use Summary	
Question	Response
As the user of this ESA do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	No, however, the adjoining property to the west is the Riverside National Cemetery and to the east is the BNSF rail line.
Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	Not Applicable. March JPA currently owns the property.
Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user:	Not Applicable.
Do you know the past uses of the property?	No
Do you know of specific chemicals that are present or once were present at the property?	No
Do you know of spills or other chemical releases that have taken place at the property?	No
Do you know of any environmental cleanups that have taken place at the property?	No
As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?	No

2.2: Recorded Land Title Records

Kimley-Horn has not identified any record of environmental liens, activity and use limitations, or institutional controls or engineering controls associated with the subject property through review of reasonable ascertainable records.

A 50-year chain of title search was not conducted for the subject properties by Kimley-Horn. Furthermore, the User did not provide Kimley-Horn with a 50-year chain of title. However, a review of historical aerial photographs and historical topographic maps indicate that the rail line east of the Site, a roadway in a similar configuration as Van Buren Boulevard, and the roadway (Avenue A) parallel to the rail line in the mid- portion of the site were developed prior to 1901. By 1942 Camp Haan (future March Air Force Base)

was identified within and west of the Site and two streams are shown crossing the Site (approximately 0.4 miles south of Van Buren Boulevard and just south of B Street). Structures associated with the present-day WWTP site at the southern boundary of the Site were visible in 1949, and by 1953 the Site and the majority of the surrounding area were located within the March Air Force Base. The Riverside National Cemetery is visible by 1978 and in 2012 the roadways north of Van Buren Boulevard in the former Arnold Heights residential development had been reconfigured and construction of several industrial or commercial developments (Meridian Business Park) had commenced.

2.3: Reason for Performing this Phase I ESA

According to the User, this Phase I ESA was commissioned as part of environmental due diligence related to the trunk sewer improvements on the Site. The purpose of the Phase I ESA is to identify potential environmental concerns that would affect the construction of the proposed alignment.

3.0 PHYSICAL SETTING

The following is a concise summary of the physical setting of the subject Site.

Physical Setting Summary

Table 3: Property Use Summary		
Physical Setting Information for The Subject Properties and Surrounding Area		Source
Topography: Refer to Figure 2 and Appendix C for an excerpt of the Topographic Map.		
Site Elevation	The Site is approximately 1,522 to 1,570 feet above mean sea level.	United States Geological Survey Division (U.S.G.S.) 7.5-Minute Topographic Map of the <i>Riverside East, California</i> and <i>Steele Peak, California</i> Quadrangle, 2015.
Topographic Gradient	The Site is relatively flat and the regional topography slopes to the south and southeast.	
Closest Surface Water	The closest surface water are three streams on the central and southern portions of the Site, which flow under I-215 and converge in a large canal within the adjacent March Air Force Base.	
General Soil Characteristics: Refer to Appendix D for a copy of the soil survey map and soil type descriptions		Source
Soil Type	The primary soil type at the Site is Monserate sandy loam, 0 to 5 percent slopes and Monserate sandy loam, 5 to 8 percent slopes.	United States Department of Agriculture Web Soil Survey: http://websoilsurvey.nrcs.usda.gov/app/
Description	Soils characterized as Monserate sandy loam consist of sandy loam over hardened and cemented materials and loamy coarse sand. Consists of alluvium derived from granite. These soils are well drained. According to EDR, this soil is not considered a hydric soil. The presence of hydric soil is indicative of wetland-like conditions.	
Area Specific Geology/Hydrogeology Characteristics:		Source
Geology	The Site is located within the Jacinto Groundwater Basin located in Riverside, California. The San Jacinto Groundwater Basin underlies San Jacinto, Perris, Moreno, and Menifee	

Table 3: Property Use Summary		
Physical Setting Information for The Subject Properties and Surrounding Area		Source
	<p>Valleys in western Riverside County. This basin is bounded by the San Jacinto Mountains on the east, the San Timoteo Badlands on the northeast, the Box Mountains on the north, the Santa Rosa Hills and Bell Mountain on the south, and unnamed hills on the west. The San Jacinto fault zone cuts through the eastern part of the basin. Natural recharge to the basin is primarily from percolation of flow in the San Jacinto River and its tributary streams; less recharge is from infiltration of rainfall on the valley floor.</p> <p>The water-bearing materials of this basin include younger and older alluvium. The younger alluvium in the southeastern part of the basin is generally coarse and permeable. The older alluvium sediments contain more fine material and have lower specific yield and transmissivity values than the younger alluvium.</p> <p>Historically, high levels of boron and fluoride were found in the central and northwest parts of the basin, and high nitrate-nitrogen concentrations were found in the southeast part of the basin. Pumping is causing groundwater of high total dissolved solids (TDS) content to move from the western part of the basin into groundwater of lower TDS content in the central part of the basin. Remediation efforts have helped slow the migration of this plume.</p>	<p><i>San Jacinto Groundwater Basin</i>, California's Groundwater Bulletin 118, California Department of Water Resources.</p>
Oil and Gas Wells:		Source
Current Oil and Gas Wells on Subject Property	No wells on subject properties. No active well within one mile of subject property.	<p>State of California Department of Conservation Division of Oil, Gas, and Geothermal Resources (DOGGR) website mapping tool (maps.conservation.ca.gov), accessed July 31, 2018.</p>
Historical Oil and Gas Wells on Subject property	No historical wells on the subject properties. No historical wells reported within one mile of subject Site.	

4.0 RECORDS REVIEW

Kimley-Horn reviewed reasonably ascertainable records to identify obvious uses of the subject property from the present, back to the property’s obvious first developed use, or to 1940, whichever is earlier. Reasonably ascertainable records reviewed as part of this Phase I ESA documented the use of the property back to at least 1901.

4.1: Aerial Photographs

Kimley-Horn reviewed reasonably ascertainable aerial photographs for the subject property. The sources and years available are identified in the table below. Copies of the relevant aerial photographs are included in **Appendix E**.

The following table summarizes the observations made for the subject Site during the aerial photograph review. Information obtained about the adjoining properties from these sources is summarized in Section 8.0.

Historical Aerial Photograph Summary

Table 4: Property Use Summary	
Year and Source	Summary of Information
1938 EDR	The Site includes undeveloped land as well as land used for residential/agricultural purposes. A roadway bisects the upper portion of the Site along a route similar to present-day Van Buren Boulevard. Structures related to agriculture and associated residences are located north of the roadway, within and adjacent to the Site. A railway and roadway are located parallel to and east of the Site. Agricultural uses are visible in the surrounding area, along with an airstrip located northeast of the Site.
1949 EDR	Development is visible within and surrounding the Site. Additional roadways and structures associated with the increased military development in the area are visible throughout the surrounding area. Structures associated with the present-day WWTP at the southern boundary of the Site are visible. The railway is still visible east of the Site and the roadway parallel to the railway has expanded. The airstrip northeast of the Site remains visible and the associated airport facility has expanded.
1953 EDR	No significant changes to the Site are visible, however, continued development related to the March Air Force Base is visible throughout the surrounding area, including construction of the Arnold Heights residential development located north of the Site and the expansion of the March Field Airport located east of the Site.
1959 EDR	No significant changes to the Site are visible, however, continued development related to the March Air Force Base is visible throughout the surrounding area, including the golf course to the east of the Site.
1967 EDR	No significant changes were observed on the Site or the surrounding area with the exception of the expansion of the golf course to the east of the Site.

Table 4: Property Use Summary	
Year and Source	Summary of Information
1978 EDR	No significant changes were observed on the Site; however, the Riverside National Cemetery is visible east of the Site and the WWTP is shown south of the Site.
1985 EDR	No significant changes were observed on the Site. The I-215 is visible east of the Site and includes on-ramps and off-ramps at Van Buren Boulevard.
1989 EDR	No significant changes were observed on the Site or the surrounding area.
1994 EDR	No significant changes were observed on the Site or the surrounding area.
2006 EDR	No significant changes were observed on the Site or the surrounding area.
2009 EDR	Land within the northern portion of the Site, adjacent to Van Buren Boulevard, has been cleared and graded. Additional development is visible southeast of the Site and the Arnold Heights residential development north of Van Buren Boulevard is no longer visible and the land in that area has been cleared and graded.
2012 EDR	No significant changes were observed on the Site. The roadways north of Van Buren Boulevard in the former Arnold Heights residential development have been reconfigured and construction of several industrial or commercial developments have commenced.
2016 EDR	Increased development north of Van Buren Boulevard is visible. Van Buren Boulevard has been widened and the overpass and on-ramps to the I-215 have been reconfigured to match their current alignment.

4.2: Sanborn Maps

According to EDR, Sanborn Fire Insurance Maps are reportedly not available for the subject property. Sanborn Maps information is included in **Appendix F**.

4.3: Historical Topographic Maps

Kimley-Horn reviewed reasonably ascertainable historical topographic maps (**Appendix C**) for the subject property provided by EDR. The earliest historical topographic map available for the Site is from 1901. The historical topographic maps suggest that the Site has been developed since 1901 or earlier. The following table summarizes the information obtained about the subject property from the Historical Topographic Maps.

Topographic Map Summary for the Subject Property

Table 6: Property Use Summary	
Year	Summary of Information
1901 EDR	Roadways are visible east and west of a rail line, identified as the Temecula line, which runs parallel east of the Site. A roadway in a similar configuration to present day Van Buren Boulevard is shown, along with other roadways traversing the Site and structures located close to or potentially within the Site. The surrounding area has intersecting roadways with some structures visible along the rail line and northeast of the Site.
1942 EDR	Camp Haan (future March Air Force Base) is identified within and west of the Site. Increased development is visible on the Site and in the surrounding area, particularly roadways and structures associated with Camp Haan, located west of State Route 395 (SR-395), which is designated as a 4-lane highway. Two streams are shown crossing the Site (approximately 0.4 miles south of Van Buren Boulevard and just south of B Street) and a Forest Service fire station is located southwest of the Site.
1947 EDR	There appear to be no significant changes to the Site or surrounding area from the 1942 topographic map.
1953 EDR	The 1953 map shows the Atchison, Topeka and Santa Fe Railway (ATSF) east of and parallel to the subject Site. The Site and the majority of the surrounding area are located within the March Air Force Base. March Field Airport is visible east of the Site and the Arnold Heights housing development is visible to the north of the Site. SR-395 is shown as a divided highway and in the same alignment as present-day I-215, which is first identified in 2012.
1967 EDR	The roadway configuration within and bordering the Site has changed and less roadways are present on-site. The surrounding area shows increased development associated with March Air Force Base including an extension of the March Field Airport.
1973 EDR	The majority of the Site is not visible on the map. The visible portion, north of Nandina Avenue, shows no significant changes from the 1967 map. However, new roadways are visible west of the subject Site.
1978 EDR	The majority of the Site is not visible on the map. The visible portion, north of Nandina Avenue, shows no significant changes from the 1973 map.
1979/1980 EDR	The southern portion of the Site is not visible on the map. The northern portion of the Site is visible, but shows no significant changes to the Site. Development in the surrounding area is minimally altered from the 1967 map (the last visible map of the northern portion of the Site and vicinity), with the exception of Riverside National Cemetery, which is shown west of the Site.
2012 EDR	The majority of the surrounding area shows no significant changes from the 1979/80 map. The I-215 is shown in its current configuration, including the Van Buren Boulevard on-ramps and off-ramps, in the vicinity of the Site. The configuration of roadways west of the Site have been modified, however, minimal changes are shown other than those associated with the I-215 and Van Buren Boulevard roadway configuration.

4.4: Local Street Directories

A city directory abstract for the subject property was requested through EDR (**Appendix G**). The address associated with the subject Site (Van Buren Boulevard, March Air Reserve Base, California, 92518). Information was identified by EDR for 22495 Van Buren Boulevard and 22550 Van Buren Boulevard. The property at 22495 Van Buren Boulevard was found to have a prior use as a cemetery and details are provided in Sections 7.0 and 9.0.

4.5: Assessing Department

Given the nature of the Site, assessing department data was not requested. There are no buildings or structures located within the subject Site.

4.6: Building Department

Given the nature of the Site, building permit data was not requested. There are no buildings or structures located within the subject Site.

4.7: Fire Department

Given the nature of the Site, fire department data was not requested. There are no buildings or structures located within the subject Site.

4.8: Health Department

Given the nature of the Site, health department data was not requested. There are no buildings or structures located within the subject Site.

4.9: Utilities

4.9.1: MUNICIPAL WATER/WATER WELLS

Water service within the subject Site is provided by the Western Municipal Water District. Kimley-Horn was unable to determine when municipal water was first available in the area of the subject Site; however, the Site and adjacent properties have been developed since at least 1901 and presumably this area was serviced by municipal water at that time. There are no municipal wells or water supply wells located on the subject Site or the adjacent properties.

4.9.2: SANITARY SEWER/SEPTIC SYSTEM

Sanitary sewer is provided to the Site by WMWD. Kimley-Horn was unable to determine when sanitary sewer was first available in the area of the subject Site; however, the Site and adjacent properties have been developed since at least 1901 and presumably this area was serviced by sanitary sewer at that time.

4.9.3: HEAT SOURCE

Natural gas is provided to the Site by Southern California Gas Company (SCG) and electrical power is provided to the Site by Southern California Edison (SCE). Kimley-Horn was unable to determine when gas

and electric was first available in the area of the subject Site; however, the Site and adjacent properties have been developed since at least 1901 and presumably this area was serviced by gas and electric service at that time.

4.10: Underground Storage Tank (UST) Systems

Review of reasonably ascertainable standard and other historical sources, and site observations, have not identified the current and historical presence of USTs on the subject property. Specifically, no records of USTs were identified though review of reasonably ascertainable records and Kimley-Horn did not observe any evidence of USTs (i.e. fill ports, vent pipes, etc.) during the site reconnaissance.

4.11: Previous Environmental Reports

No environmental reports were identified for the subject Site. Therefore, no previous environmental reports were reviewed during the preparation of this Phase I ESA.

4.12: Environmental Liens, Activity and Use Limitations, and Government Institutional and Engineering Controls

Kimley-Horn has not identified any record of environmental liens, activity and use limitations, or institutional controls or engineering controls associated with the subject property through review of reasonable ascertainable records.

5.0 INTERVIEWS

The objective of completing interviews with knowledgeable site contacts is to obtain information about the uses and physical characteristics of the property. In general, interviewees supported the information reviewed from other historical sources (i.e. aerial photos, city records, etc.).

Interview Summary

Table 7: Interview Summary				
Representatives	Interviewed	Name and Title	Length of Time Associated with Subject Property	Comments
Current Property Owner	March JPA	Lauren Sotelo, Associate Planner	3 years	Lauren Sotelo has worked with the March Joint Powers Authority, the owner of the Site, for 3 years. See Section 2.1 for details of interview.
Key Site Manager	N/A	N/A	N/A	The Site is vacant.
Current Occupant(s)	No	N/A	N/A	The Site is vacant.
Former Occupant(s)	No	N/A	N/A	Reliable contact information for former property occupants was not provided to Kimley-Horn.
Owner of adjacent properties	No	N/A	N/A	Reliable contact information for former property owners was not provided to Kimley-Horn.

6.0 SUMMARY OF HISTORICAL USE

Standard and other historical sources of information suggest that structures and roadways were located on the Site prior to 1901. Agricultural uses were visible by 1938 and by 1942 Camp Haan (future March Air Force Base) was located on and west of the Site. Increased development related to the March Air Force Base continued during the following decades including the construction of the Arnold Heights residential development and March Field Airport prior to 1953. The Riverside National Cemetery and the WWTP were constructed prior to 1978. In 2009, the portion of the site north of Van Buren Boulevard was cleared and graded and by 2012 initial construction of industrial developments in the surrounding area were commencing. By 2016, Van Buren Boulevard was widened and the overpass and on-ramps to the I-215 were reconfigured to match their current alignment.

7.0 SUBJECT PROPERTY RECONNAISSANCE

The following section provides a summary of the site reconnaissance undertaken at the subject property.

Site Reconnaissance Information

Table 8: Reconnaissance Information	
EP Field Personnel:	Karina Fidler
Site Reconnaissance Date:	August 23, 2018
Weather Conditions:	88°F, Clear and dry
Escort:	Dean Meyer with the Riverside National Cemetery
Limitations:	none

7.1: Subject Property Observations

A reconnaissance of the subject Site was performed by Karina Fidler (Kimley-Horn) on August 23, 2018. The site reconnaissance consisted of a visual and pedestrian survey of the subject property and the adjoining properties to determine whether the prevailing site conditions warranted further investigation or consideration as a REC. Ms. Fidler was accompanied by Dean Meyer with the Riverside National Cemetery during the site reconnaissance. Mr. Meyer is the engineer in charge of the Riverside National Cemetery Expansion Project. Two of the future sewer laterals proposed as part of a separate project are located within the construction limits of the Riverside National Cemetery Expansion Project. The weather was clear and dry, approximately 88° F at the time of the site reconnaissance. Photographs taken during the site reconnaissance are provided in **Appendix A**.

The northern portion of the subject Site consists of vacant land adjacent to a detention basin associated with the Meridian Business Park, north of Van Buren Boulevard. The middle portion of the Site consists of an existing roadway (Avenue A). Avenue A is paved with asphalt. The southern portion of the Site is located in disturbed and undeveloped area (non-native grassland) immediately to the west of the existing BNSF railway and I-215. The proposed alignment also borders the existing Western Municipal Water District Waste Water Treatment Plant (WWTP) to the west at the southern end of the Site. The proposed alignment will connect to the existing WWTP at the southern end of the subject Site. There was a pipeline marker delineating a sewer pipeline in this location. There are three proposed sewer laterals that will connect to the proposed sewer alignment. The northernmost sewer lateral is located within Avenue A (northern terminus) and will connect to an existing manhole located at the north property boundary of the Riverside National Cemetery near the intersection of Van Buren Blvd. and Avenue A. The center and southernmost proposed sewer laterals are located within the Riverside National Cemetery Expansion Project which is currently under construction. The construction site consists of numerous stockpiles of dirt that are actively being moved around in the grading operations. In addition, there are approximately 15 to 20 stockpiles approximately 10 cubic yards each located in the proposed location of the center sewer

lateral. These stockpiles consist of vegetation debris, mulch and soil. No regulated substances or materials were observed to be stored or stockpiled adjacent to the subject Site.

There are no structures located on the subject Site. There are overhead lines that cross Avenue A in two places at the northern end of the Site. The overhead lines parallel the BNSF railway in between the subject Site and the tracks. There are transformers associated with these lines, but all transformers appear on poles located outside of the subject Site. There was no staining observed in association with these transformers. No evidence of stressed or stained vegetation was observed on-site. Aside from wind-blown trash and debris, no evidence of contamination or potential sources of contamination were identified in association with the proposed sewer alignment.

Site Reconnaissance Observations

Table 9: Property Use Summary		
Category	Feature	Observed
Interior Equipment	Elevators	NA
	Air Compressors	NA
	Incinerators	NA
	Waste Treatment Systems	NA
	Presses/Stamping Equipment	NA
	Press Pits	NA
	Hydraulic Lifts or In-ground hoists	NA
	Paint Booth	NA
	Plating Tanks	NA
	Lathes, Screw Machines, etc.	NA
Aboveground Chemical or Other Waste Storage or Waste Streams	Aboveground Storage Tanks (ASTs)	No
	Drums, Barrels and/or Containers > 5 gallons	No
	Chip Hoppers	No
	Hazardous or Petroleum Waste Streams	No
Underground Chemical or Waste	Underground Storage Tanks	No
	Septic Tank	No

Table 9: Property Use Summary		
Category	Feature	Observed
Storage, Drainage or Collection Systems	Fuel Dispensers	No
	Sumps or Cisterns	No
	Dry Wells	No
	Oil/Water Separators	No
	Floor Drains, Trench Drains, etc.	No
	Pipeline Markers	Yes
Exterior Observations	Stressed Vegetation	No
	Stained Soil or Pavement	No
	Pad or Pole Mounted Transformers and/or Capacitors	Off-site
	Soil Piles of Unknown Origin	No
	Exterior Dumpsters with Staining	No
	Leachate or Other Waste Seeps	No
	Trash, Debris, and/or Other Waste Materials	No
	Uncontrolled Dumping or Disposal Areas	No
	Surface Water Discoloration, Sheen or Free Product	No
	Strong, Pungent or Noxious Odors	No
	Storm water retention or detention ponds	No
	Pits, Ponds, Lagoons	No

7.1.1: CURRENT OPERATIONS

The northern portion of the subject Site consists of vacant land adjacent to a detention basin associated with the Meridian Business Park, north of Van Buren Boulevard. The middle portion of the Site consists of existing paved roadway (Avenue A). The southern portion of the Site is located in disturbed and undeveloped area (non-native grassland). There are three proposed sewer laterals that will connect to the proposed trunk sewer alignment as part of a separate project. The northernmost sewer lateral is located within Avenue A. The center and southernmost sewer laterals are located within the Riverside National Cemetery Expansion Project which is currently under construction.

8.0 ADJOINING PROPERTIES

The following Section provides information about the adjoining properties obtained during the site reconnaissance and through review of reasonably ascertainable information.

North Adjoining Properties

The Site is bounded to the north by the Meridian Business Park, which consists of large industrial warehouses and distribution centers.

East Adjoining Properties

The Site is bounded to the east by the BNSF railway and the I-215 freeway.

South Adjoining Property

The Site is bounded to the south by the existing WWTF.

West Adjoining Property

The Riverside National Cemetery is located to the west of the subject Site.

9.0 REGULATORY RECORDS REVIEW

Kimley-Horn retained EDR to provide current regulatory database information compiled by a variety of federal and state regulatory agencies. A copy of the complete database report is included in **Appendix H**. The following information was obtained.

Environmental Database Review Summary

Table 10: Property Use Summary			
Type	Regulatory Agency Database	Approximate Minimum Search Distance (AMSD)	Number of Sites within AMSD
Federal NPL Site List	National Priority List (NPL) Sites	1 mile	1
	Proposed NPL	1 mile	0
	NPL Liens	Subject Property	0
Federal	Delisted National Priority List (DNPL) Sites	½ mile	0
Federal CERCLIS List	Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) Sites	½ mile	0
	Federal Facility	½ mile	0
	SEMS	½ mile	1
Federal	CERCLIS No Further Remediation Action Planned (NFRAP) Sites	½ mile	0
	Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS) Sites	1 mile	0
	RCRA non-CORRACTS Treatment, Storage or Disposal (TSD) Sites	½ mile	0
Federal RCRA Generators List	RCRA Large Quantity Generators (LQG) Sites	¼ mile	1
	RCRA Small Quantity Generators (SQG) Sites	¼ mile	0
	RCRA Conditionally Exempt Small Quantity Generators (CESQG) Sites	¼ mile	0
	US Eng Controls	½ mile	0

Table 10: Property Use Summary			
Type	Regulatory Agency Database	Approximate Minimum Search Distance (AMSD)	Number of Sites within AMSD
Federal Institutional Control/Engineering Control Registries	US Inst Control	½ mile	1
	LUCIS	½ mile	0
Federal	Environmental Response and Notification System (ERNS)	Subject Property	0
State & Tribal	CA RESPONSE	1 mile	2
	ENVIROSTOR (equivalents to CERCLIS)	1 mile	3
	Solid Waste Facilities/Landfill Sites (SWLF)	½ mile	1
State & Tribal Leaking Storage Tank Lists	Leaking Underground Storage Tank (LUST) Sites	½ mile	5
	Indian LUST	½ mile	0
State & Tribal Registered Storage Tank List	CA Registered Underground Storage Tank (UST) Sites	¼ mile	0
	SLIC	½ mile	0
	CA AST	¼ mile	0
	Indian UST	¼ mile	0
	FEMA UST	¼ mile	0
State & Tribal Voluntary Cleanup Sites	Voluntary Cleanup Program (VCP)	½ mile	0
	Indian VCP	½ mile	0
Local	US Brownfields	½ mile	0
Local Solid Waste Facilities/Landfill Sites (SWLF)	ODI	½ mile	0
	CA WMUDS/SWAT	½ mile	0
	Debris Region 9	½ mile	0
	SWRCY	½ mile	0
	Indian ODI	½ mile	0

Table 10: Property Use Summary			
Type	Regulatory Agency Database	Approximate Minimum Search Distance (AMSD)	Number of Sites within AMSD
Local Hazardous Waste Contaminated Sites	US CDL	Subject Property	0
	CDL	Subject Property	0
	US Hist CDL	Subject Property	0
	CA HIST CAL-SITES	1 mile	1
Local	CA FID UST	¼ mile	0
	HIST UST	¼ mile	0
	SWEEPS UST	¼ mile	0
	Land Records (Liens 2)	Subject Property	0
	DEED	½ mile	0
Records of Emergency Release Reports	HMIRS	Subject Property	0
	SPILLS 90	Subject Property	0
Other	RCRA NonGen/NLR	¼ mile	0
	DOT OPS	Subject Property	0
	DOD	1 mile	1
	FUDS	1 mile	2
	CONSENT	1 mile	0
	Record of Decision (ROD)	1 mile	1
	UMTRA	½ mile	0
	US Mines	¼ mile	0
	TRIS	¼ mile	0
	TSCA	Subject Property	0
	FTTS	Subject Property	0
	HIST FTTS	Subject Property	0
	SSTS	Subject Property	0

Table 10: Property Use Summary			
Type	Regulatory Agency Database	Approximate Minimum Search Distance (AMSD)	Number of Sites within AMSD
	ICIS	Subject Property	0
	PADS	Subject Property	0
	MLTS	Subject Property	0
	RADINFO	Subject Property	0
	FINDS	Subject Property	0
	ECHO	Subject Property	0
	HIST CORTESE	½ mile	3
	CA CORTESE	½ mile	0
	CA HWP	1 mile	1
	HAZNET	Subject Property	0
	EMI	Subject Property	0
	RAATS	Subject Property	0
	RMP	Subject Property	0
	Notify 65	1 mile	1
	CA WIP	¼ mile	34
	Drycleaners	¼ mile	0
	NPDES	Subject Property	0
	AIRS	Subject Property	0
	UMTRA	½ mile	0
	SCRD Drycleaner	½ mile	0
	Lead Smelters	Subject Property	0
	2020 COR Action	¼ mile	0
	Mines	¼ mile	0
	US Airs	Subject Property	0

Table 10: Property Use Summary			
Type	Regulatory Agency Database	Approximate Minimum Search Distance (AMSD)	Number of Sites within AMSD
	PRP	Subject Property	1
	PCB Transformer	Subject Property	0
	Coal Ash EPA	½ mile	0
	Coal Ash DOE	Subject Property	0
	Financial Assurance	Subject Property	0
	EPA Watch List	Subject Property	0
	EDR MGP	1 mile	0
	EDR US Hist Auto Stat	¼ mile	0
	EDR US Hist Cleaners	¼ mile	0
	RGA LF	Subject Property	0
	RGA LUST	Subject Property	0
Either	Unmappable Database Listings (a.k.a. Orphan Sites)	database-dependent	0

9.1: Subject Property and Occupant Listings

The subject property was not identified in the referenced databases.

9.2: Adjoining and Nearby Sites

Kimley-Horn’s review of the referenced databases also considered the potential or likelihood of contamination from adjoining and nearby sites. To evaluate which of the adjoining and nearby sites identified in the regulatory database report present an environmental risk to the subject property, Kimley-Horn considered the following criteria:

- The type of database on which the adjoining/nearby property is identified.
- The topographic position of the property relative to the subject property.
- The direction and distance of the identified facility from the subject property.
- Local soil conditions in the subject property area.
- The known and/or inferred ground water flow direction in the subject property area.

- The status of the respective regulatory agency-required investigations and/or cleanup associated with the identified facility.
- Surface and subsurface obstructions and diversions (e.g., buildings, roads, sewer systems, utility service lines, rivers, lakes, and ditches) located between the identified site and the subject property.

Only those sites that are judged to present a potential environmental risk to the subject property and/or warrant additional clarification are further evaluated. Using the referenced criteria, and based upon a review of readily available information contained within the regulatory database report, Kimley-Horn did not identify adjoining (i.e., bordering) or nearby sites (e.g., properties within a ¼-mile radius) listed in the regulatory database report that were judged to present a potential environmental risk to the subject property with the exception of the following:

- Riverside National Cemetery (immediately to the west of the subject Site)

This cemetery is located immediately to the west of the proposed main sewer alignment and two of the future sewer laterals (part of a separate project) are located within the cemetery expansion area currently under construction. This facility is listed on the HIST CORTESE database. According to the GeoTracker database (<http://geotracker.waterboards.ca.gov/> accessed August 27, 2018), the Riverside National Cemetery site received regulatory closure on April 4, 1989. Notwithstanding this instance, the cemetery is a potential source of localized contamination resulting in the common and legal use of embalming fluids that may result in localized impacts to soil and ground water. Given that this existing cemetery is directly adjacent to the project Site and ground disturbance is planned within the cemetery expansion area, **this facility is considered a REC** for the subject Site.

- BNSF Railway (immediately east of the subject Site)

The BNSF Railway is immediately to the east of the proposed sewer alignment. This facility is listed on the CIWQS (California Integrated Water Quality System) database. There is very limited information in the EDR report regarding this site. The site is also not listed on the GeoTracker database (<http://geotracker.waterboards.ca.gov/> accessed August 27, 2018) or the Envirostor database (<https://www.envirostor.dtsc.ca.gov/> accessed August 27, 2018). However, the common and legal use of creosote and arsenic in rail ties could result in localized impacts to soil. Given that the BNSF railway is within 50 feet of the proposed sewer alignment, **this facility is considered a REC** for the subject Site.

- Former March Air Force Base OU-2-Site 19 West March Sludge Drying Beds (immediately south of the subject Site)

According to the GeoTracker database (<http://geotracker.waterboards.ca.gov/> accessed August 27, 2018), the former March Air Force Base OU-2-Site 19 West March Sludge Drying Beds Site was located southeast of the wastewater treatment facility. The site contained four lined sludge drying beds and three unlined sludge drying beds. Approximately 7,000 cubic yards of surface and near-surface soil contamination was estimated to exist over the site. The contaminants of concern and ecological concern were: polynuclear aromatic hydrocarbons, polychlorinated biphenyls, hexavalent chromium, and thallium. The current and future land use expected for the site is a public wastewater treatment facility.

The March Installation Restoration Program (IRP) began in September of 1983. The initial study identified 30 potential contaminated sites for further investigation. A second study, completed in

March 1987, consisted of the collection of soil, water, and soil gas samples. In June 1987, further investigation was conducted. This investigation indicated that further investigation was required to better define the extent of soil and groundwater contamination and off-base migration of the chlorinated solvent trichloroethene in groundwater. In November 1991, March was listed on the U.S EPA National Priorities List (Superfund site) due to the presence of contamination in groundwater beneath the base. Sites were placed into 3 separate Operable Units (OU). Site 19 was placed in OU-2. The OU-2 Air Force Real Property Agency (AFRPA) Remedial Investigation/Feasibility Study (for 15 Sites) was made available to the public in November 1996. The OU-2 AFRPA Record of Decision (ROD) was final in April 2004. The site was closed without restrictions by Amendment to the ROD dated October 6, 2016. Given the no further action and regulatory closure for this site, this facility is not considered a REC for the subject Site.

- Former March Air Force Base OU-2-Site 24 Landfill No. 1 (immediately south of the subject Site)

According to the GeoTracker database (<http://geotracker.waterboards.ca.gov/> accessed August 27, 2018), the former March Air Force Base OU-2-Site 24 Landfill No. 1 Site was located immediately south of the subject Site. As described above, it was part of the March Air Force Base IRP OU-2. The site received regulatory closure in April 2004 when the OU-2 AFRPA ROD was issued. Given the no further action and regulatory closure for this site, this facility is not considered a REC for the subject Site.

- Former Camp Haan Site Y (immediately to the west of the subject Site)

This facility is listed on the SWF/LF (State and tribal landfill and/or solid waste disposal site lists), RESPONSE, ENVIROSTOR and Cortese databases. According to the GeoTracker database (<http://geotracker.waterboards.ca.gov/> accessed August 27, 2018), the Camp Haan Site Y site is an open site assessment. Site Y consists of a landfill within Riverside National Cemetery, formerly known as Camp Haan. The site has historically been used as a landfill. The landfill is described as having received solid waste during Camp Haan operations (November 1940 through August 1946). Such waste has included waste and ash from the incinerator that was located within the site area. Demolition debris from former Camp Haan buildings has also been placed within the landfill. In recent years, surplus soil from cemetery operations has been placed in the landfill. Soil and groundwater sampling have taken place and remedial action plans have been prepared and implemented for Site Y. However, as recent as June 2018, the Regional Water Quality Control Board (RWQCB) has issued a letter in response to their review of the "Draft Final Decision Document for Site Y at Former Camp Haan, Riverside County" dated April 2018 to say that they do not agree that no further action is needed. They state that the non-engineered soil cover will need maintenance in order to provide positive drainage, to minimize erosion, to prevent ponding, and to minimize water infiltration through the cover. The RWQCB also requests that the site include a development of appropriate institutional controls to restrict access to prevent digging in the soil cover or disposal of additional waste to the site, and a long-term monitoring and maintenance plan for the non-engineered soil cover. Given that this site is directly adjacent to the project site, **this facility is considered a REC** for the subject Site.

9.3: Vapor Evaluation

The ASTM E1527-13 document standardizes the terms release and migration consistent with those used in CERCLA and AAI. As such, potentially harmful vapors must be evaluated during the completion of a Phase I ESA.

Kimley-Horn performed a Tier 1 Vapor Encroachment Screening (VES) as defined in ASTM E2600-10¹, with the purpose of identifying if a Vapor Encroachment Condition (VEC) exists in association with the subject Site (**Appendix I**). A VEC is defined as the presence or likely presence of contaminants of concern (COC) vapors in the subsurface of the subject Site caused by a release of hazardous substances and/or petroleum compounds into soil and groundwater.

Current and historical uses were evaluated within the Area of Concern (AOC) during the completion of the Tier 1 VES. As indicated in ASTM 2600-10, the radial distance of the AOC for non-petroleum hydrocarbon COCs (i.e. chlorinated VOCs) is 1/3-mile and 1/10 mile for petroleum hydrocarbons.

The VES report identified adjoining (i.e., bordering) or nearby sites (e.g., properties within a ½ -mile radius) listed in the regulatory database report. Kimley-Horn determined that these sites do not present a potential environmental risk to the subject property with the exception of the following:

- Riverside National Cemetery (immediately to the west of the subject Site)
- BNSF Railway (immediately east of the subject Site)
- Former March Air Force Base OU-2-Site 19 West March Sludge Drying Beds (immediately south of the subject Site)
- Former March Air Force Base OU-2-Site 24 Landfill No. 1 (immediately south of the subject Site)
- Former Camp Haan Site Y (immediately to the west of the subject Site)

The sites noted above and determined to require further evaluation are further discussed in Section 9.2.

¹ Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions

10.0 FINDINGS, OPINIONS AND CONCLUSIONS

10.1: Significant Data Gaps

Kimley-Horn did not encounter any significant data gaps during the course of this ESA.

10.2: Recognized Environmental Conditions (RECs)

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E 1527-13 for the proposed sewer alignment totaling approximately 1.62 miles and a 0.62-acre staging area located on the west side of the Interstate 215 and Van Buren Boulevard interchange within an unincorporated area of Riverside County, California; the subject property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. Kimley-Horn identified the following RECs in association with the subject Site:

- Riverside National Cemetery (immediately to the west of the subject Site)

This cemetery is located immediately to the west of the proposed main sewer alignment and two of the future sewer laterals (part of a separate project) are located within the cemetery expansion area currently under construction. This facility is listed on the HIST CORTESE database. According to the GeoTracker database (<http://geotracker.waterboards.ca.gov/> accessed August 27, 2018), the Riverside National Cemetery site received regulatory closure on April 4, 1989. Notwithstanding this instance, the cemetery is a potential source of localized contamination resulting in the common and legal use of embalming fluids that may result in localized impacts to soil and ground water. Given that this existing cemetery is directly adjacent to the project Site and ground disturbance is planned within the cemetery expansion area, **this facility is considered a REC** for the subject Site.

- BNSF Railway (immediately east of the subject Site)

The BNSF Railway is immediately to the east of the proposed sewer alignment. This facility is listed on the CIWQS (California Integrated Water Quality System) database. There is very limited information in the EDR report regarding this site. The site is also not listed on the GeoTracker database (<http://geotracker.waterboards.ca.gov/> accessed August 27, 2018) or the Envirostor database (<https://www.envirostor.dtsc.ca.gov/> accessed August 27, 2018). However, the common and legal use of creosote and arsenic in rail ties could result in localized impacts to soil. Given that the BNSF railway is within 50 feet of the proposed sewer alignment, **this facility is considered a REC** for the subject Site.

- Former Camp Haan Site Y (immediately to the west of the subject Site)

This facility is listed on the SWF/LF (State and tribal landfill and/or solid waste disposal site lists), RESPONSE, ENVIROSTOR and Cortese databases. According to the GeoTracker database (<http://geotracker.waterboards.ca.gov/> accessed August 27, 2018), the Camp Haan Site Y site is an open site assessment. Site Y consists of a landfill within Riverside National Cemetery, formerly known as Camp Haan. The site has historically been used as a landfill. The landfill is described as having received solid waste during Camp Haan operations (November 1940 through August 1946). Such waste has included waste and ash from the incinerator that was located within the site area. Demolition debris from former Camp Haan buildings has also been placed within the landfill. In

recent years, surplus soil from cemetery operations has been placed in the landfill. Soil and groundwater sampling have taken place and remedial action plans have been prepared and implemented for Site Y. However, as recent as June 2018, the Regional Water Quality Control Board (RWQCB) has issued a letter in response to their review of the “Draft Final Decision Document for Site Y at Former Camp Haan, Riverside County” dated April 2018 to say that they do not agree that no further action is needed. They state that the non-engineered soil cover will need maintenance in order to provide positive drainage, to minimize erosion, to prevent ponding, and to minimize water infiltration through the cover. The RWQCB also requests that the site include a development of appropriate institutional controls to restrict access to prevent digging in the soil cover or disposal of additional waste to the site, and a long-term monitoring and maintenance plan for the non-engineered soil cover. Given that this site is directly adjacent to the project Site, **this facility is considered a REC** for the subject Site.

10.3: Controlled Recognized Environmental Conditions

A CREC is a recognized environmental condition that is being appropriately characterized and remediated in accord with, and under the supervision of, authorized governmental agency charged with oversight of such recognized environmental condition. This assessment has not revealed evidence of controlled recognized environmental conditions connected with the subject property.

10.4: Historical Recognized Environmental Conditions

A historical REC (HREC), as defined in the ASTM Standard, is a past release of any hazardous substance and/or petroleum product that has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria. This assessment has not revealed evidence of historical recognized environmental conditions connected with the subject property.

10.5: Business Environmental Risk

A Business Environmental Risk (BER), as defined in the ASTM Standard, is a risk which can have a material environmental or environmentally-driven impact on the business associated with the use of a commercial site, and which does not require further investigation to the same degree as a REC. This assessment has not revealed evidence of business environmental risk conditions connected with the subject property.

10.6: Statement of Compliance

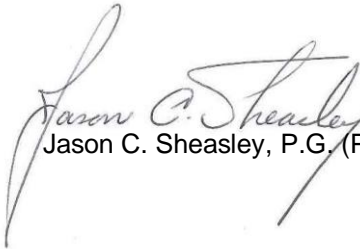
We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-13 for the proposed sewer alignment totaling approximately 1.62 miles and a 0.62-acre staging area located on the west side of the Interstate 215 and Van Buren Boulevard interchange within an unincorporated area of Riverside County, California; the subject property. Any exceptions to, or deletions from, this practice are described in Section 1.4 of this report. This assessment has revealed evidence of RECs connected with the property as listed in Section 10.2 of this report.

11.0 SIGNATURE(S) OF ENVIRONMENTAL PROFESSIONAL(S)

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



Karina Fidler, AICP, CPESC



Jason C. Sheasley, P.G. (PA, FL, NC)

12.0 REFERENCES

The following published sources were utilized during completion of this Phase I ESA:

Environmental Data Resources (EDR), Inc., *EDR Vapor Encroachment Screen, Certified Sanborn® Map Report, EDR Radius Map™ with Geotrack®, EDR Historical Topographic Map Report, EDR City Directory Image Report, EDR Aerial Photo Decade Package*, August 2018.

Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM, ASTM Designation E 1527-13, Published November 2013.

United States Geological Survey Division (U.S.G.S.) 7.5 Minute Topographic Map, *Riverside East, California*, 2015.

United States Geological Survey Division (U.S.G.S.) 7.5 Minute Topographic Map, *Steele Peak, California*, 2015.

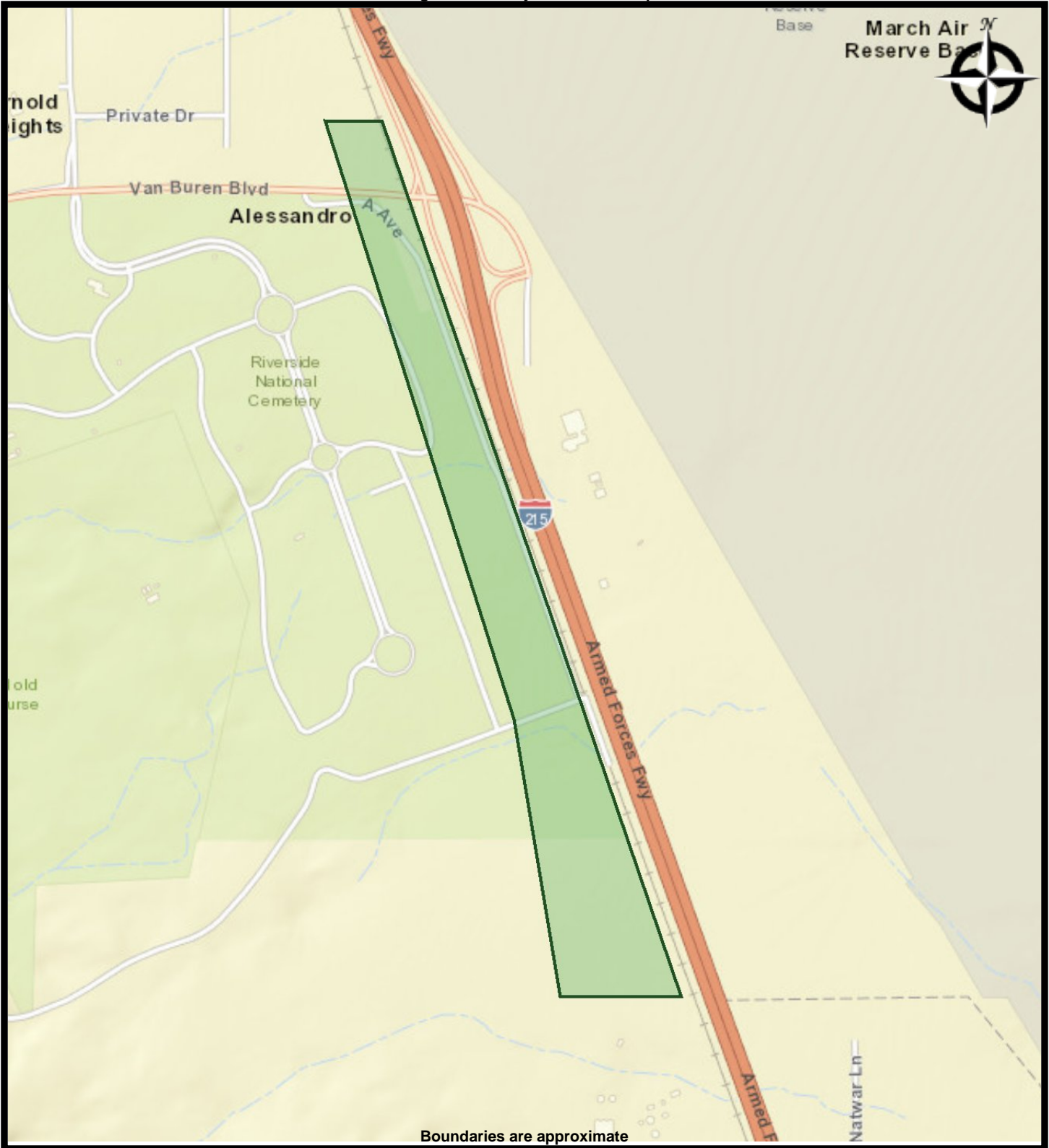


FIGURE 1: SITE LOCATION MAP

**Van Buren Boulevard
Riverside County, CA**

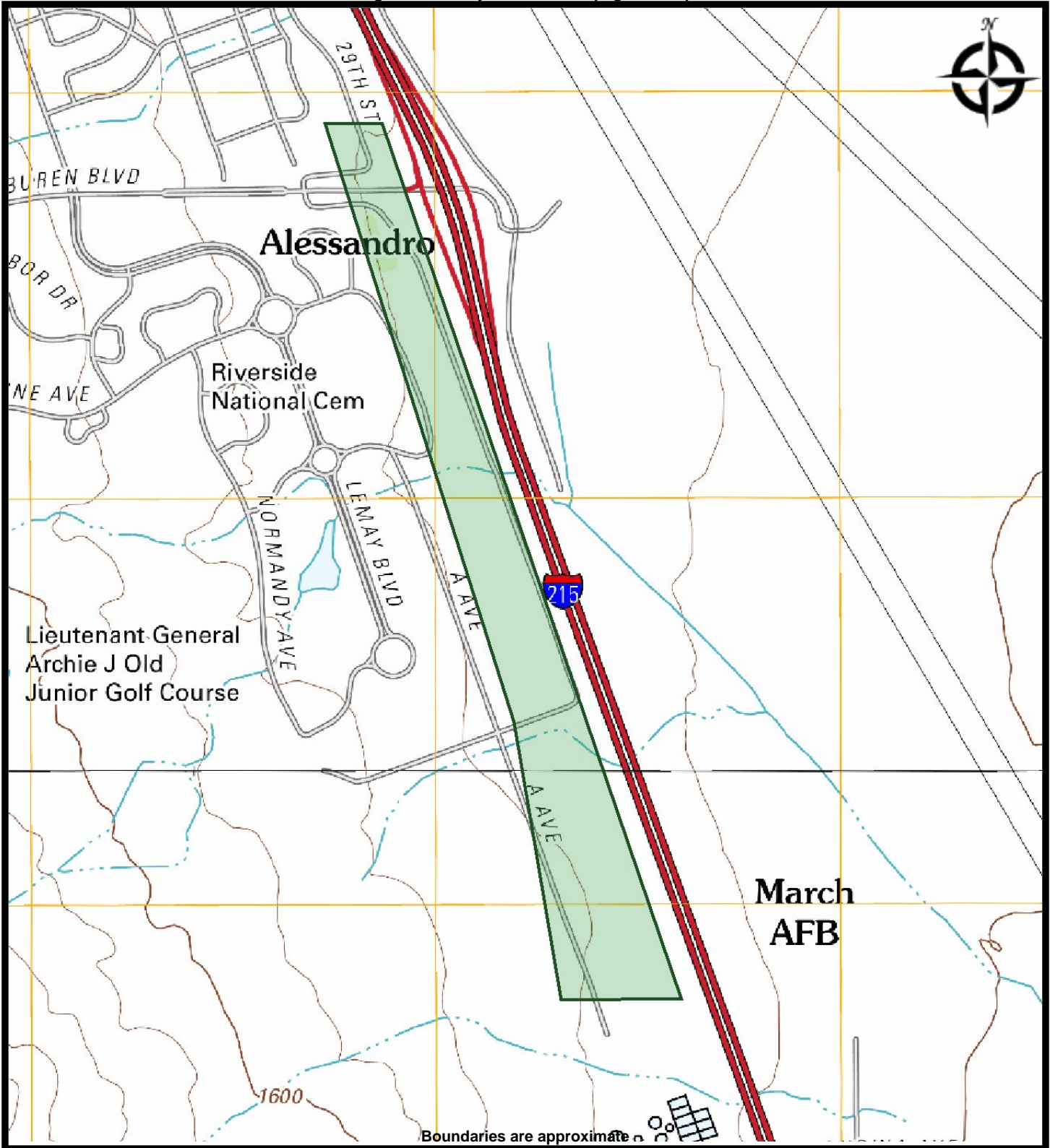
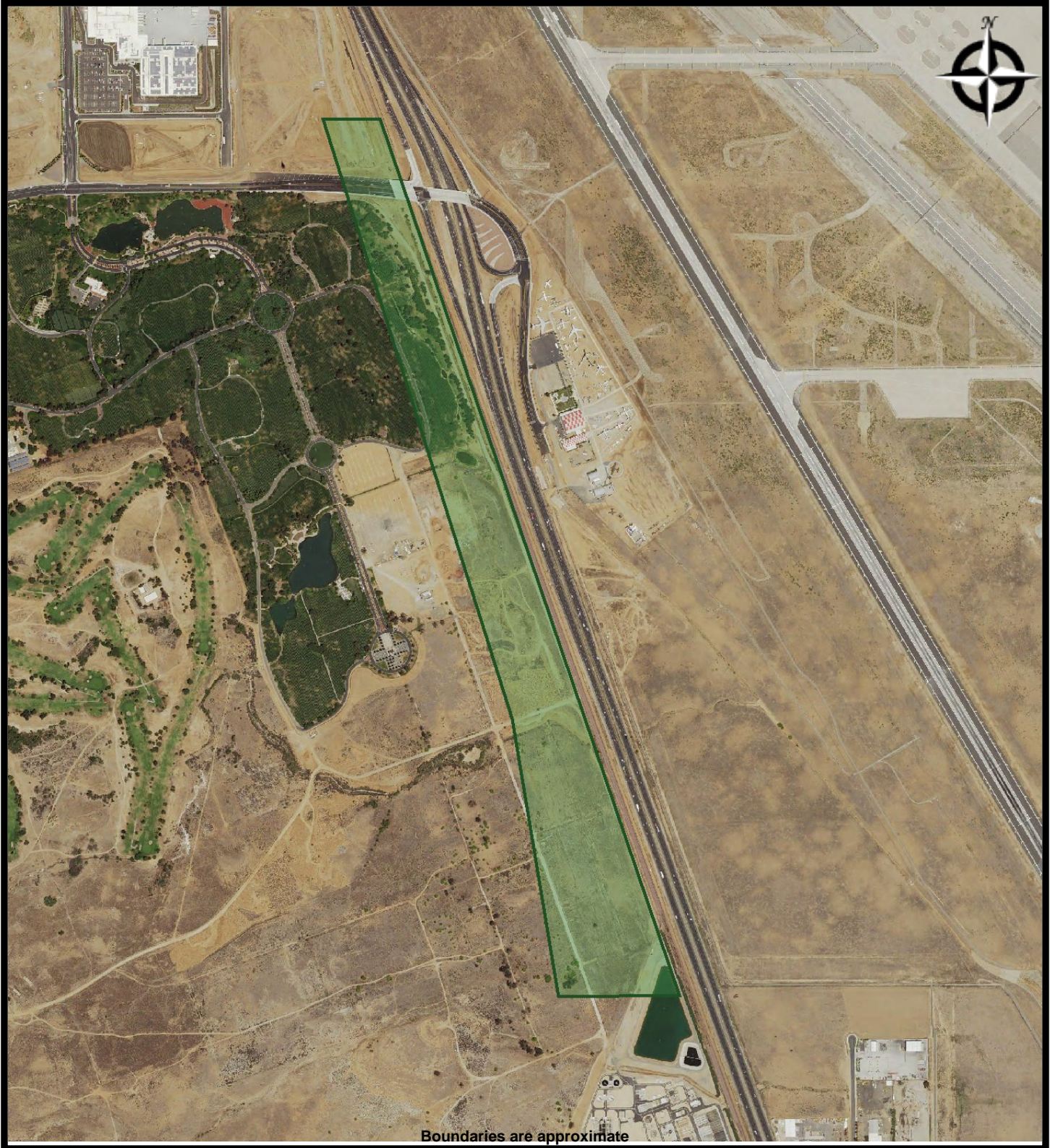


FIGURE 2: TOPOGRAPHIC MAP

Van Buren Boulevard
Riverside County, CA



Boundaries are approximate

Kimley»»Horn

FIGURE 3: AERIAL MAP

**Van Buren Boulevard
Riverside County, CA**



Appendix A

Site Photographs

**Meridian Trunk Sewer
Photograph Sheet**

Photo No. 1



Remarks: View of proposed sewer lateral location looking west along the border between the existing Riverside National Cemetery and the expansion area currently under construction.
Location:
Elevation:

Photo No. 2



Remarks: View of BNSF railway to the east of the proposed sewer alignment from the mid-point on Avenue A.
Location:
Elevation:

**Meridian Trunk Sewer
Photograph Sheet**

Photo No. 3



Remarks: View of proposed sewer alignment looking south from the southern terminus of Avenue A.

Location:

Elevation:

Photo No. 4



Remarks: View of proposed sewer alignment looking north from the southern terminus of Avenue A.

Location:

Elevation:

**Meridian Trunk Sewer
Photograph Sheet**

Photo No. 5



Remarks: View of proposed sewer alignment looking south from the mid-point on Avenue A.

Location:

Elevation:

Photo No. 6



Remarks: View of powerlines and pole mounted transformers immediately to the east of the proposed sewer alignment from Avenue A.

Location:

Elevation:

**Meridian Trunk Sewer
Photograph Sheet**

Photo No. 7



Remarks: View of northernmost proposed sewer lateral location looking southeast from the northern end of Avenue A.

Location:

Elevation:

Photo No. 8



Remarks: View of proposed connection point (Riverside National Cemetery) of the northernmost proposed sewer lateral location looking north across Avenue A.

Location:

Elevation:

**Meridian Trunk Sewer
Photograph Sheet**

Photo No. 9



Remarks: Photo 6668 - View of proposed sewer lateral location looking west along the border between the existing Riverside National Cemetery and the expansion area currently under construction.

Location:

Elevation:

Photo No. 10



Remarks: Approximately 15 to 20 stockpiles approximately 10 cubic yards each located in the proposed location of the center sewer lateral. These stockpiles consist of vegetation debris, mulch and soil.

Location:

Elevation:

**Meridian Trunk Sewer
Photograph Sheet**

Photo No. 11



Remarks: View of connection point of the proposed alignment with the existing WWTF at the southern end of the subject Site.

Location:

Elevation:

Photo No. 12



Remarks: View of proposed sewer alignment looking east from the southern end of the subject Site. Fence to the south is the boundary of the existing WWTF.

Location:

Elevation:

**Meridian Trunk Sewer
Photograph Sheet**

Photo No. 13



Remarks: View of proposed sewer alignment looking north from the southern end of the subject Site immediately adjacent to the BNSF railway to the east.

Location:

Elevation:

Photo No. 14



Remarks: View of proposed sewer alignment looking south from the northern portion of the subject Site towards Van Buren Blvd.

Location:

Elevation:

**Meridian Trunk Sewer
Photograph Sheet**

Photo No. 15



Remarks: View of proposed sewer alignment looking north from the northern portion of the subject Site towards the Meridian Business Park.

Location:

Elevation:

Photo No. 16

Remarks:

Location:

Elevation:



Appendix B

User Questionnaire

USER QUESTIONNAIRE

PART A

Site Name:	Meridian Trunk Sewer Project
Client Name:	March Joint Powers Authority
Client Contact and Phone Number:	Lauren Sotelo; (951) 656-7000
Signature of Client:	
Date:	August 14, 2018

I. User Questions for Application of Landowner Liability Protections (LLPs) as defined in E 1527- 13 Appendix X3

The following are a series of questions from ASTM 1527-13 that must be answered in order to qualify for LLPs under CERCLA. Please provide an answer to each question or attach pertinent information and identify a number for each attachment.

(1.) Environmental liens that are filed or recorded against the property (40 CFR 312.25).

Did a search of recorded land title records (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?

NOTE 1-In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

No Yes (Describe or attach information) Attachment No. _____

Unknown. _____

(2.) Activity and use limitations that are in place on the property (40 CFR 312.26(a) (1) (v) and VI).

Did a search of recorded land title records (or judicial records where appropriate, see Note 1 above) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?

No Yes (Describe or attach information) Attachment No. _____

The property is located within Airport Compatibility Use Zone B2 of the 2014 March Air Reserve Base/March Inland Port Airport Land Use Compatibility Plan. Certain land use restrictions are applicable to projects within this Zone. The 2014 March Air Reserve Base/March Inland Port ALUCP can be found at the following website: <http://www.rcaluc.org/Portals/0/17%20-%20Vol.%201%20March%20Air%20Reserve%20Base%20Final.pdf?ver=2016-08-15-145812-700>

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28).

Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

No Yes (Describe or attach information) Attachment No. _____

No, however, the adjoining property to the west is the Riverside National Cemetery and to the east is the BNSF rail line.

(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

No Yes (Describe or attach information) Attachment No. 1

Not Applicable. The Veteran's Administration currently owns the property, and has conveyed a 40-foot wide easement to the March Joint Powers Authority for the sanitary and storm sewer line work. A copy of the Deed of Easement has been provided as Attachment 1 to this questionnaire.

If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

No Yes (Describe or attach information) Attachment No. _____

Not Applicable.

(5.) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,

(a) Do you know the past uses of the property?
 No Yes (Describe or attach information) Attachment No. _____

(b) Do you know of specific chemicals that are present or once were present at the property?
 No Yes (Describe or attach information) Attachment No. _____

(c.) Do you know of spills or other chemical releases that have taken place at the property?
 No Yes (Describe or attach information) Attachment No. _____

(d.) Do you know of any environmental cleanups that have taken place at the property?

No Yes (Describe or attach information) Attachment No.

(6.) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?

No Yes (Describe or attach information) Attachment No. _____



Appendix C

EDR Historical Topographic Map Report

Van Buren Boulevard
Van Buren Boulevard
March Air Reserve Ba, CA 92518

Inquiry Number: 5377569.4

July 31, 2018

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

07/31/18

Site Name:

Van Buren Boulevard
Van Buren Boulevard
March Air Reserve Ba, CA 925
EDR Inquiry # 5377569.4

Client Name:

Kimley Horn & Associates, Inc.
401 B Street
San Diego, CA 92101
Contact: Karina Fidler



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

Search Results:**Coordinates:**

P.O.#	095404009	Latitude:	33.873376 33° 52' 24" North
Project:	Meridian Trunk Sewer	Longitude:	-117.266217 -117° 15' 58" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	475378.99
		UTM Y Meters:	3748148.18
		Elevation:	1536.00' above sea level

Maps Provided:

2012 1901
1979, 1980
1978
1973
1967
1953
1947
1942

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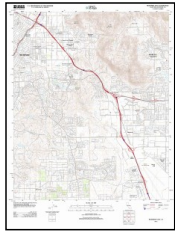
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Topo Sheet Key

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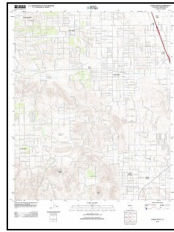
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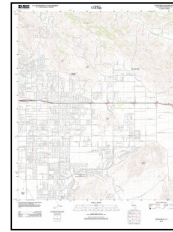
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7.5-minute, 24000



Perris
2012
7.5-minute, 24000

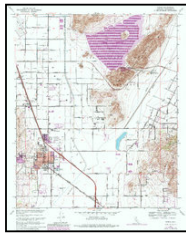


Steele Peak
2012
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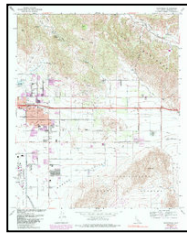


Sunnymead
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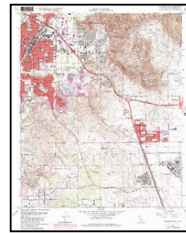
1979, 1980 Source Sheets



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Aerial Photo Revised 1978

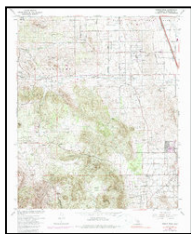


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Aerial Photo Revised 1978



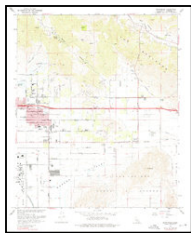
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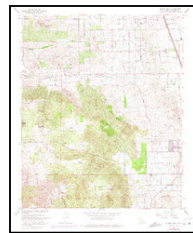


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7.5-minute, 24000
Aerial Photo Revised 1978

1973 Source Sheets



Sunnymead
1973
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Aerial Photo Revised 1973



Steele Peak
1973
7.5-minute, 24000
Aerial Photo Revised 1973

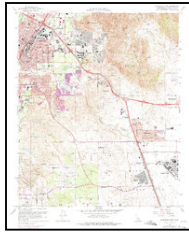


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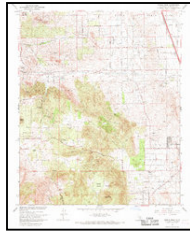
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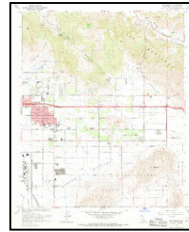
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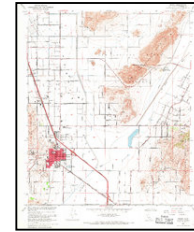
Riverside East
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7.5-minute, 24000
Aerial Photo Revised 1966



Steele Peak
1967
7.5-minute, 24000
Aerial Photo Revised 1966



Sunnymead
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Aerial Photo Revised 1966

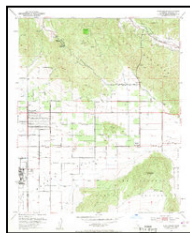


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Aerial Photo Revised 1966

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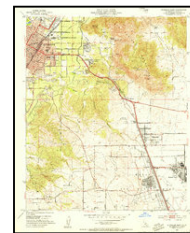
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Aerial Photo Revised 1951



Sunnymead
1953
7.5-minute, 24000
Aerial Photo Revised 1951



Steele Peak
1953
7.5-minute, 24000
Aerial Photo Revised 1951



Riverside East
1953
7.5-minute, 24000
Aerial Photo Revised 1951

1947 Source Sheets

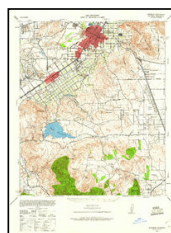


RIVERSIDE
1947
15-minute, 50000

1942 Source Sheets



Perris
1942
15-minute, 62500
Aerial Photo Revised 1939



Riverside
1942
15-minute, 62500
Aerial Photo Revised 1939

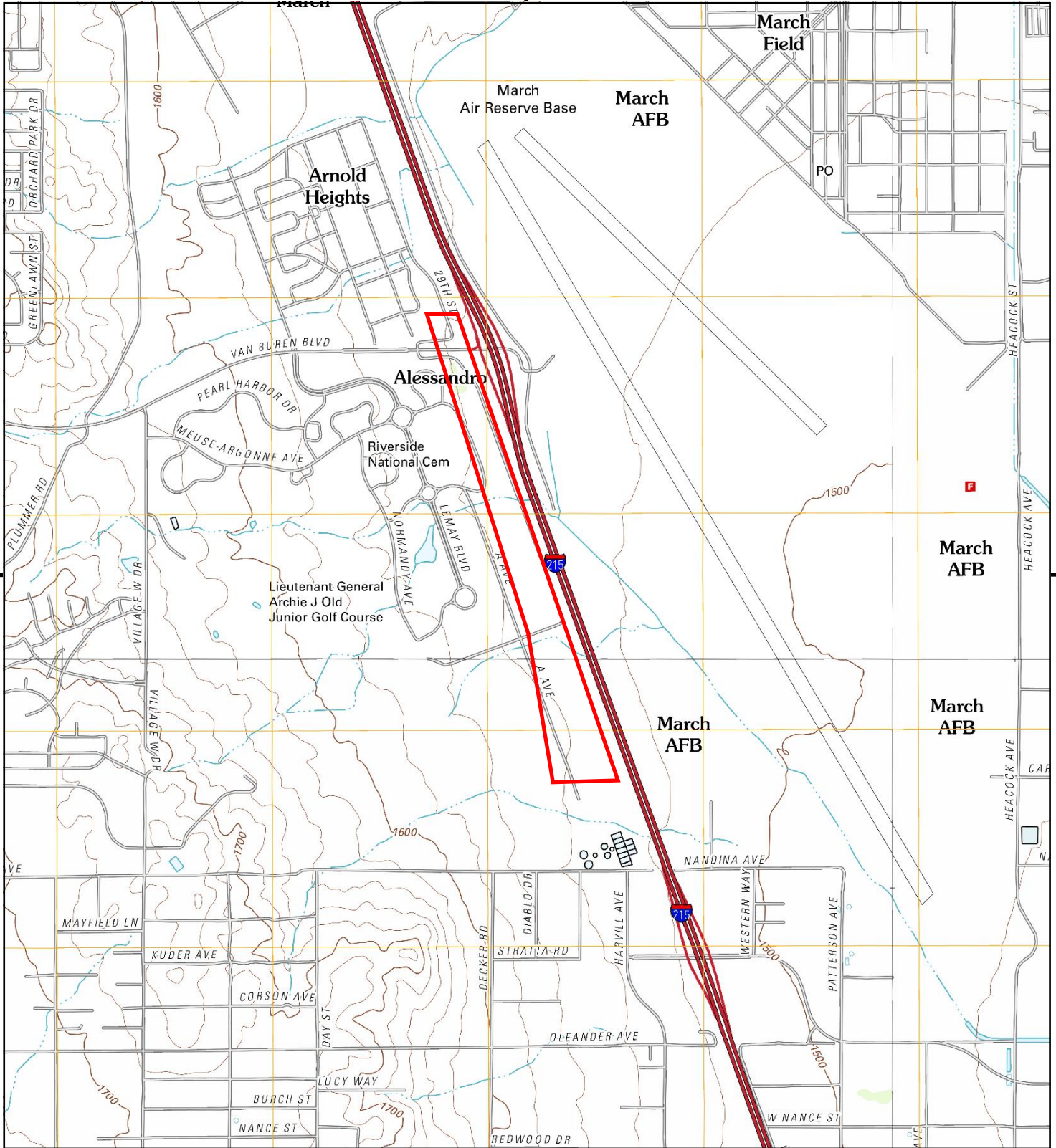
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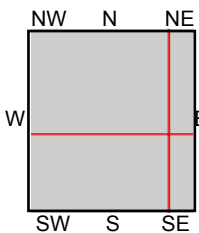
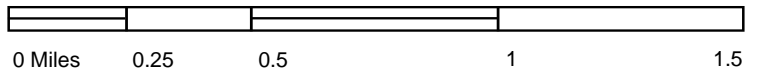
1901 Source Sheets



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1901
15-minute, 62500



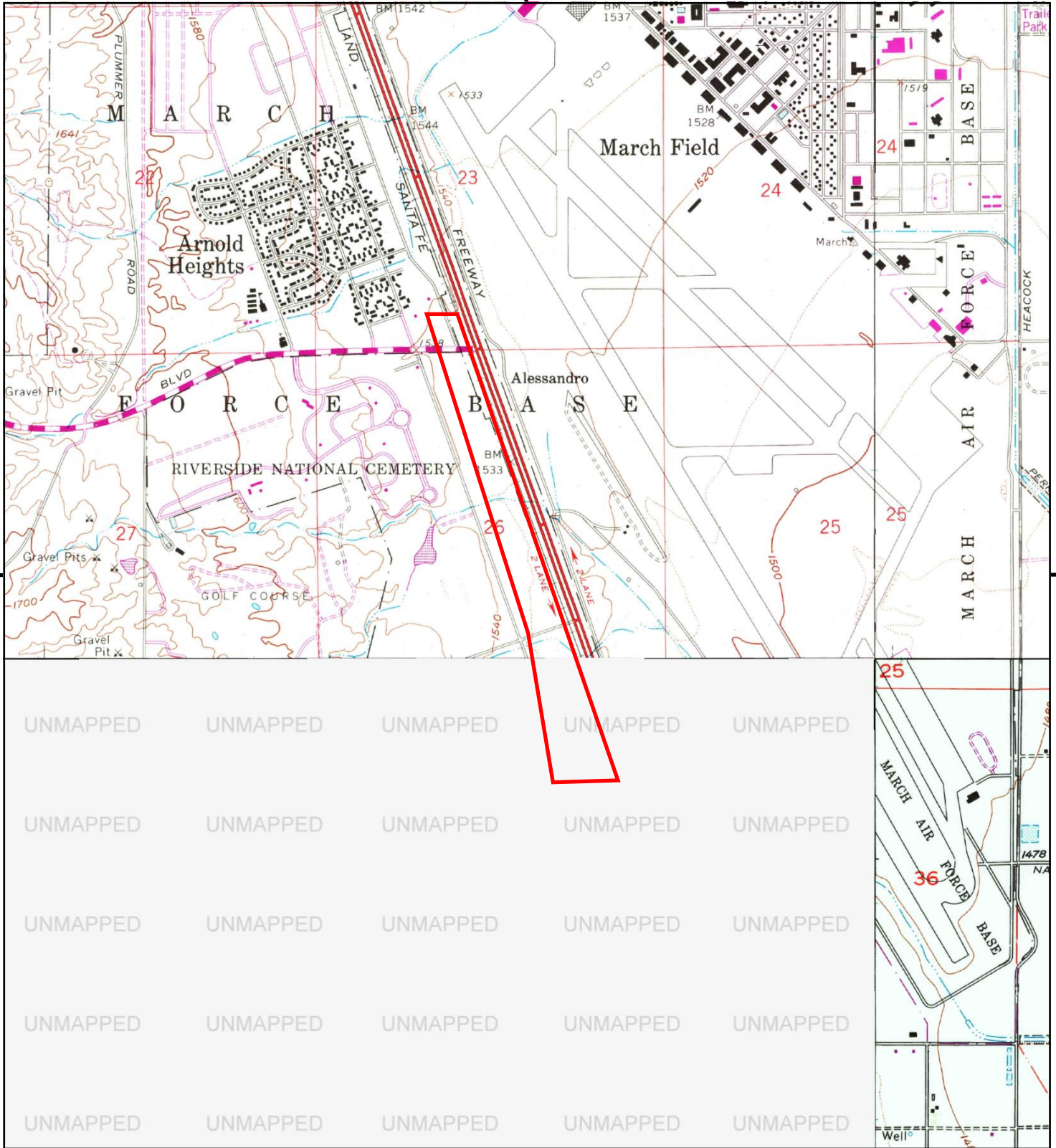
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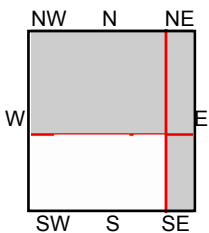
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ADDRESS: Van Buren Boulevard
 March Air Reserve Ba, CA 92518
CLIENT: Kimley Horn & Associates, Inc.





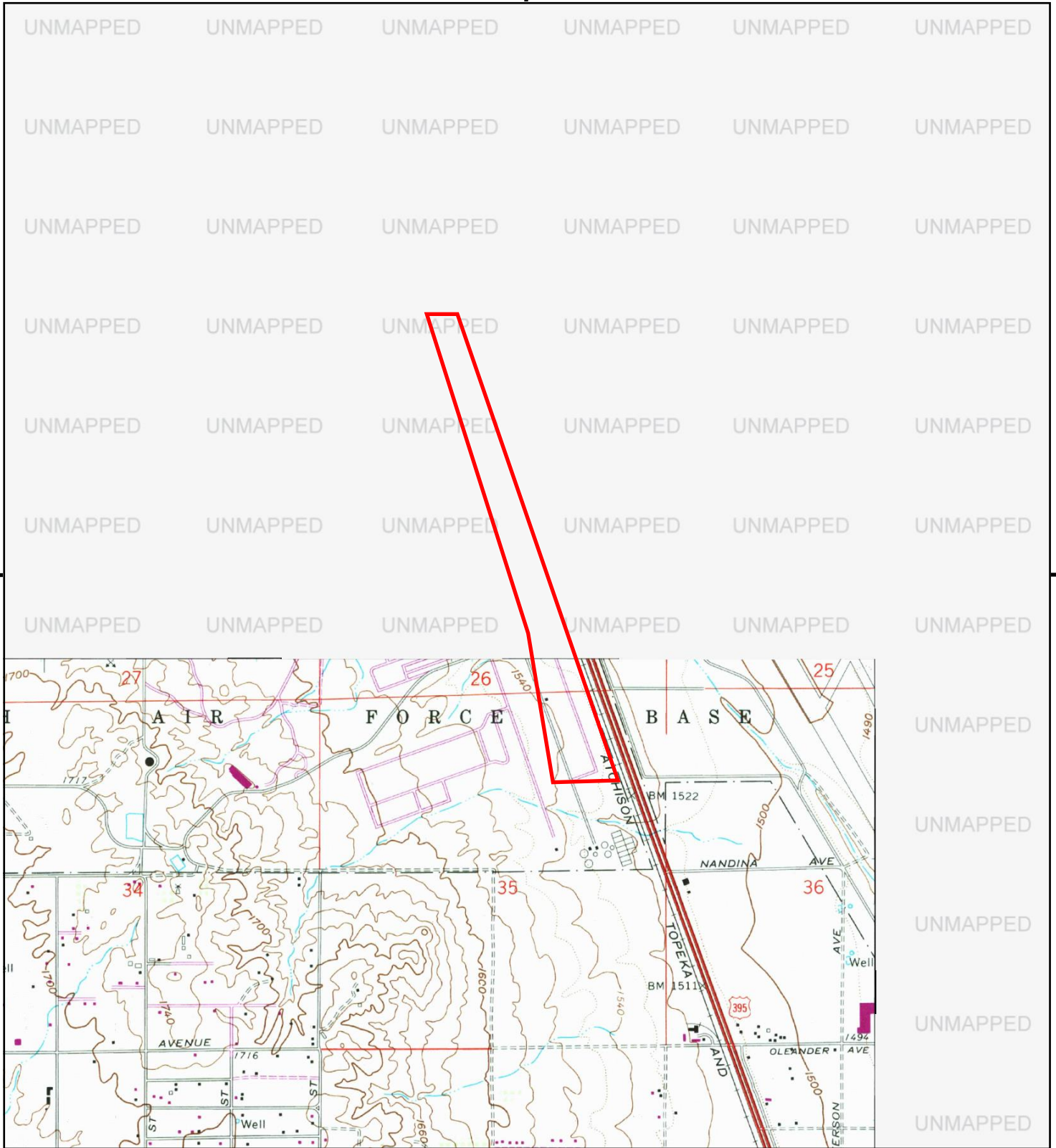
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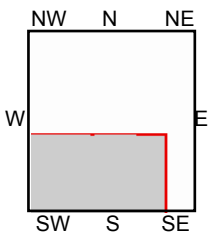
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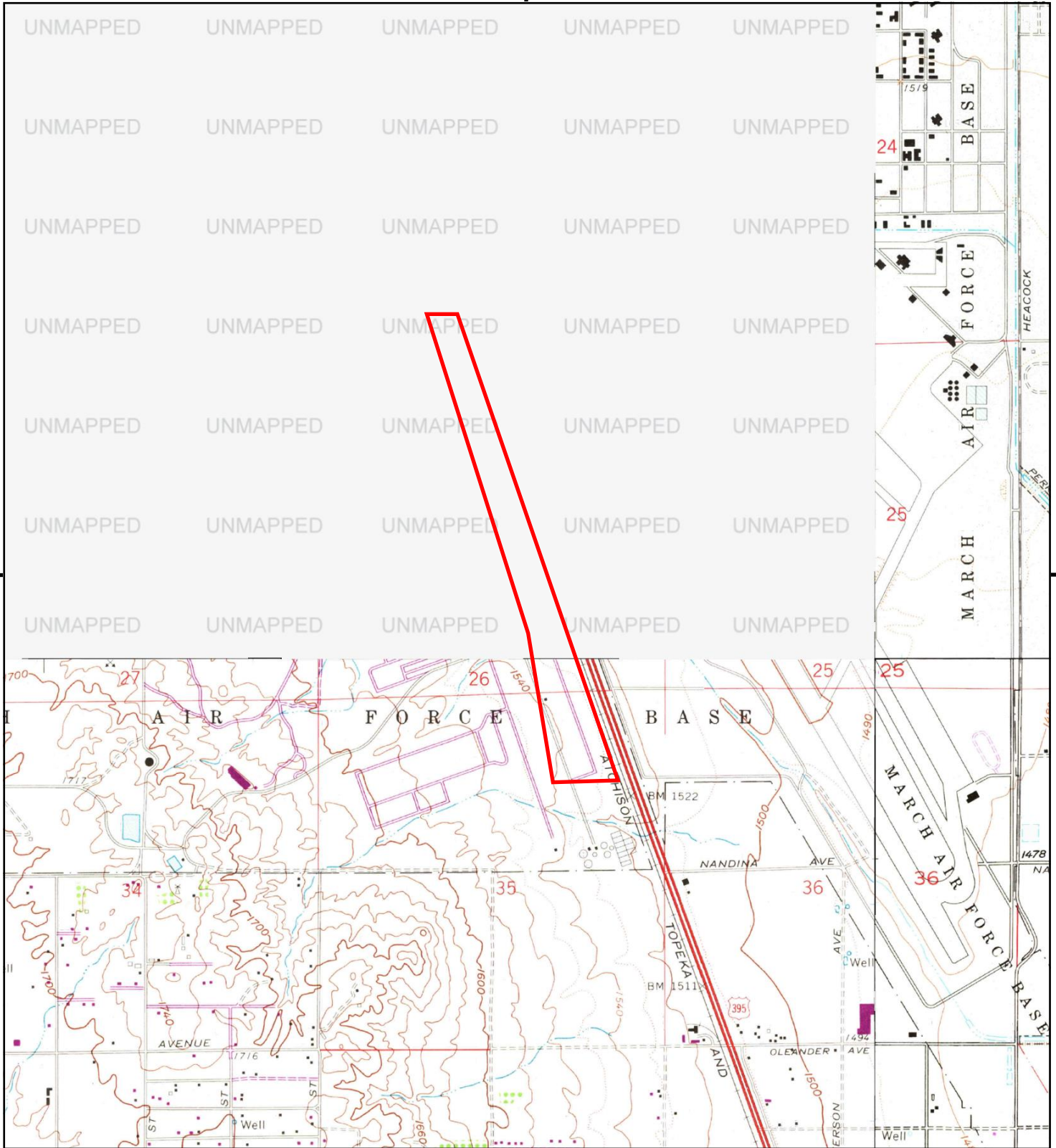
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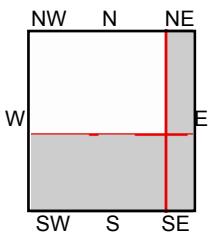
SW, Steele Peak, 1978, 7.5-minute

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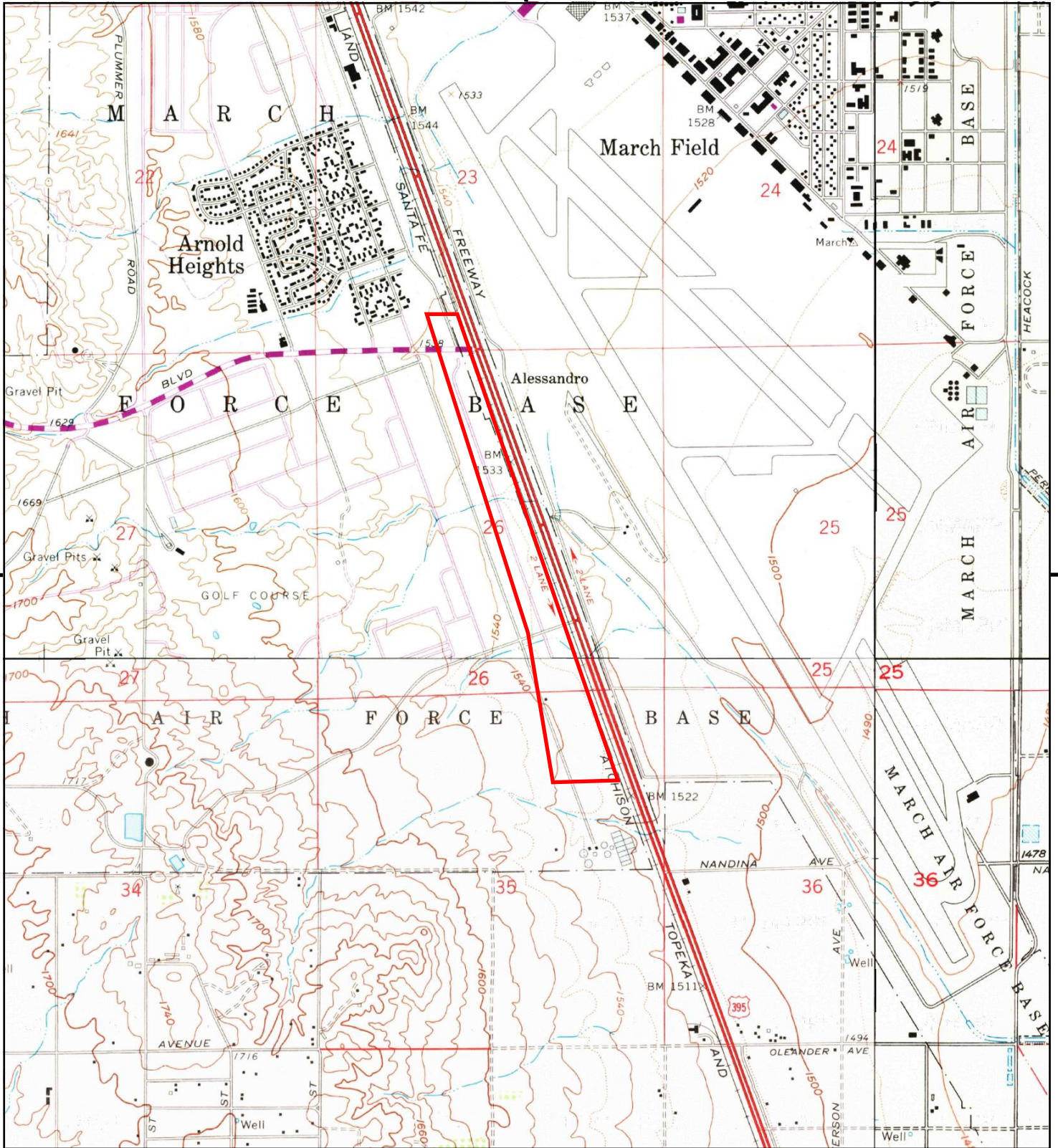
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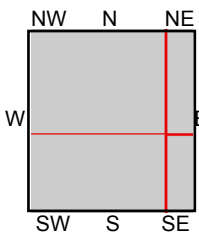
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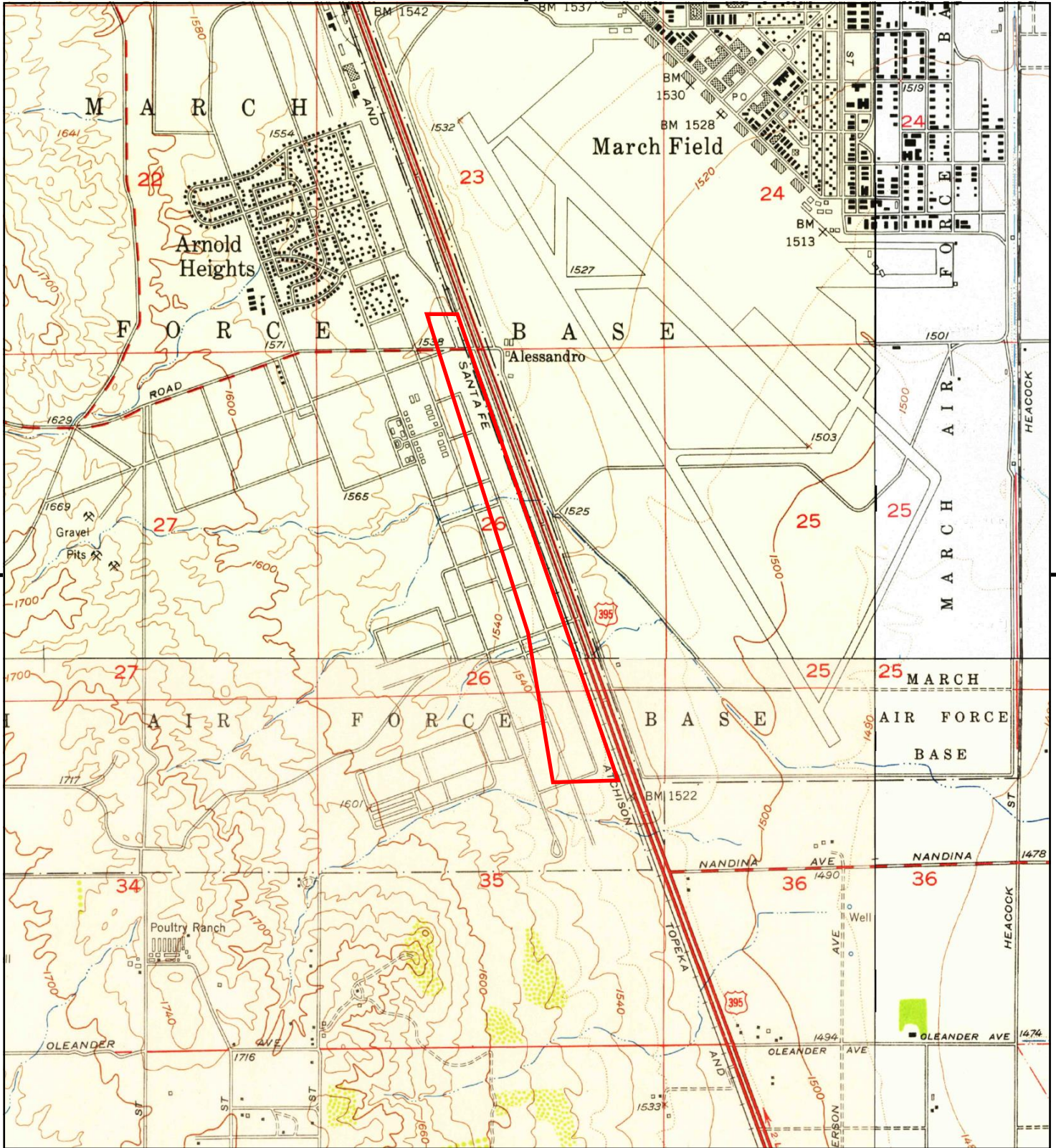
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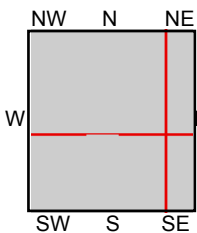
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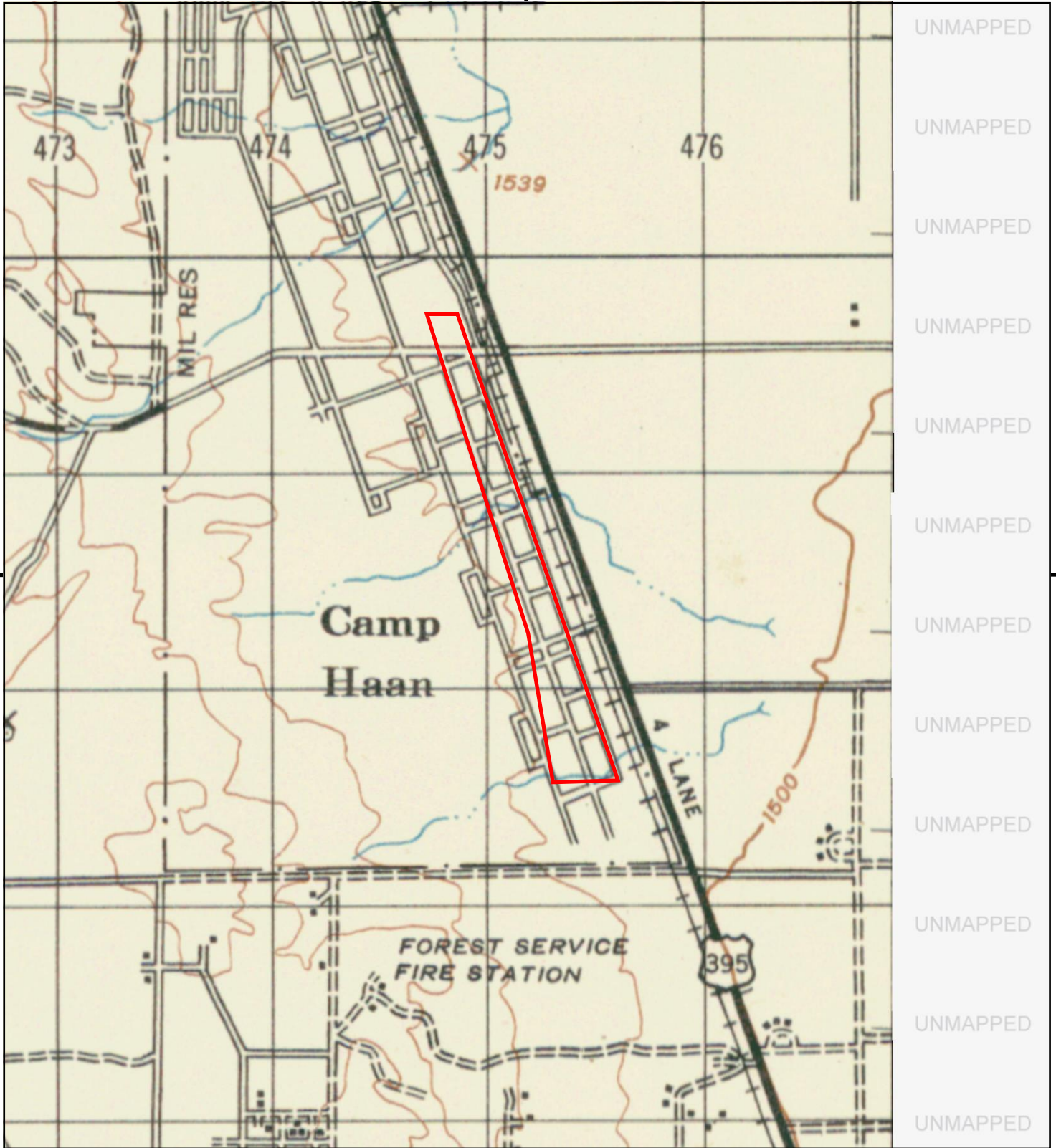
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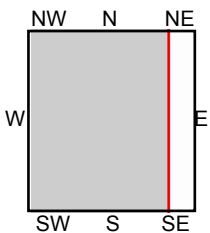
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CLIENT: Kimley Horn & Associates, Inc.





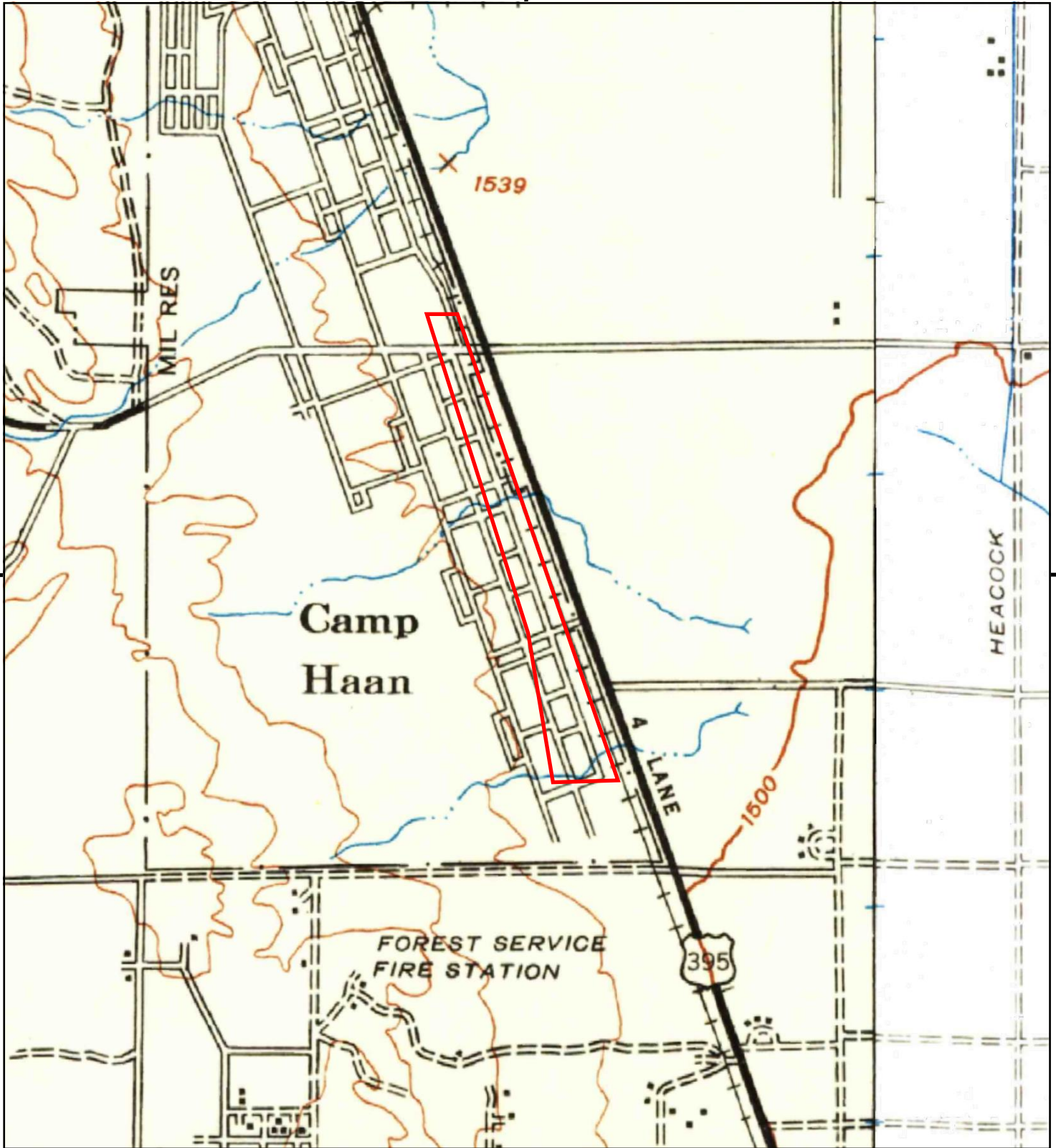
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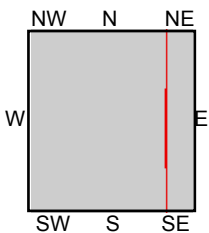
TP, RIVERSIDE, 1947, 15-minute

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 CLIENT: Kimley Horn & Associates, Inc.





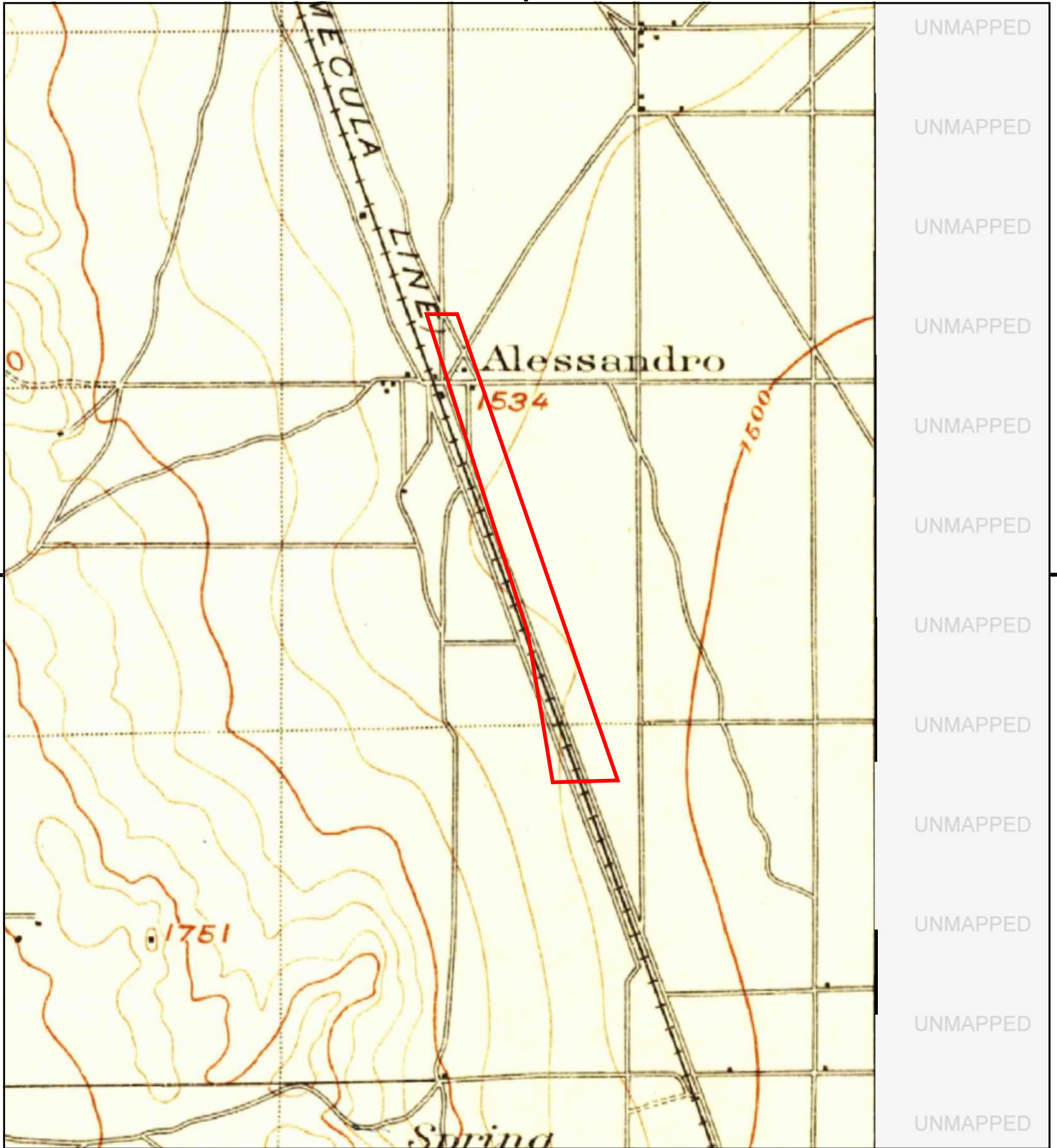
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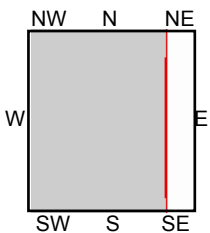
TP, Riverside, 1942, 15-minute
E, Perris, 1942, 15-minute

SITE NAME: Van Buren Boulevard
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 March Air Reserve Ba, CA 92518
 CLIENT: Kimley Horn & Associates, Inc.





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



TP, Riverside, 1901, 15-minute

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 March Air Reserve Ba, CA 92518
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Appendix D

USDA-NRCS Soil Survey



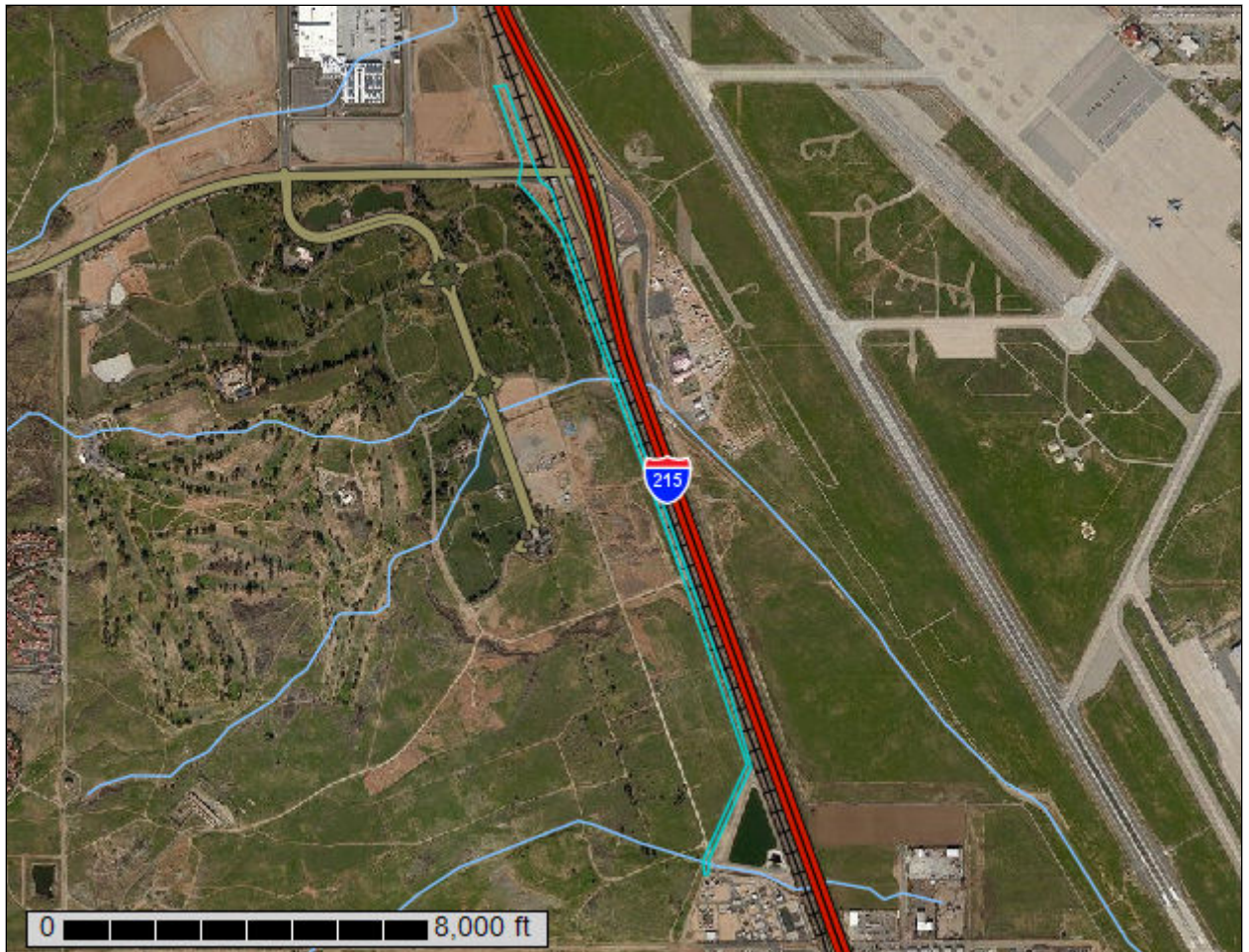
United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for Western Riverside Area, California



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

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scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

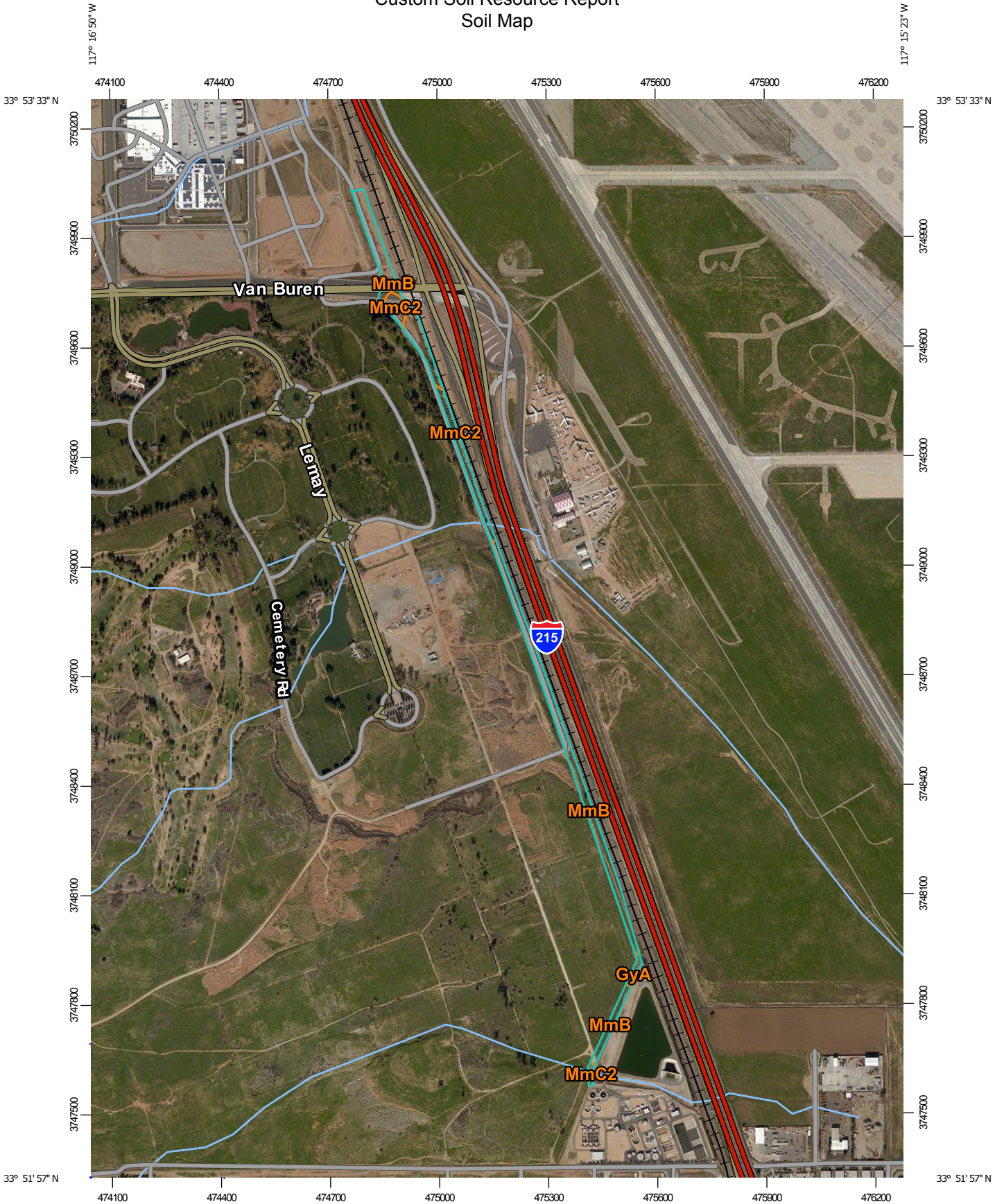
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identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map




Map Scale: 1:14,400 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 11N WGS84

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)




















Soils







 Soil Map Unit Polygons

 Soil Map Unit Lines


 Soil Map Unit Points

Special Point Features






-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features

Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:15,800.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Western Riverside Area, California
 Survey Area Data: Version 10, Sep 12, 2017

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 14, 2015—Jan 21, 2015

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
GyA	Greenfield sandy loam, 0 to 2 percent slopes	0.4	2.5%
MmB	Monserate sandy loam, 0 to 5 percent slopes	10.9	76.7%
MmC2	Monserate sandy loam, 5 to 8 percent slopes, eroded	2.9	20.8%
Totals for Area of Interest		14.2	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or

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landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Western Riverside Area, California

GyA—Greenfield sandy loam, 0 to 2 percent slopes

Map Unit Setting

National map unit symbol: hcvv
Elevation: 100 to 3,500 feet
Mean annual precipitation: 9 to 20 inches
Mean annual air temperature: 63 degrees F
Frost-free period: 200 to 300 days
Farmland classification: Prime farmland if irrigated

Map Unit Composition

Greenfield and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Greenfield

Setting

Landform: Alluvial fans, terraces
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from granite

Typical profile

H1 - 0 to 26 inches: sandy loam
H2 - 26 to 43 inches: fine sandy loam
H3 - 43 to 60 inches: loam
H4 - 60 to 72 inches: stratified loamy sand to sandy loam

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Well drained
Runoff class: Very low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.57 to 1.98 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Rare
Frequency of ponding: None
Salinity, maximum in profile: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water storage in profile: Moderate (about 8.3 inches)

Interpretive groups

Land capability classification (irrigated): 1
Land capability classification (nonirrigated): 3c
Hydrologic Soil Group: A
Ecological site: LOAMY (1975) (R019XD029CA)
Hydric soil rating: No

Minor Components

Hanford

Percent of map unit: 10 percent
Hydric soil rating: No

Pachappa

Percent of map unit: 2 percent
Hydric soil rating: No

Arlington

Percent of map unit: 2 percent
Hydric soil rating: No

Unnamed

Percent of map unit: 1 percent
Hydric soil rating: No

MmB—Monserate sandy loam, 0 to 5 percent slopes

Map Unit Setting

National map unit symbol: hcx4
Elevation: 700 to 2,500 feet
Mean annual precipitation: 10 to 18 inches
Mean annual air temperature: 63 to 64 degrees F
Frost-free period: 220 to 280 days
Farmland classification: Farmland of statewide importance

Map Unit Composition

Monserate and similar soils: 85 percent
Minor components: 15 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Monserate

Setting

Landform: Alluvial fans
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from granite

Typical profile

H1 - 0 to 10 inches: sandy loam
H2 - 10 to 28 inches: sandy clay loam
H3 - 28 to 45 inches: indurated
H4 - 45 to 57 inches: cemented
H5 - 57 to 70 inches: loamy coarse sand, coarse sandy loam
H5 - 57 to 70 inches:

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Properties and qualities

Slope: 0 to 5 percent

Depth to restrictive feature: 20 to 39 inches to duripan

Natural drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Available water storage in profile: Low (about 4.1 inches)

Interpretive groups

Land capability classification (irrigated): 3e

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: C

Ecological site: LOAMY (1975) (R019XD029CA)

Hydric soil rating: No

Minor Components

Tujunga

Percent of map unit: 5 percent

Hydric soil rating: No

Hanford

Percent of map unit: 5 percent

Hydric soil rating: No

Greenfield

Percent of map unit: 5 percent

Hydric soil rating: No

MmC2—Monserate sandy loam, 5 to 8 percent slopes, eroded

Map Unit Setting

National map unit symbol: hcx5

Elevation: 700 to 2,500 feet

Mean annual precipitation: 10 to 18 inches

Mean annual air temperature: 63 to 64 degrees F

Frost-free period: 220 to 280 days

Farmland classification: Farmland of statewide importance

Map Unit Composition

Monserate and similar soils: 85 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Monserate

Setting

Landform: Alluvial fans
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Alluvium derived from granite

Typical profile

H1 - 0 to 10 inches: sandy loam
H2 - 10 to 28 inches: sandy clay loam
H3 - 28 to 45 inches: indurated
H4 - 45 to 57 inches: cemented
H5 - 57 to 70 inches: loamy coarse sand, coarse sandy loam
H5 - 57 to 70 inches:

Properties and qualities

Slope: 5 to 8 percent
Depth to restrictive feature: 20 to 39 inches to duripan
Natural drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Very low (0.00 to 0.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Low (about 4.1 inches)

Interpretive groups

Land capability classification (irrigated): 3e
Land capability classification (nonirrigated): 4e
Hydrologic Soil Group: C
Ecological site: LOAMY (1975) (R019XD029CA)
Hydric soil rating: No

Minor Components

Tujunga

Percent of map unit: 3 percent
Hydric soil rating: No

Hanford

Percent of map unit: 3 percent
Hydric soil rating: No

Greenfield

Percent of map unit: 3 percent
Hydric soil rating: No

Ramona

Percent of map unit: 3 percent
Hydric soil rating: No

Unnamed

Percent of map unit: 3 percent
Hydric soil rating: No

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Appendix E

Historical Aerial Photographs



Van Buren Boulevard

Van Buren Boulevard

March Air Reserve Ba, CA 92518

Inquiry Number: 5377569.8

August 02, 2018

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

08/02/18

Site Name:

Van Buren Boulevard
Van Buren Boulevard
March Air Reserve Ba, CA 925
EDR Inquiry # 5377569.8

Client Name:

Kimley Horn & Associates, Inc.
401 B Street
San Diego, CA 92101
Contact: Karina Fidler



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=1000'	Flight Year: 2016	USDA/NAIP
2012	1"=1000'	Flight Year: 2012	USDA/NAIP
2009	1"=1000'	Flight Year: 2009	USDA/NAIP
2006	1"=1000'	Flight Year: 2006	USDA/NAIP
1994	1"=1000'	Acquisition Date: June 01, 1994	USGS/DOQQ
1989	1"=1000'	Flight Date: August 15, 1989	USDA
1985	1"=1000'	Flight Date: July 28, 1985	USDA
1978	1"=1000'	Flight Date: September 20, 1978	USDA
1967	1"=1000'	Flight Date: May 15, 1967	USDA
1959	1"=1000'	Flight Date: October 15, 1959	USGS
1953	1"=1000'	Flight Date: September 22, 1953	USDA
1949	1"=1000'	Flight Date: May 06, 1949	USDA
1938	1"=1000'	Flight Date: June 14, 1938	USDA

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INQUIRY #: 5377569.8

YEAR: 2016

— = 1000'





INQUIRY #: 5377569.8

YEAR: 2012

— = 1000'





INQUIRY #: 5377569.8

YEAR: 2009

— = 1000'



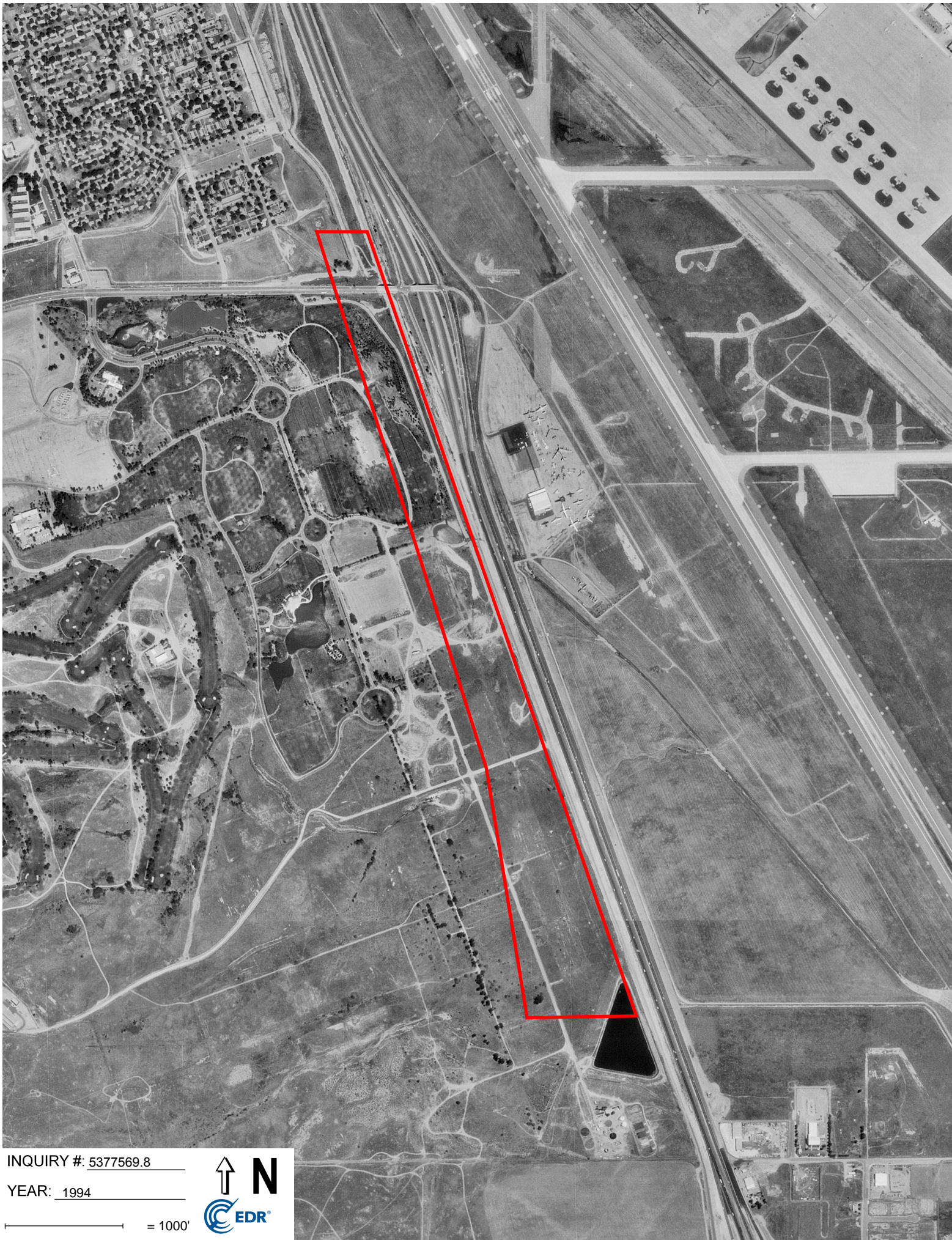


INQUIRY #: 5377569.8

YEAR: 2006

— = 1000'





INQUIRY #: 5377569.8

YEAR: 1994

— = 1000'





INQUIRY #: 5377569.8

YEAR: 1989

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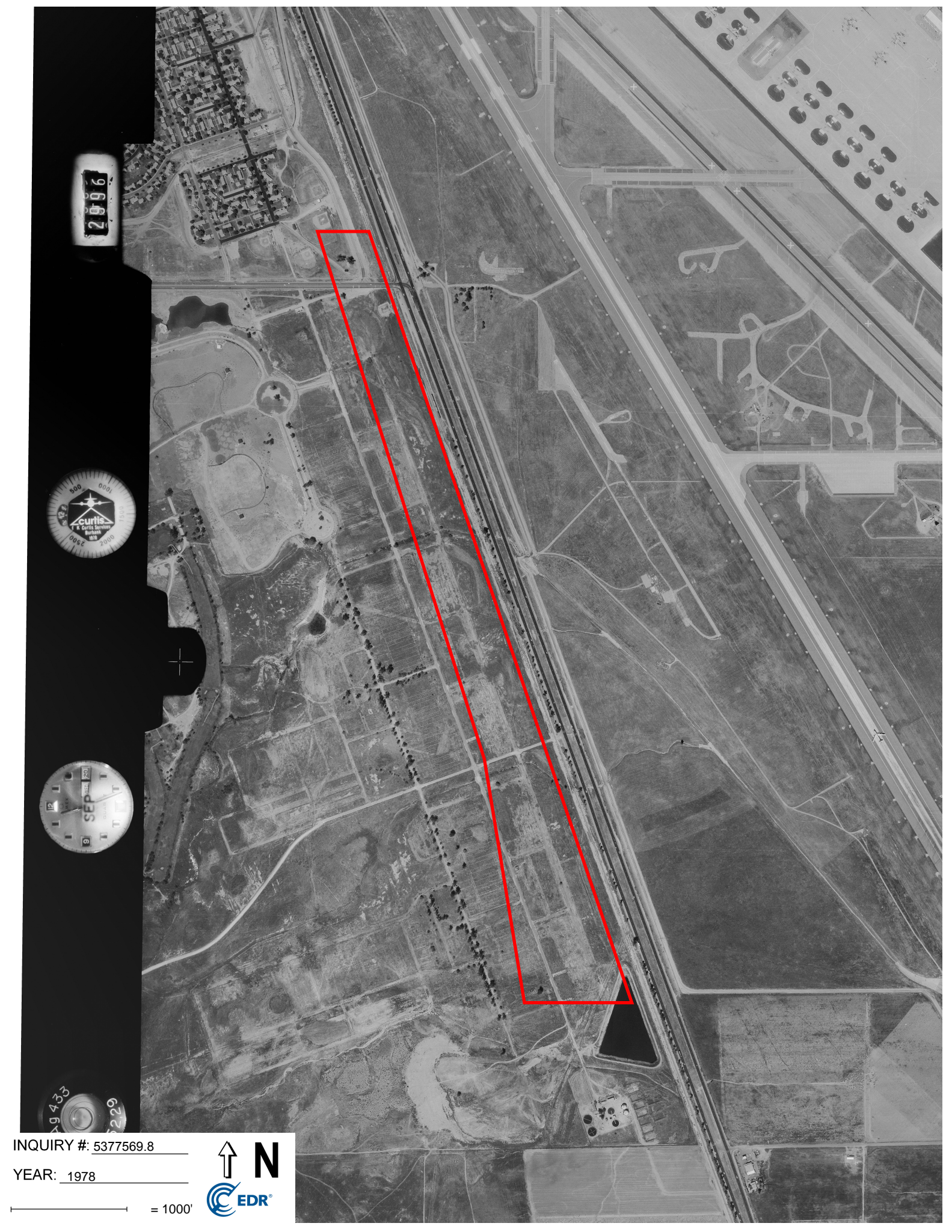


INQUIRY #: 5377569.8

YEAR: 1985

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20996



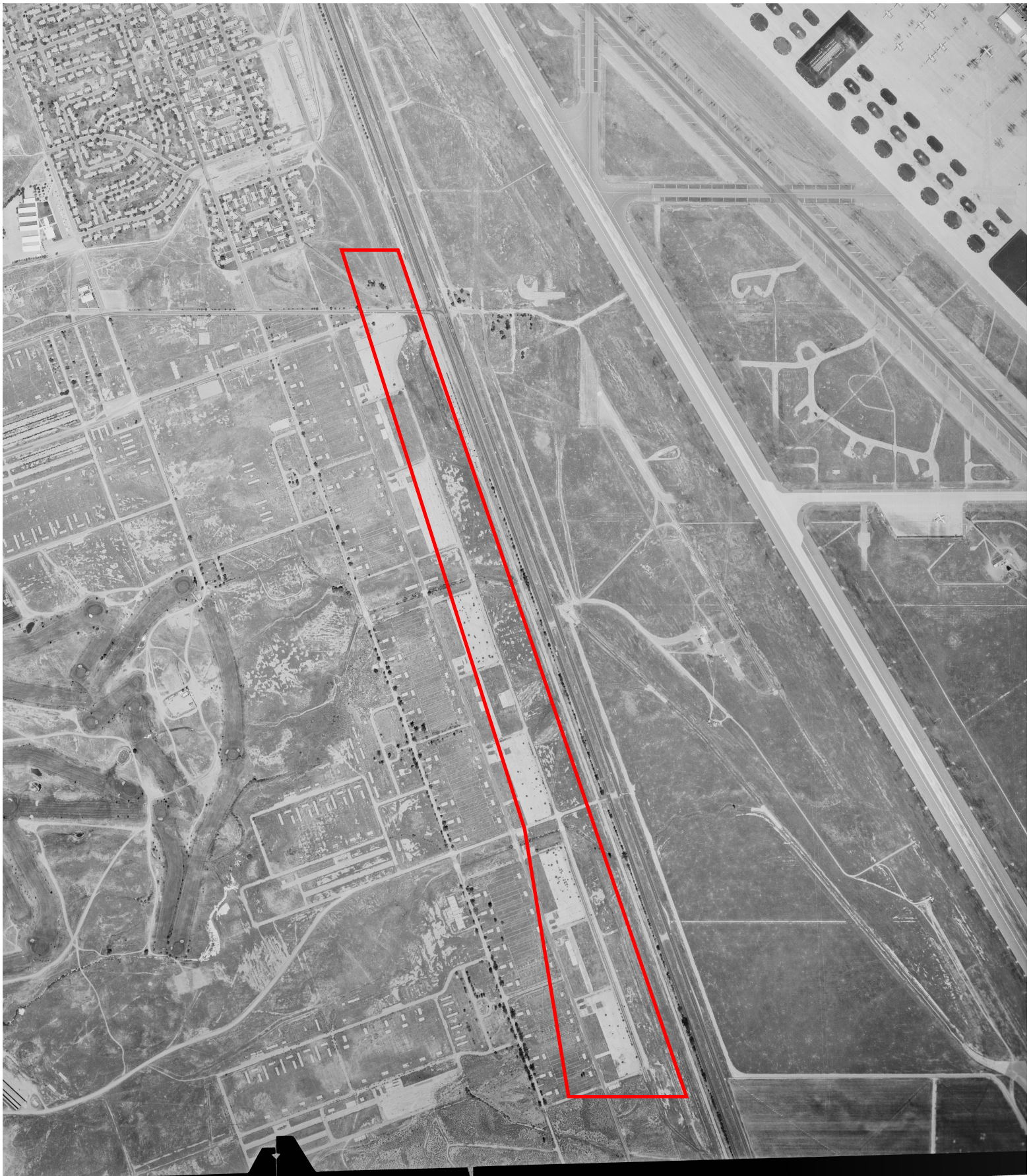
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229

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YEAR: 1978

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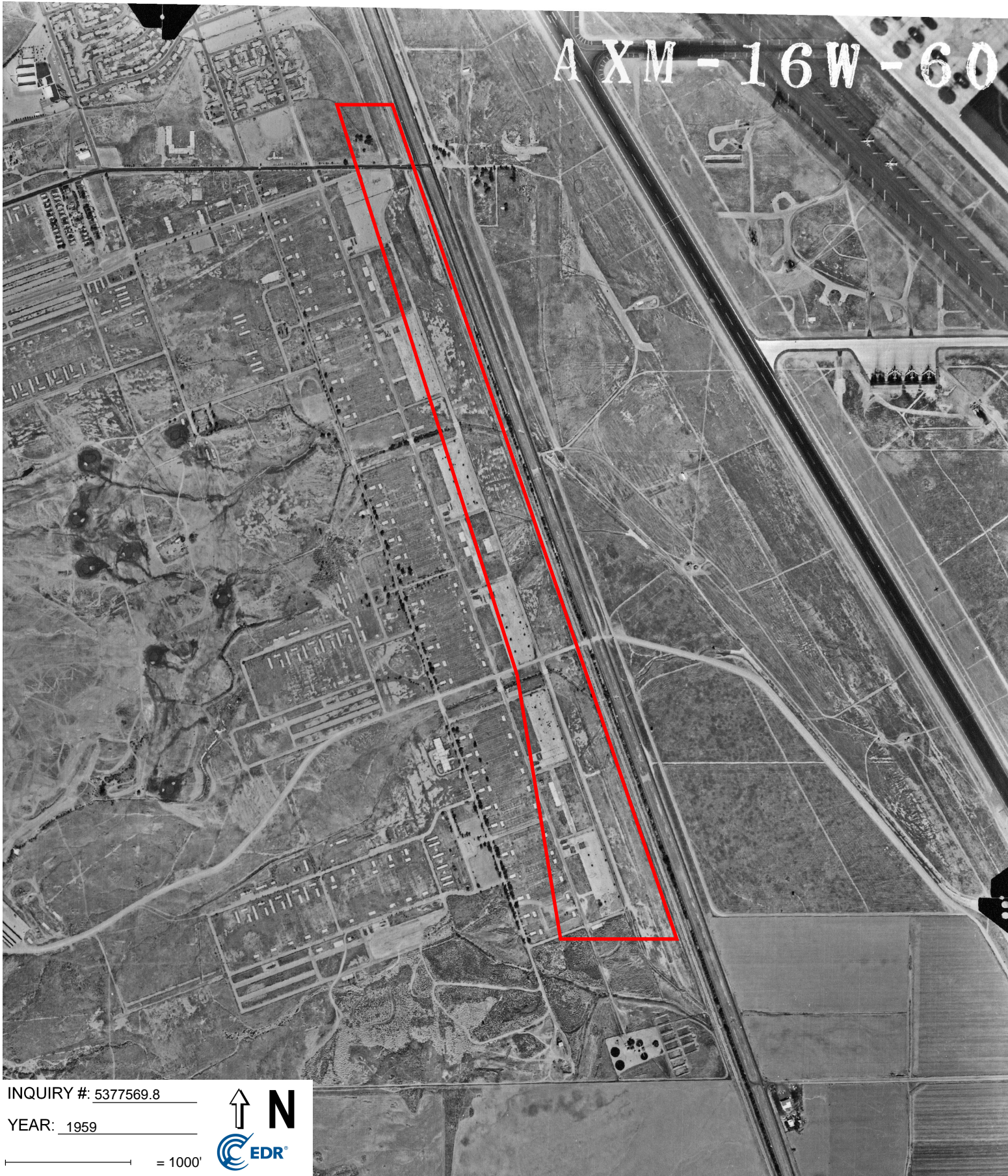
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AXM-16W-60

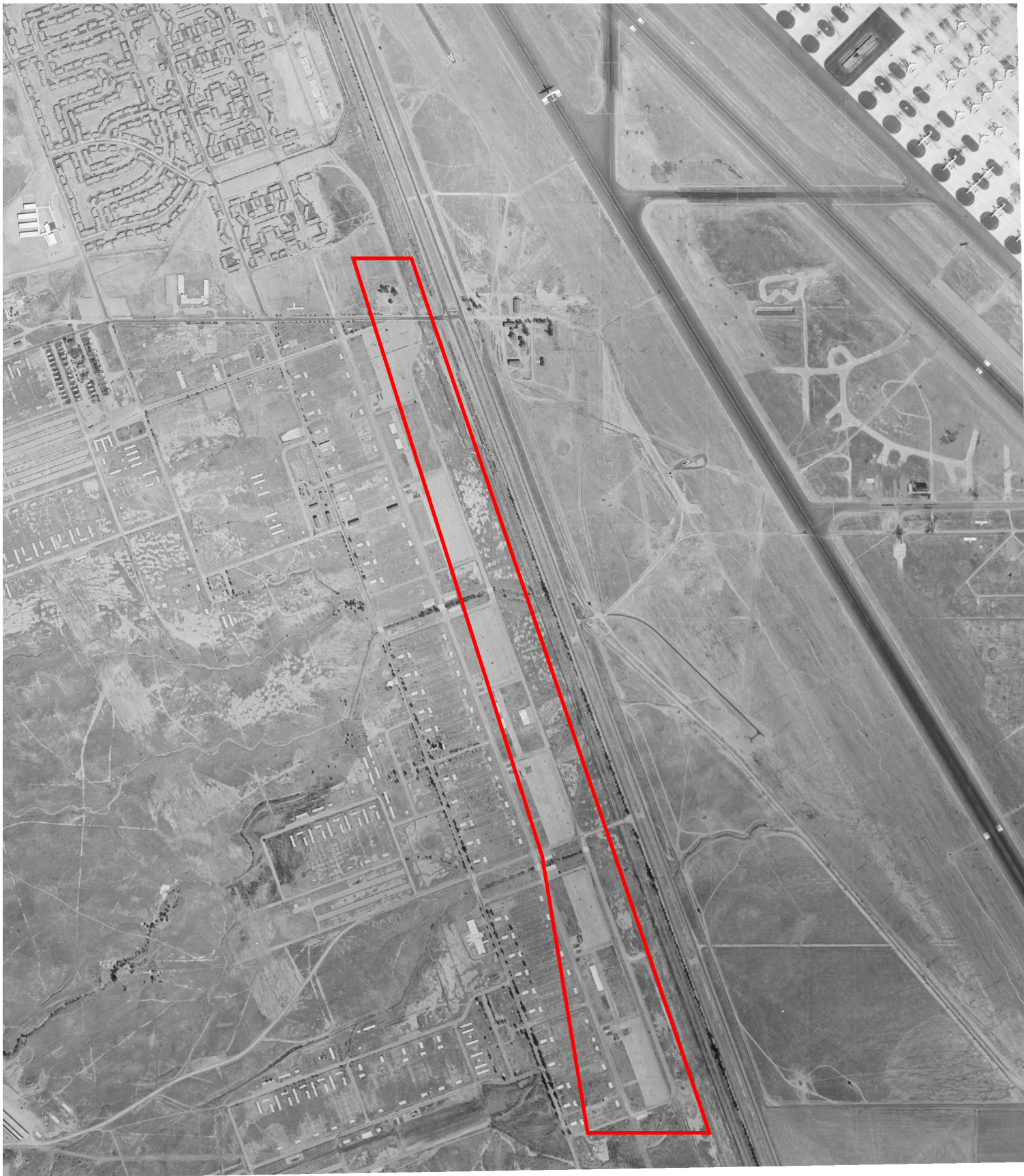


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YEAR: 1959

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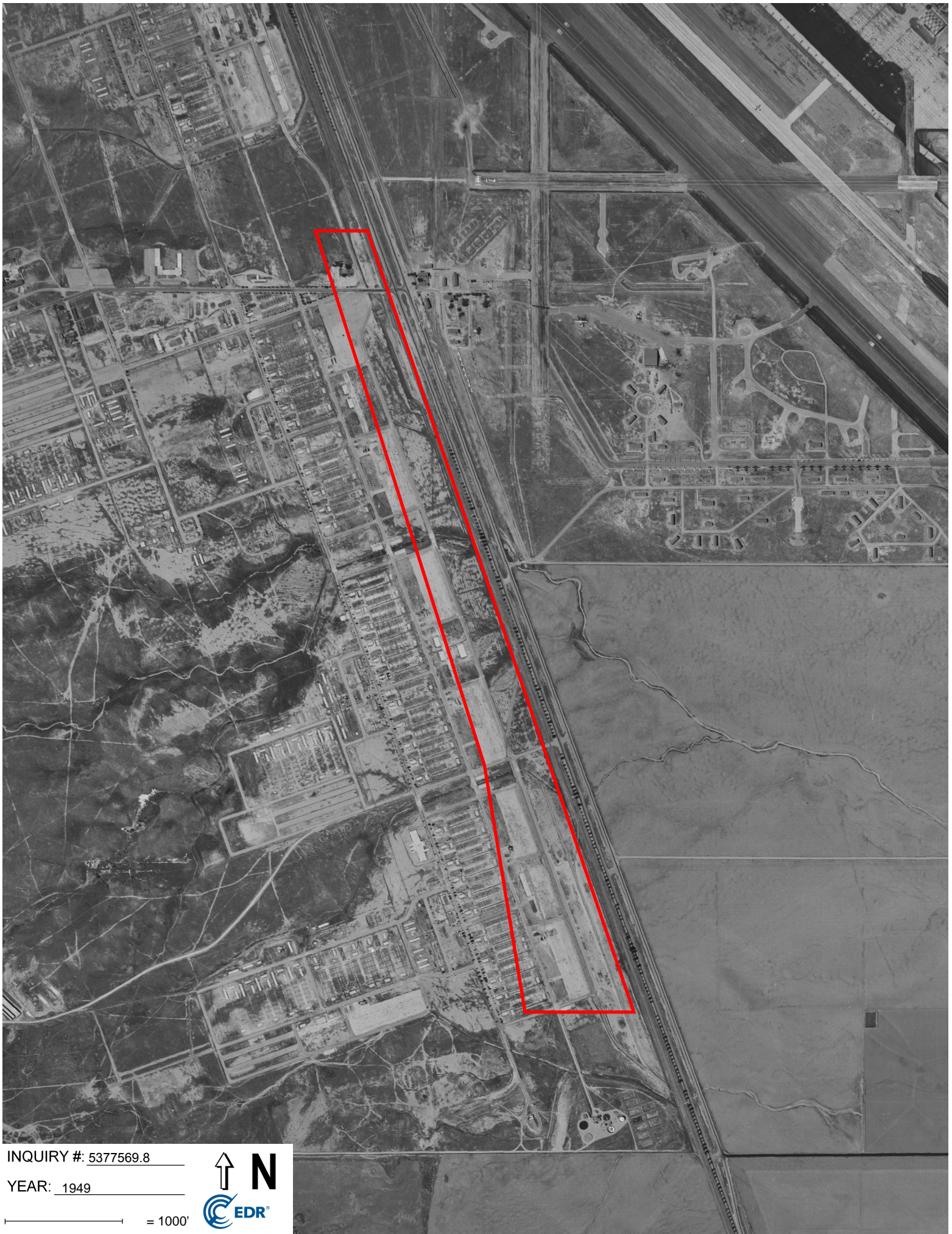


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YEAR: 1953

— = 1000'



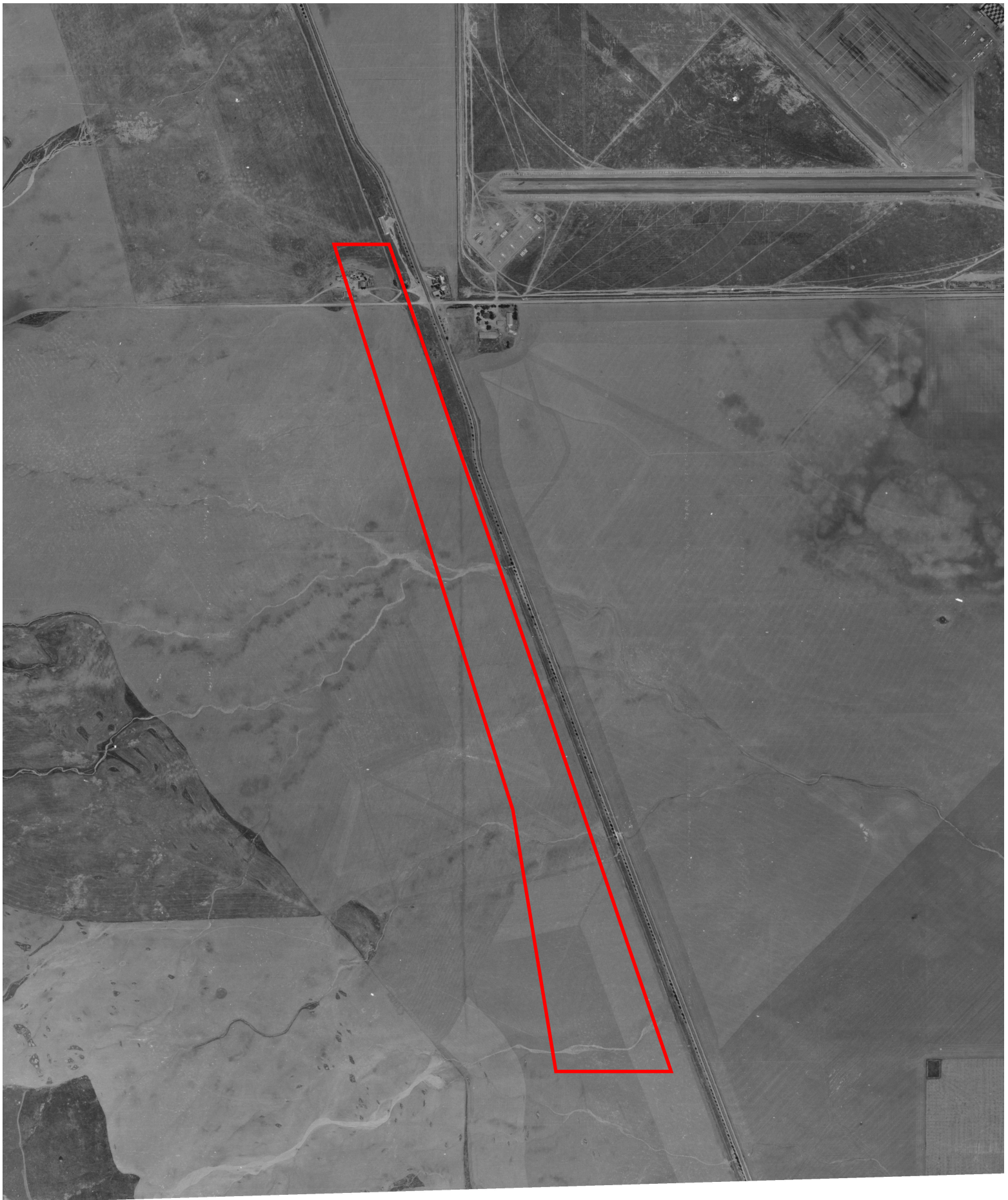


INQUIRY #: 5377569.8

YEAR: 1949

— = 1000'





INQUIRY #: 5377569.8

YEAR: 1938

— = 1000'





Appendix F

EDR Sanborn Maps

Van Buren Boulevard
Van Buren Boulevard
March Air Reserve Ba, CA 92518

Inquiry Number: 5377569.3

July 31, 2018

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

07/31/18

Site Name:

Van Buren Boulevard
Van Buren Boulevard
March Air Reserve Ba, CA 925
EDR Inquiry # 5377569.3

Client Name:

Kimley Horn & Associates, Inc.
401 B Street
San Diego, CA 92101
Contact: Karina Fidler



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Kimley Horn & Associates, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # EB3C-49CF-A8BA
PO # 095404009
Project Meridian Trunk Sewer



Sanborn® Library search results

Certification #: EB3C-49CF-A8BA

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.

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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Appendix G

EDR City Directory Report

Van Buren Boulevard

Van Buren Boulevard
March Air Reserve Ba, CA 92518

Inquiry Number: 5377569.10
August 03, 2018

The EDR-City Directory Image Report

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Findings

City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1985	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1980	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory
1975	<input type="checkbox"/>	<input type="checkbox"/>	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

Van Buren Boulevard
March Air Reserve Ba, CA 92518

Year CD Image Source

VAN BUREN BLVD

2014	pg A1	EDR Digital Archive	
2010	pg A2	EDR Digital Archive	
2005	pg A3	EDR Digital Archive	
2000	pg A4	EDR Digital Archive	
1995	pg A5	EDR Digital Archive	
1992	pg A6	EDR Digital Archive	
1985	-	Haines Criss-Cross Directory	Target and Adjoining not listed in Source
1980	-	Haines Criss-Cross Directory	Target and Adjoining not listed in Source
1975	-	Haines Criss-Cross Directory	Target and Adjoining not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images



-

VAN BUREN BLVD 2014

22495 NATIONAL CEMETERY ADM
RIVERSIDE NATIONAL CEMETERY



-

VAN BUREN BLVD 2010

22495 NATIONAL CEMETERY ADM
RIVERSIDE NATIONAL CEMETERY
22550 MARCH FELD MUSEUM FUNDATION INC



-

VAN BUREN BLVD 2005

22495 NATIONAL CEMETERY ADM
22550 MARCH FELD MUSEUM FUNDATION INC



-

VAN BUREN BLVD 2000

22495 NATIONAL CEMETERY ADM



-

VAN BUREN BLVD 1995

22495 NATIONAL CEMETERY SYSTEM

VAN BUREN BLVD 1992

22495 VA NATIONAL CEMETERY



Appendix H

EDR Radius Map Report

Van Buren Boulevard

Van Buren Boulevard
March Air Reserve Ba, CA 92518

Inquiry Number: 5377569.2s
July 31, 2018

The EDR Radius Map™ Report with GeoCheck®



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

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

VAN BUREN BOULEVARD
MARCH AIR RESERVE BA, CA 92518

COORDINATES

Latitude (North): 33.8733760 - 33° 52' 24.15"
Longitude (West): 117.2662170 - 117° 15' 58.38"
Universal Tranverse Mercator: Zone 11
UTM X (Meters): 475378.4
UTM Y (Meters): 3747954.2
Elevation: 1536 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5641312 RIVERSIDE EAST, CA
Version Date: 2012

Northeast Map: 5641326 SUNNYMEAD, CA
Version Date: 2012

Southeast Map: 5641330 PERRIS, CA
Version Date: 2012

Southwest Map: 5641324 STEELE PEAK, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140527, 20140603
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
 VAN BUREN BOULEVARD
 MARCH AIR RESERVE BA, CA 92518

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
Reg	MARCH AIR FORCE BASE		DOD	Same	1 ft.
Reg	MARCH AIR FORCE BASE	22 CSG/CC	NPL, SEMS, RCRA-LQG, US ENG CONTROLS, US INST...	Same	1 ft.
1	BNSF RAIL LINE, MORE		CIWQS	Lower	1 ft.
2	MARCH AIR FORCE BASE		MCS	Higher	1 ft.
3	CAMP HAAN, SITE Y (J	WEST AND NORTH OF TH	RESPONSE, ENVIROSTOR, Cortese	Higher	214, 0.041, NNW
4	RIVERSIDE NATIONAL C	123 ACRES OF REVERSI	HIST CORTESE	Higher	1125, 0.213, WNW
5	SITE Y -CAMP HAAN	NORTH END DECKER ROA	SWF/LF	Higher	1245, 0.236, South
A6	PISTOL RANGE		UXO	Higher	1448, 0.274, WSW
A7	CAMP HAAN		FUDS	Higher	1448, 0.274, WSW
B8	NANDINA LIQUOR/TEXAC	1569 NANDINA AVE	LUST, SWEEPS UST, CA FID UST, HIST CORTESE	Lower	1768, 0.335, SE
B9	PULLIAM FAMILY TRUST	1569 NANDINA AVE	LUST	Lower	1768, 0.335, SE
10	MARCH AIR FORCE BASE	7,123 ACRES; EAST OF	RESPONSE, ENVIROSTOR, HIST Cal-Sites	Lower	1795, 0.340, NNE
C11	EMPIRE TRACTOR	1480 NANDINA AVE	LUST	Lower	1843, 0.349, SE
C12	EMPIRE TRACTOR	1480 NANDINA AVE	LUST, HIST CORTESE	Lower	1843, 0.349, SE
13	MAFB-BLDG 3407	BLDG 3407	LUST	Lower	2470, 0.468, North
14	MARCH AFB	(1.25 MILES SOUTH OF	ENVIROSTOR	Higher	3153, 0.597, WSW
15	FORMER SKEET RANGE		UXO	Higher	3554, 0.673, West
16	MARCH FIELD		FUDS	Lower	3720, 0.705, NNE
17	MCLANE FOOD SERVICE	14813 MERIDIAN PARWA	Notify 65	Higher	5079, 0.962, NNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing

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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System

Federal ERNS list

ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
CPS-SLIC..... Statewide SLIC Cases

State and tribal registered storage tank lists

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

State and tribal voluntary cleanup sites

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

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register
CERS HAZ WASTE..... CERS HAZ WASTE

Local Lists of Registered Storage Tanks

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

Local Land Records

LIENS..... Environmental Liens Listing

EXECUTIVE SUMMARY

LIENS 2 CERCLA Lien Information
DEED Deed Restriction Listing

Records of Emergency Release Reports

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

Other Ascertainable Records

RCRA NonGen / NLR RCRA - Non Generators / No Longer Regulated
SCRD DRYCLEANERS State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR Financial Assurance Information
EPA WATCH LIST EPA WATCH LIST
2020 COR ACTION 2020 Corrective Action Program List
TSCA Toxic Substances Control Act
TRIS Toxic Chemical Release Inventory System
SSTS Section 7 Tracking Systems
RMP Risk Management Plans
RAATS RCRA Administrative Action Tracking System
PADS PCB Activity Database System
ICIS Integrated Compliance Information System
FTTS FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS Material Licensing Tracking System
COAL ASH DOE Steam-Electric Plant Operation Data
COAL ASH EPA Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER PCB Transformer Registration Database
RADINFO Radiation Information Database
HIST FTTS FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS Incident and Accident Data
CONSENT Superfund (CERCLA) Consent Decrees
INDIAN RESERV Indian Reservations
FUSRAP Formerly Utilized Sites Remedial Action Program
UMTRA Uranium Mill Tailings Sites
LEAD SMELTERS Lead Smelter Sites
US AIRS Aerometric Information Retrieval System Facility Subsystem
US MINES Mines Master Index File
ABANDONED MINES Abandoned Mines
FINDS Facility Index System/Facility Registry System
ECHO Enforcement & Compliance History Information
DOCKET HWC Hazardous Waste Compliance Docket Listing
FUELS PROGRAM EPA Fuels Program Registered Listing
CA BOND EXP. PLAN Bond Expenditure Plan
CUPA Listings CUPA Resources List
DRYCLEANERS Cleaner Facilities
EML Emissions Inventory Data
ENF Enforcement Action Listing
Financial Assurance Financial Assurance Information Listing
HAZNET Facility and Manifest Data
ICE ICE
HWP EnviroStor Permitted Facilities Listing
HWT Registered Hazardous Waste Transporter Database

EXECUTIVE SUMMARY

MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
NPDES.....	NPDES Permits Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
UIC GEO.....	UIC GEO (GEOTRACKER)
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
CERS.....	CERS
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

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

Federal NPL site list

EXECUTIVE SUMMARY

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 05/13/2018 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARCH AIR FORCE BASE	22 CSG/CC	0 - 1/8 (0.000 mi.)	0	8

Federal CERCLIS list

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

A review of the SEMS list, as provided by EDR, and dated 05/18/2018 has revealed that there is 1 SEMS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARCH AIR FORCE BASE	22 CSG/CC	0 - 1/8 (0.000 mi.)	0	8

Federal RCRA generators list

RCRA-LQG: 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.

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARCH AIR FORCE BASE	22 CSG/CC	0 - 1/8 (0.000 mi.)	0	8

Federal institutional controls / engineering controls registries

US ENG CONTROLS: A listing of sites with engineering controls in place.

A review of the US ENG CONTROLS list, as provided by EDR, and dated 02/13/2018 has revealed that

EXECUTIVE SUMMARY

there is 1 US ENG CONTROLS site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARCH AIR FORCE BASE	22 CSG/CC	0 - 1/8 (0.000 mi.)	0	8

US INST CONTROL: 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.

A review of the US INST CONTROL list, as provided by EDR, and dated 02/13/2018 has revealed that there is 1 US INST CONTROL site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARCH AIR FORCE BASE	22 CSG/CC	0 - 1/8 (0.000 mi.)	0	8

State- and tribal - equivalent NPL

RESPONSE: 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.

A review of the RESPONSE list, as provided by EDR, has revealed that there are 2 RESPONSE sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAMP HAAN, SITE Y (J) Database: RESPONSE, Date of Government Version: 04/30/2018 Status: Active Facility Id: 71000062	WEST AND NORTH OF TH	NNW 0 - 1/8 (0.041 mi.)	3	37

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARCH AIR FORCE BASE Database: RESPONSE, Date of Government Version: 04/30/2018 Status: Certified Facility Id: 33350014 Facility Id: 33970003	7,123 ACRES; EAST OF	NNE 1/4 - 1/2 (0.340 mi.)	10	57

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

EXECUTIVE SUMMARY

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 3 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAMP HAAN, SITE Y (J) Facility Id: 71000062 Status: Active	WEST AND NORTH OF TH	NNW 0 - 1/8 (0.041 mi.)	3	37
MARCH AFB Facility Id: 80001157 Status: Inactive - Needs Evaluation	(1.25 MILES SOUTH OF	WSW 1/2 - 1 (0.597 mi.)	14	70
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARCH AIR FORCE BASE Facility Id: 33970003 Facility Id: 33350014 Status: Certified	7,123 ACRES; EAST OF	NNE 1/4 - 1/2 (0.340 mi.)	10	57

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

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SITE Y -CAMP HAAN Database: SWF/LF (SWIS), Date of Government Version: 05/14/2018 Facility ID: 33-CR-0059 Operational Status: Closed Regulation Status: Unpermitted	NORTH END DECKER ROA	S 1/8 - 1/4 (0.236 mi.)	5	43

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, has revealed that there are 5 LUST sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NANDINA LIQUOR/TEXAC Database: LUST, Date of Government Version: 06/11/2018 Database: RIVERSIDE CO. LUST, Date of Government Version: 04/05/2018	1569 NANDINA AVE	SE 1/4 - 1/2 (0.335 mi.)	B8	45

EXECUTIVE SUMMARY

Status: Completed - Case Closed

Facility Id: 93025

Global Id: T0606500307

Facility Status: 9

PULLIAM FAMILY TRUST	1569 NANDINA AVE	SE 1/4 - 1/2 (0.335 mi.)	B9	56
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Facility Status: Preliminary site assessment workplan submitted				
Global ID: T0606500307				

EMPIRE TRACTOR	1480 NANDINA AVE	SE 1/4 - 1/2 (0.349 mi.)	C11	66
Database: LUST, Date of Government Version: 06/11/2018				
Database: RIVERSIDE CO. LUST, Date of Government Version: 04/05/2018				
Status: Completed - Case Closed				
Facility Id: 9914949				
Global Id: T0606500575				
Facility Status: 9				

EMPIRE TRACTOR	1480 NANDINA AVE	SE 1/4 - 1/2 (0.349 mi.)	C12	67
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Facility Status: Leak being confirmed				
Global ID: T0606500575				

MAFB-BLDG 3407	BLDG 3407	N 1/4 - 1/2 (0.468 mi.)	13	68
Database: LUST, Date of Government Version: 06/11/2018				
Status: Completed - Case Closed				
Global Id: T0606592292				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARCH AIR FORCE BASE	7,123 ACRES; EAST OF	NNE 1/4 - 1/2 (0.340 mi.)	10	57

Records of Emergency Release Reports

MCS: 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.

A review of the MCS list, as provided by EDR, and dated 06/11/2018 has revealed that there is 1 MCS site within approximately 0.001 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARCH AIR FORCE BASE Global Id: DOD100277100 Status: Open - Remediation		0 - 1/8 (0.000 mi.)	2	36

Other Ascertainable Records

FUDS: 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.

A review of the FUDS list, as provided by EDR, and dated 01/31/2015 has revealed that there are 2 FUDS sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAMP HAAN		WSW 1/4 - 1/2 (0.274 mi.)	A7	44
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARCH FIELD		NNE 1/2 - 1 (0.705 mi.)	16	72

DOD: 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.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARCH AIR FORCE BASE		0 - 1/8 (0.000 mi.)	0	8

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

A review of the ROD list, as provided by EDR, and dated 05/13/2018 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARCH AIR FORCE BASE	22 CSG/CC	0 - 1/8 (0.000 mi.)	0	8

PRP: A listing of verified Potentially Responsible Parties

A review of the PRP list, as provided by EDR, and dated 10/25/2013 has revealed that there is 1 PRP site within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MARCH AIR FORCE BASE	22 CSG/CC	0 - 1/8 (0.000 mi.)	0	8

EXECUTIVE SUMMARY

UXO: A listing of unexploded ordnance site locations

A review of the UXO list, as provided by EDR, and dated 09/30/2016 has revealed that there are 2 UXO sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PISTOL RANGE		WSW 1/4 - 1/2 (0.274 mi.)	A6	43
FORMER SKEET RANGE		W 1/2 - 1 (0.673 mi.)	15	71

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

A review of the Cortese list, as provided by EDR, and dated 03/26/2018 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CAMP HAAN, SITE Y (J) Envirostor Id: 71000062 Cleanup Status: ACTIVE	WEST AND NORTH OF TH	NNW 0 - 1/8 (0.041 mi.)	3	37

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

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RIVERSIDE NATIONAL C Reg Id: 33890003	123 ACRES OF REVERSI	WNW 1/8 - 1/4 (0.213 mi.)	4	42
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NANDINA LIQUOR/TEXAC Reg Id: 083302212T	1569 NANDINA AVE	SE 1/4 - 1/2 (0.335 mi.)	B8	45
EMPIRE TRACTOR Reg Id: 083303385T	1480 NANDINA AVE	SE 1/4 - 1/2 (0.349 mi.)	C12	67

Notify 65: 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.

A review of the Notify 65 list, as provided by EDR, and dated 03/23/2018 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MCLANE FOOD SERVICE	14813 MERIDIAN PARWA	NNW 1/2 - 1 (0.962 mi.)	17	73

EXECUTIVE SUMMARY

CIWQS: 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.

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

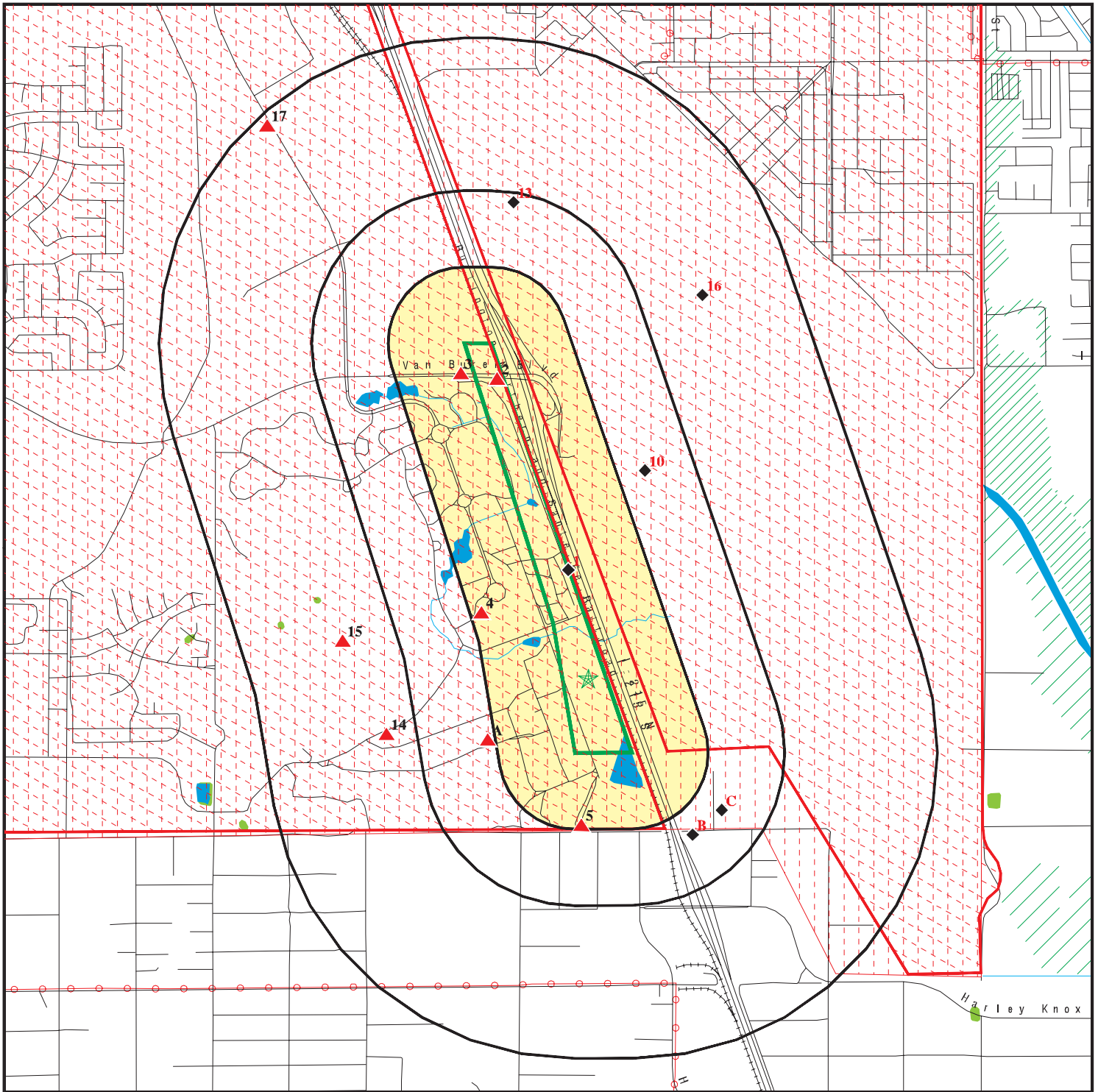
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BNSF RAIL LINE, MORE		0 - 1/8 (0.000 mi.)	1	36

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 9 records.

<u>Site Name</u>	<u>Database(s)</u>
RC FEEDER VAN BUREN PIPELINE	CIWQS
VAN BUREN RULE 20A	CIWQS
22495 VAN BUREN BLVD	CIWQS
VAN BUREN COMMERCIAL CENTER	NPDES
VAN BUREN BLVD. WIDENING PHASE 2	NPDES
	CDL
VAN BUREN COMMERCIAL CENTER	FINDS, ECHO
RIVERSIDE PLUME	CPS-SLIC
UCR (PESTICIDE PITS)	CPS-SLIC

OVERVIEW MAP - 5377569.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

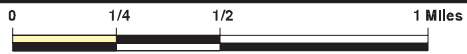
500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

Areas of Concern

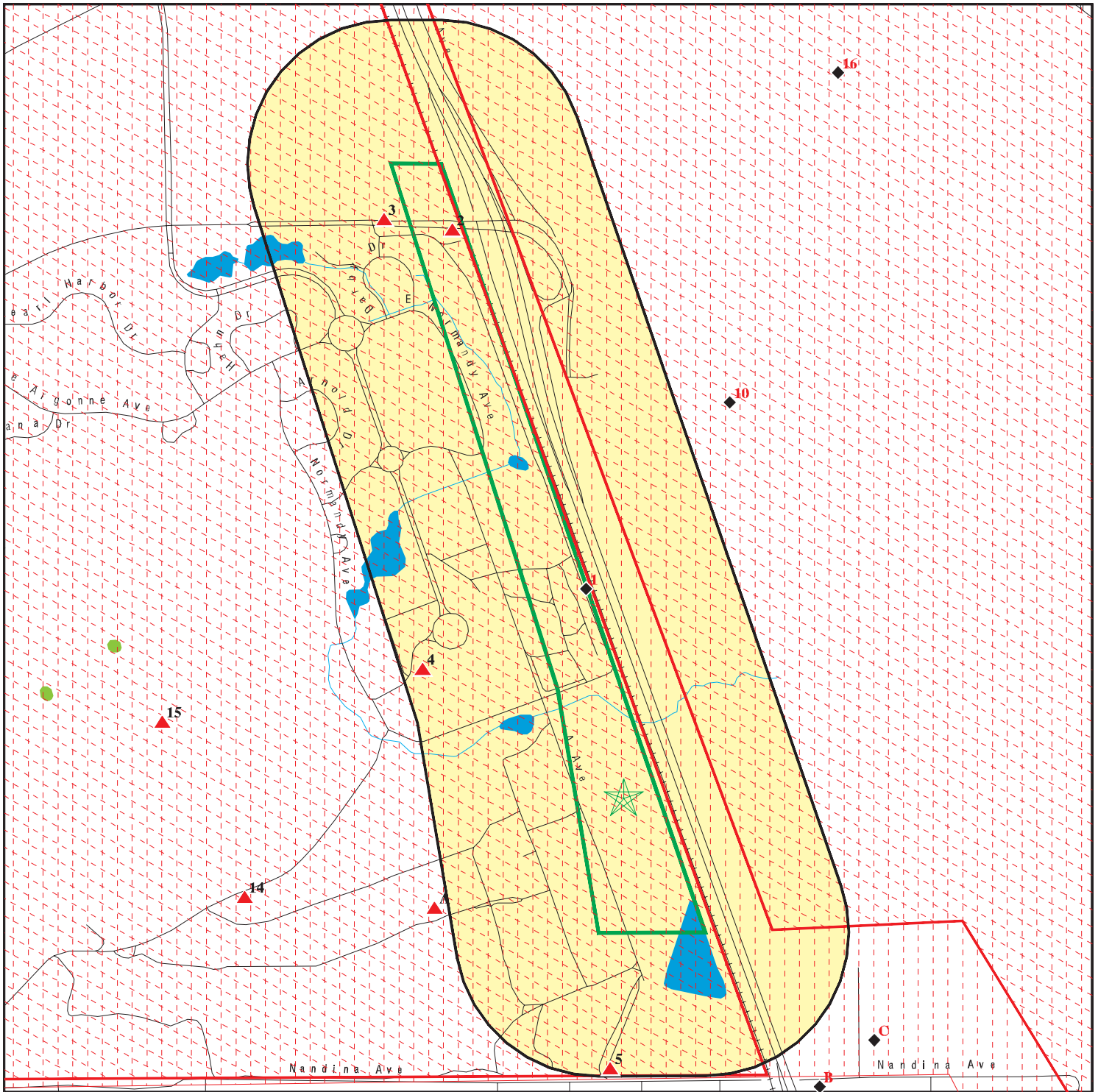


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Van Buren Boulevard
 ADDRESS: Van Buren Boulevard
 March Air Reserve Ba CA 92518
 LAT/LONG: 33.873376 / 117.266217

CLIENT: Kimley Horn & Associates, Inc.
 CONTACT: Karina Fidler
 INQUIRY #: 5377569.2s
 DATE: July 31, 2018 1:07 pm

DETAIL MAP - 5377569.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern



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

SITE NAME: Van Buren Boulevard
 ADDRESS: Van Buren Boulevard
 March Air Reserve Ba CA 92518
 LAT/LONG: 33.873376 / 117.266217

CLIENT: Kimley Horn & Associates, Inc.
 CONTACT: Karina Fidler
 INQUIRY #: 5377569.2s
 DATE: July 31, 2018 1:11 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		1	0	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		1	0	0	NR	NR	1
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		1	0	0	NR	NR	1
US INST CONTROL	0.500		1	0	0	NR	NR	1
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		1	0	1	0	NR	2
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000		1	0	1	1	NR	3
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	1	0	NR	NR	1
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	0	5	NR	NR	5

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

**DOD
Region**

**MARCH AIR FORCE BASE (CLOSED)
MARCH AIR FORCE BASE (CLO (County), CA**

**DOD CUSA143538
N/A**

< 1/8
1 ft.

DOD:
Feature 1: Air Force DOD
Feature 2: Not reported
Feature 3: Not reported
URL: Not reported
Name 1: March Air Force Base (Closed)
Name 2: Not reported
Name 3: Not reported
State: CA
DOD Site: Yes
Tile name: CARIVERSIDE

**NPL
Region**

**MARCH AIR FORCE BASE
22 CSG/CC
RIVERSIDE, CA 92518**

**NPL 1000169261
SEMS CA4570024527
RCRA-LQG
US ENG CONTROLS
US INST CONTROL
ROD
PRP**

< 1/8
1 ft.

NPL:
EPA ID: CA4570024527
Cerculis ID: 902761
EPA Region: 9
Federal: Y
Final Date: 1989-11-21 00:00:00
Site Score: 31.940000000000001
Latitude: 33.906389
Longitude: -117.2557

Category Details:
NPL Status: Currently on the Final NPL
Category Description: Depth To Aquifer-> 50 And <= 100 Feet
Category Value: 65

NPL Status: Currently on the Final NPL
Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
Category Value: 10

Site Details:
Site Name: MARCH AIR FORCE BASE
Site Status: Final
Site Zip: 92518
Site City: RIVERSIDE
Site State: CA
Federal Site: Yes
Site County: RIVERSIDE
EPA Region: 09
Date Proposed: 07/14/89
Date Deleted: Not reported
Date Finalized: 11/21/89

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

Substance Details:

NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: A046
Substance: POLYCHLORINATED BIPHENYLS
CAS #: 1336-36-3
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at proposal July 14, 1989): March Air Force Base (MAFB) covers approximately 7,000 acres near Riverside in the Moreno Valley in Riverside County, California. MAFB is adjacent to light industrial, agricultural, and residential areas. Established in 1918 as the Alessandro Aviation Field, MAFB has served as a training base and refueling operations base. Industrial operations including aircraft maintenance and repair) involved use of solvents and disposal of solvent wastes. MAFB is participating in the Installation Restoration Program (IRP), established in 1978. Under this program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. As part of IRP, the Air Force investigated 28 potentially contaminated disposal areas. MAFB Well No. 1 on-base was found to be contaminated with trichloroethylene, tetrachloroethylene, and cis-1,2-dichloroethylene at levels that exceed State drinking water standards. It was taken out of service. Soils on the base are contaminated with toluene and benzene. An estimated 11,600 people obtain drinking water from municipal wells within 3 miles of hazardous substances on MAFB. The Air Force is conducting a remedial investigation/ feasibility study (RI/FS) to determine the type and extent of contamination at the base and identify alternatives for remedial action. Status November 21, 1989): Field work continues on the RI/FS.

Site Status Details:

NPL Status: Final
Proposed Date: 07/14/1989
Final Date: 11/21/1989
Deleted Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

Narratives Details:

NPL Name: MARCH AIR FORCE BASE
City: RIVERSIDE
State: CA

SEMS:

Site ID: 902761
EPA ID: CA4570024527
Cong District: Not reported
FIPS Code: 6065
Latitude: 33.90638899999997
Longitude: -117.2557
FF: Y
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 0
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 1987-06-01 00:00:00
Finish Date: 6/1/1987
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 0
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 1989-07-14 00:00:00
Finish Date: 7/14/1989
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 0
Action Code: NF
Action Name: NPL FINL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

SEQ: 1
Start Date: 1989-11-21 00:00:00
Finish Date: 11/21/1989
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 0
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 2000-10-24 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 0
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1987-06-01 00:00:00
Finish Date: 6/1/1987
Qual: L
Current Action Lead: Fed Fac

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 1
Action Code: LY
Action Name: FF RA
SEQ: 1
Start Date: 1996-03-05 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: Fed Fac

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

OU: 0
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1987-02-01 00:00:00
Finish Date: 2/1/1987
Qual: L
Current Action Lead: Fed Fac

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 1
Action Code: RO
Action Name: ROD
SEQ: 1
Start Date: 1996-06-20 00:00:00
Finish Date: 6/20/1996
Qual: Not reported
Current Action Lead: Fed Fac

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 1
Action Code: LW
Action Name: FF RI/FS
SEQ: 1
Start Date: 1990-09-27 00:00:00
Finish Date: 6/20/1996
Qual: Not reported
Current Action Lead: Fed Fac

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 2
Action Code: RO
Action Name: ROD
SEQ: 7
Start Date: 2004-04-01 00:00:00
Finish Date: 4/1/2004
Qual: Not reported
Current Action Lead: Fed Fac

Region: 9
Site ID: 902761
EPA ID: CA4570024527

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 2
Action Code: LW
Action Name: FF RI/FS
SEQ: 6
Start Date: 1995-07-01 00:00:00
Finish Date: 7/1/1997
Qual: Not reported
Current Action Lead: Fed Fac

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1985-02-01 00:00:00
Finish Date: 2/1/1985
Qual: Not reported
Current Action Lead: Fed Fac

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 2
Action Code: LW
Action Name: FF RI/FS
SEQ: 4
Start Date: 1992-01-24 00:00:00
Finish Date: 4/30/1995
Qual: Not reported
Current Action Lead: Fed Fac

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 4
Action Code: LW
Action Name: FF RI/FS
SEQ: 2
Start Date: 1990-09-27 00:00:00
Finish Date: 9/29/2005
Qual: Not reported
Current Action Lead: Fed Fac

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 4
Action Code: RO
Action Name: ROD
SEQ: 3
Start Date: 2005-09-29 00:00:00
Finish Date: 9/29/2005
Qual: Not reported
Current Action Lead: Fed Fac

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 1
Action Code: LX
Action Name: FF RD
SEQ: 1
Start Date: 1996-04-07 00:00:00
Finish Date: 4/18/1996
Qual: Not reported
Current Action Lead: Fed Fac

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 5
Action Code: LW
Action Name: FF RI/FS
SEQ: 5
Start Date: 2005-10-30 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: Fed Fac

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 2
Action Code: RO
Action Name: ROD
SEQ: 5
Start Date: 2005-09-30 00:00:00
Finish Date: 9/30/2005

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

Qual: Not reported
Current Action Lead: Fed Fac

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 2
Action Code: RO
Action Name: ROD
SEQ: 4
Start Date: 2004-05-11 00:00:00
Finish Date: 5/11/2004
Qual: Not reported
Current Action Lead: Fed Fac

RCRA-LQG:

Date form received by agency: 02/29/2016
Facility name: MARCH AIR RESERVE BASE
Facility address: 610 MEYER DR
BLDG 2403
MARCH ARB, CA 92518
EPA ID: CA4570024527
Mailing address: MEYER DR
BLDG 2403
MARCH ARB, CA 92518
Contact: CRAIG HUNTER
Contact address: MEYER DR BLDG 2403
MARCH ARB, CA 92518
Contact country: US
Contact telephone: 951-655-5082
Contact email: CRAIG.HUNTER.1@US.AF.MIL
EPA Region: 09
Land type: Federal
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: US AIR FORCE
Owner/operator address: GRAEBER BLDG 470
MARCH ARB, CA 92518
Owner/operator country: US

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

Owner/operator telephone: 951-655-4665
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1945
Owner/Op end date: Not reported

Owner/operator name: GEN. RUSSELL A. MUNCY
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: 11/01/2013
Owner/Op end date: Not reported

Handler Activities Summary:

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

Universal Waste Summary:

Waste type: Batteries
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Lamps
Accumulated waste on-site: Yes
Generated waste on-site: No

Waste type: Thermostats
Accumulated waste on-site: Yes
Generated waste on-site: No

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics
. Waste code: 151

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

- . Waste name: Asbestos-containing waste
- . Waste code: 181
- . Waste name: Other inorganic solid waste
- . Waste code: 223
- . Waste name: Unspecified oil-containing waste
- . Waste code: 241
- . Waste name: Tank bottom waste
- . Waste code: 281
- . Waste name: Adhesives
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: 723
- . Waste name: Liquids with chromium (VI) > 500 mg/l
- . Waste code: 791
- . Waste name: Liquids with pH < 2
- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSLEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- . Waste code: D003
- . Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
- . Waste code: D005
- . Waste name: BARIUM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D009
- . Waste name: MERCURY

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

Historical Generators:

Date form received by agency: 10/22/2014
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

- . Waste code: D005
- . Waste name: BARIUM

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

- . Waste code: D011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

- . Waste name: SILVER
- . Waste code: D018
- . Waste name: BENZENE
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/20/2013

Site name: MARCH AIR RESERVE BASE

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008

MAP FINDINGS

MARCH AIR FORCE BASE (Continued)

1000169261

- . Waste name: LEAD

- . Waste code: D011
- . Waste name: SILVER

- . Waste code: D018
- . Waste name: BENZENE

- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- Date form received by agency: 07/15/2010
- Site name: MARCH AIR RESERVE BASE
- Classification: Large Quantity Generator

- . Waste code: 181
- . Waste name: Other inorganic solid waste

- . Waste code: 214
- . Waste name: Unspecified solvent mixture

- . Waste code: 223
- . Waste name: Unspecified oil-containing waste

- . Waste code: 281
- . Waste name: Adhesives

- . Waste code: 342

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

- . Waste name: Organic liquids with metals (see 121)
- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: 461
- . Waste name: Degreasing sludge
- . Waste code: 541
- . Waste name: Photochemicals / photo processing waste
- . Waste code: 792
- . Waste name: Liquids with pH < 2 with metals
- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D018
- . Waste name: BENZENE
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/26/2008

Site name: MARCH AIR RESERVE BASE

Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSLEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

- . Waste name: CHROMIUM
 - . Waste code: D008
 - . Waste name: LEAD
 - . Waste code: D009
 - . Waste name: MERCURY
 - . Waste code: D011
 - . Waste name: SILVER
 - . Waste code: D018
 - . Waste name: BENZENE
 - . Waste code: D021
 - . Waste name: CHLOROBENZENE
 - . Waste code: D035
 - . Waste name: METHYL ETHYL KETONE
 - . Waste code: F002
 - . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
 - . Waste code: F005
 - . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
 - . Waste code: U188
 - . Waste name: PHENOL
 - . Waste code: U227
 - . Waste name: ETHANE, 1,1,2-TRICHLORO-
- Date form received by agency: 02/08/2006
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator
- . Waste code: D001
 - . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT

Map ID
Direction
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MAP FINDINGS

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EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

Date form received by agency: 02/25/2004
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D011
. Waste name: SILVER

Map ID
Direction
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Elevation

MAP FINDINGS

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EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 04/10/2002
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D003
. Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

. Waste code: D004
. Waste name: ARSENIC

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: P098
. Waste name: POTASSIUM CYANIDE

Date form received by agency: 10/12/2000
Site name: MARCH ARB CA
Classification: Large Quantity Generator

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Elevation

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Database(s)

EDR ID Number
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MARCH AIR FORCE BASE (Continued)

1000169261

Date form received by agency: 07/14/2000

Site name: MARCH AIR RESERVE BASE

Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002

. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D008

. Waste name: LEAD

. Waste code: D009

. Waste name: MERCURY

. Waste code: F001

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR

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MARCH AIR FORCE BASE (Continued)

1000169261

MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/04/1999
Site name: MARCH ARB, CA
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

Date form received by agency: 03/26/1996
Site name: MARCH AFB, CA
Classification: Large Quantity Generator

Date form received by agency: 03/31/1994
Site name: MARCH AIR FORCE BASE, CA
Classification: Large Quantity Generator

Date form received by agency: 03/30/1992
Site name: MARCH AIR FORCE BASE
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 15899.4

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 186

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MAP FINDINGS

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MARCH AIR FORCE BASE (Continued)

1000169261

Waste code:	D003
Waste name:	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
Amount (Lbs):	1
Waste code:	D005
Waste name:	BARIUM
Amount (Lbs):	8
Waste code:	D006
Waste name:	CADMIUM
Amount (Lbs):	843
Waste code:	D007
Waste name:	CHROMIUM
Amount (Lbs):	1026
Waste code:	D008
Waste name:	LEAD
Amount (Lbs):	843
Waste code:	D009
Waste name:	MERCURY
Amount (Lbs):	2
Waste code:	D011
Waste name:	SILVER
Amount (Lbs):	1
Waste code:	D018
Waste name:	BENZENE
Amount (Lbs):	3436
Waste code:	D035
Waste name:	METHYL ETHYL KETONE
Amount (Lbs):	11381

Facility Has Received Notices of Violations:

Regulation violated:	FR - 262.30-34.C
Area of violation:	Generators - General
Date violation determined:	04/27/1995
Date achieved compliance:	04/27/2000
Violation lead agency:	EPA
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	04/28/1995
Enf. disposition status:	Not reported
Enf. disp. status date:	Not reported
Enforcement lead agency:	EPA
Proposed penalty amount:	Not reported
Final penalty amount:	Not reported
Paid penalty amount:	Not reported

Regulation violated: FR - 262.10-12.A

Map ID
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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

Area of violation: Generators - General
Date violation determined: 03/05/1984
Date achieved compliance: 04/04/1995
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/18/1984
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 11/02/2006
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/06/1996
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/04/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/27/2000
Evaluation lead agency: EPA

Evaluation date: 03/05/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 04/04/1995
Evaluation lead agency: EPA

US ENG CONTROLS:

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Address: 22 CSG/CC
RIVERSIDE, CA 92518

EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Actual Date: 09/30/2005
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: Explanation Of Significant Differences
Action Completion date: 08/24/2000
Operable Unit: 01
Contaminated Media : Soil

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

Engineering Control: Bioremediation (Ex-Situ)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Discharge
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Extraction
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Liquid Phase Carbon Adsorption
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Groundwater
Engineering Control: Other, (N.O.S.)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION

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Direction
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Elevation

MAP FINDINGS

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EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Cap
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Excavation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Impermeable Barrier
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Low Temperature Thermal Desorption
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Operations & Maintenance (O&M)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Recycling
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 06/20/1996
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Soil Vapor Extraction (in-situ)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/2005
Operable Unit: 04
Contaminated Media : Groundwater
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: Monitoring
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 003
Action Name: RECORD OF DECISION
Action Completion date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Engineering Control: No Action
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 09/30/2005
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 005
Action Name: RECORD OF DECISION
Action Completion date: 09/30/2005
Operable Unit: 02
Contaminated Media : Soil
Engineering Control: No Action
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

US INST CONTROL:

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Covenant
Actual Date: 09/30/2005
Comple. Date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext : Not reported
Event Code Description: Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Deed Notices
Actual Date: 09/30/2005
Comple. Date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

Contact Name : Not reported
Contact Phone and Ext :Not reported
Event Code Description:Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518

EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Subdivision regulation
Actual Date: 09/30/2005
Complet. Date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Event Code Description:Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518

EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Zoning regulation
Actual Date: 09/30/2005
Complet. Date: 09/29/2005
Operable Unit: 04
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Event Code Description:Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518

EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Covenant
Actual Date: 06/15/2004
Complet. Date: 05/11/2004
Operable Unit: 02
Contaminated Media : Groundwater
Contact Name : Not reported
Contact Phone and Ext :Not reported
Event Code Description:Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Covenant
Actual Date: 06/15/2004
Comple. Date: 05/11/2004
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Event Code Description:Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Base use plan change
Actual Date: 09/30/2005
Comple. Date: 09/30/2005
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Event Code Description:Not reported

EPA ID: CA4570024527
Site ID: 0902761
Name: MARCH AIR FORCE BASE
Action Name: RECORD OF DECISION
Address: 22 CSG/CC
RIVERSIDE, CA 92518
EPA Region: 09
County: RIVERSIDE
Event Code: Not reported
Inst. Control: Building, demolition, or excavation regulation
Actual Date: 09/30/2005
Comple. Date: 09/30/2005
Operable Unit: 02
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Event Code Description:Not reported

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MARCH AIR FORCE BASE (Continued)

1000169261

PRP:
 PRP name: STATE OF CALIFORNIA/DEPT. OF HEALTH SERVICES
 STATE OF CALIFORNIA/DEPT. OF WATER QUALITY
 U.S. AIR FORCE
 U.S. AIR FORCE

1 BNSF RAIL LINE, MORENO VALLEY

CIWQS S121624123

< 1/8 RIVERSIDE (County), CA
1 ft.

N/A

Relative: CIWQS:
Lower Agency: BNSF Railway Company San Bernardino
 Agency Address: 740 East Carnegie Drive, San Bernardino, CA 92408
Actual: Place/Project Type: Dredge/Fill Site
1530 ft. SIC/NAICS: Not reported
 Region: 8
 Program: CERFILLEXC
 Regulatory Measure Status: Historical
 Regulatory Measure Type: 401 Certification
 Order Number: Not reported
 WDID: Not reported
 NPDES Number: Not reported
 Adoption Date: 02/08/2005
 Effective Date: 02/08/2005
 Termination Date: Not reported
 Expiration/Review Date: Not reported
 Design Flow: Not reported
 Major/Minor: Not reported
 Complexity: Not reported
 TTWQ: Not reported
 Enforcement Actions within 5 years: 0
 Violations within 5 years: 0
 Latitude: 33.878617
 Longitude: -117.26735

2 MARCH AIR FORCE BASE - US AIR FORCE, FORMER MARCH

MCS S109290691

< 1/8 RIVERSIDE, CA 92518
1 ft.

N/A

Relative: MCS:
Higher Global Id: DOD100277100
 Latitude: 33.8877
Actual: Longitude: -117.2714
1538 ft. Case Type: Military Cleanup Site
 Status: Open - Remediation
 Status Date: 07/01/2010
 Lead Agency: SANTA ANA RWQCB (REGION 8)
 Caseworker: PAH
 Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
 RB Case Number: 166-72 -- 27
 LOC Case Number: 33970002
 File Location: Local Agency Warehouse
 Potential Media Affect: Aquifer used for drinking water supply, Soil, Soil Vapor
 EDR Link ID: DOD100277100

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MARCH AIR FORCE BASE - US AIR FORCE, FORMER MARCH AIR FORCE (Continued)

S109290691

Potential Contaminants of Concern: Not reported

Site History:

This GeoTracker Site is for the program activities of the Installation Restoration Program for former March AFB. The portions of former March AFB that are being transferred to private ownership for reuse. The Installation Restoration Program (IRP) for March Air Force Base began in September of 1983. The initial study identified 30 potential contaminated sites for further investigation. A second study, completed in March 1987, consisted of the collection of soil, water, and soil gas samples. In June 1987, further investigation was conducted. This investigation indicated that further investigation was required to better define the extent of soil and groundwater (GW) contamination and off-base migration of TCE in GW. In November 1991, March was listed on U.S. EPA National Priorities List (Superfund site) due to the presence of contamination in groundwater beneath the base. Three Operable Units (OU) were created to facilitate the restoration process. Fourteen sites located along the eastern base boundary were placed in OU1. Twenty six sites located west of OU1 were placed into OU2. One site located in the flight line was placed in OU3. The OU-1 Remedial Investigation/Feasibility Study (RI/FS) and Proposed Plan (PP) were made available to the public on April 27, 1994. A record of decision (ROD) was issued in June of 1996 which addresses: 1) soil at Sites 10, 15, 18, 31, and 34; 2) groundwater at Sites 4, 18, and 31 and the combined OU1 groundwater plume. The RI/FS for OU2 was performed from 1992 to 1997. In 1993 March AFB was designated for realignment. In August 1996, this resulted in splitting the bases IRP program between March Air Reserve Base and the Air Force Real Property Agency (AFRPA). AFRPA sites have been declared excess property and have been or will be transferred from AF control. The RI/FS Report for OU2 was dated July 1997. The OU2 RI/FS and PP were made available for public comment on September 8, 1997. A new OU2 PP (for AFRPA sites) was made available for public comment on August 23, 2000. The AFRPA OU2 ROD was signed in May of 2004. The OU2 sites, primarily located on West March, were: 3, 6, 12, 17, 19, 20, 26, 22, 23, 24, 25, 30, 35, 40, and 42. Four OU1 sites belong to the AFRPA: 4, 7, 38, and off-base groundwater plume. OU 4 consists of 7 sites: 21, 41, 44 and four non-IRP sites Water Tower 3910, Water Tank 6601, Site L, and the former Base Hospital and Dental Clinic. The Draft Final OU4 Focused RI/FS was released to the public on July 23, 2004. The ROD is dated September 2005. There are AFRPA two petroleum corrective action sites, Site 43 and Building 550. Site 43 was closed on April 19, 2002.

[Click here to access the California GeoTracker records for this facility:](#)

3
NNW
< 1/8
0.041 mi.
214 ft.

CAMP HAAN, SITE Y (J09CA0279)
WEST AND NORTH OF THE INTERSECTION OF NANDINA AVE AND FWY 21
RIVERSIDE, CA 92518

RESPONSE **S107736028**
ENVIROSTOR **N/A**
Cortese

Relative:
Higher
Actual:
1542 ft.

RESPONSE:
 Facility ID: 71000062
 Site Type: State Response
 Site Type Detail: FUDS
 Acres: 76
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP, RWQCB 8 - Santa Ana
 Lead Agency Description: DTSC - Site Cleanup Program

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMP HAAN, SITE Y (J09CA0279) (Continued)

S107736028

Project Manager: Stephen Niou
Supervisor: Robert Senga
Division Branch: Cleanup Cypress
Site Code: 401244
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 61
Senate: 31
Special Program Status: DSMOA
Status: Active
Status Date: 02/16/2017
Restricted Use: NO
Funding: DERA
Latitude: 33.86779
Longitude: -117.2676
APN: NONE SPECIFIED
Past Use: FIRING RANGE - SMALL ARMS ETC...
Potential COC : Explosives (UXO, MEC Lead Copper and compounds)
Confirmed COC: 30013-NO 30011-NO 30156-NO
Potential Description: SOIL
Alias Name: J09CA0279
Alias Type: Federal Facility ID
Alias Name: 110033618379
Alias Type: EPA (FRS #)
Alias Name: T0606545483
Alias Type: GeoTracker Global ID
Alias Name: 19698
Alias Type: RB-PCA
Alias Name: 401244
Alias Type: Project Code (Site Code)
Alias Name: 71000062
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 01/17/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 08/16/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 12/15/2009
Comments: a no-comment letter was sent to the Army for Additional RI workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Quality Assurance Workplan
Completed Date: 09/17/2009
Comments: QAPP accepted

Completed Area Name: PROJECT WIDE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMP HAAN, SITE Y (J09CA0279) (Continued)

S107736028

Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 12/24/2009
Comments: sampling plan accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/22/2010
Comments: Approval letter sent, awaiting final copy

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/22/2010
Comments: Workplan approved, awaiting the final document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/09/2011
Comments: Secondary document. No approval required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 08/16/2011
Comments: DTSC comments incorporated into the Final SI report.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2021
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2021
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Record of Decision
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Proposed Plan
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Public Participation Plan / Community Relations Plan
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Investigation / Feasibility Study
Future Due Date: 2018
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMP HAAN, SITE Y (J09CA0279) (Continued)

S107736028

Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 71000062
Status: Active
Status Date: 02/16/2017
Site Code: 401244
Site Type: State Response
Site Type Detailed: FUDS
Acres: 76
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 8 - Santa Ana
Lead Agency: SMBRP
Program Manager: Stephen Niou
Supervisor: Robert Senga
Division Branch: Cleanup Cypress
Assembly: 61
Senate: 31
Special Program: DSMOA
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: DERA
Latitude: 33.86779
Longitude: -117.2676
APN: NONE SPECIFIED
Past Use: FIRING RANGE - SMALL ARMS ETC...
Potential COC: Explosives (UXO, MEC Lead Copper and compounds)
Confirmed COC: 30013-NO 30011-NO 30156-NO
Potential Description: SOIL
Alias Name: J09CA0279
Alias Type: Federal Facility ID
Alias Name: 110033618379
Alias Type: EPA (FRS #)
Alias Name: T0606545483
Alias Type: GeoTracker Global ID
Alias Name: 19698
Alias Type: RB-PCA
Alias Name: 401244
Alias Type: Project Code (Site Code)
Alias Name: 71000062
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 01/17/1995
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inventory Project Report (INPR)
Completed Date: 08/16/1999
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMP HAAN, SITE Y (J09CA0279) (Continued)

S107736028

Completed Document Type: Remedial Investigation Workplan
Completed Date: 12/15/2009
Comments: a no-comment letter was sent to the Army for Additional RI workplan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Quality Assurance Workplan
Completed Date: 09/17/2009
Comments: QAPP accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 12/24/2009
Comments: sampling plan accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/22/2010
Comments: Approval letter sent, awaiting final copy

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/22/2010
Comments: Workplan approved, awaiting the final document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/09/2011
Comments: Secondary document. No approval required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 08/16/2011
Comments: DTSC comments incorporated into the Final SI report.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2021
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2021
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Record of Decision
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Proposed Plan
Future Due Date: 2019
Future Area Name: PROJECT WIDE

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAMP HAAN, SITE Y (J09CA0279) (Continued)

S107736028

Future Sub Area Name: Not reported
 Future Document Type: Public Participation Plan / Community Relations Plan
 Future Due Date: 2019
 Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not reported
 Future Document Type: Remedial Investigation / Feasibility Study
 Future Due Date: 2018
 Schedule Area Name: Not reported
 Schedule Sub Area Name: Not reported
 Schedule Document Type: Not reported
 Schedule Due Date: Not reported
 Schedule Revised Date: Not reported

CORTESE:

Region: CORTESE
 Envirostor Id: 71000062
 Site/Facility Type: STATE RESPONSE
 Cleanup Status: ACTIVE
 Status Date: 02/16/2017
 Site Code: 401244
 Latitude: 33.867798
 Longitude: -117.26767
 Owner: Not reported
 Enf Type: Not reported
 Swat R: Not reported
 Flag: envirostor
 Order No: Not reported
 Waste Discharge System No: Not reported
 Effective Date: Not reported
 Region 2: Not reported
 WID Id: Not reported
 Solid Waste Id No: Not reported
 Waste Management Uit Name: Not reported
 File Name: Haz Waste & Substances Sites

4
WNW
1/8-1/4
0.213 mi.
1125 ft.

RIVERSIDE NATIONAL CEMETE
123 ACRES OF REVERSIDE CA
RIVERSIDE, CA 92518

HIST CORTESE S105025886
N/A

Relative:
Higher
Actual:
1557 ft.

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 33
 Reg By: CALSI
 Reg Id: 33890003

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s) EDR ID Number
 EPA ID Number

5
South
1/8-1/4
0.236 mi.
1245 ft.

SITE Y -CAMP HAAN
NORTH END DECKER ROAD / WEST OF I- 215
MARCH AIR FORCE BASE, CA

SWF/LF **S106900233**
N/A

Relative:
Higher
Actual:
1542 ft.

SWF/LF (SWIS):
 Region: STATE
 Facility ID: 33-CR-0059
 Lat/Long: 33.8665 / -117.26662
 Owner Name: US Dept. Veterans Affairs
 Owner Telephone: 9516538417
 Owner Address: National Cemetery Adm.
 Owner Address2: 22495 Van Buren Blvd.
 Owner City,St,Zip: Riverside, CA 92518
 Operational Status: Closed
 Operator: Not reported
 Operator Phone: Not reported
 Operator Address: Not reported
 Operator Address2: Not reported
 Operator City,St,Zip: Not reported
 Permit Date: Not reported
 Permit Status: Not reported
 Permitted Acreage: Not reported
 Activity: Solid Waste Disposal Site
 Regulation Status: Unpermitted
 Landuse Name: Not reported
 GIS Source: Map
 Category: Disposal
 Unit Number: 01
 Inspection Frequency: Quarterly
 Accepted Waste: Construction/demolition,Inert,Mixed municipal
 Closure Date: Not reported
 Closure Type: Not reported
 Disposal Acreage: Not reported
 SWIS Num: 33-CR-0059
 Waste Discharge Requirement Num: Not reported
 Program Type: Not reported
 Permitted Throughput with Units: Not reported
 Actual Throughput with Units: Not reported
 Permitted Capacity with Units: Not reported
 Remaining Capacity: Not reported
 Remaining Capacity with Units: Not reported
 Lat/Long: 33.8665 / -117.26662

A6
WSW
1/4-1/2
0.274 mi.
1448 ft.

PISTOL RANGE
PALATKA, FL
Site 1 of 2 in cluster A

UXO **1018149936**
N/A

Relative:
Higher
Actual:
1570 ft.

UXO:
 DoD Component: FUDS
 Installation Name: CAMP HAAN
 Facility Address 2: Not reported
 Site ID: 00OEW
 Site Type: Small Arms Range
 Latitude: 33.870556
 Longitude: -117.271944

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PISTOL RANGE (Continued)

1018149936

DoD Component: FUDS
Installation Name: KAY LARKIN AIRPORT
Facility Address 2: Not reported
Site ID: 00OEW
Site Type: Small Arms Range
Latitude: 29.658056
Longitude: -81.688889

**A7
WSW
1/4-1/2
0.274 mi.
1448 ft.**

**CAMP HAAN
RIVERSIDE, CA
Site 2 of 2 in cluster A**

**FUDS 1007372675
N/A**

**Relative:
Higher
Actual:
1570 ft.**

FUDS:
EPA Region: 09
Congressional District: 41
FUDS Number: J09CA0279
State: CA
Facility Name: CAMP HAAN
Fiscal Year: 2013
City: RIVERSIDE
Federal Facility ID: CA9799F5400
Telephone: 213-452-3920
INST ID: 61045
County: RIVERSIDE
RAB: Not reported
CORPS_DIST: Los Angeles District (SPL)
NPL Status: Not Listed
CTC: 20112.099999999999
Current Owner: Other Federal Government
Future Prog: Not reported
Description: LOCATED SOUTHEAST OF RIVERSIDE AND MORENO VALLEY
Current Program: Not reported
History: CAMP HAAN WAS PRIMARILY USED AS COAST ARTILLERY ANTI-AIRCRAFT TRAINING CENTER. ALSO USED AS A SEPARATION POINT FOR WARTIME SOLDIERS, AND A POW CAMP

Latitude Degree: 33
Latitude Minute: 52
Latitude Second: 14
Latitude Direction: N
Longitude Degree: -117
Longitude Minute: 16
Longitude Second: 19
Longitude Direction: E

FUDS:
Inst ID: 61045
FUDS Number: J09CA0279
Facility Name: CAMP HAAN
PHASE: 4
ARC: Y
DIST: SPL
MMRP: Y
MRA ID: J09CA027900R01

FUDS:
Inst ID: 61045

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAMP HAAN (Continued)

1007372675

FUDS Number: J09CA0279
Facility Name: CAMP HAAN
PHASE: 4
Site ID: 00
DIST: SPL
MMRP: Y
MRA ID: J09CA027900R01
PROJ NO: J09CA027900

B8
SE
1/4-1/2
0.335 mi.
1768 ft.

NANDINA LIQUOR/TEXACO
1569 NANDINA AVE
PERRIS, CA 92370
Site 1 of 2 in cluster B

LUST **S101631120**
SWEEPS UST **N/A**
CA FID UST
HIST CORTESE

Relative:
Lower
Actual:
1516 ft.

LUST:
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500307
Global Id: T0606500307
Latitude: 33.8659398114501
Longitude: -117.260492552057
Status: Completed - Case Closed
Status Date: 03/19/2018
Case Worker: CAB
RB Case Number: 083302212T
Local Agency: Not reported
File Location: Local Agency
Local Case Number: 93025
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Diesel
Site History: ***Data prior to 2005 does not appear in GeoTracker. Consult agency file for all site data*** In December, 1992, one 4000 gallon UST was removed from the site. Elevated hydrocarbon levels were detected in the soil. One additional 600 gallon UST was removed January 11, 1993. In July, 1994, hand augured soil samples were taken beneath the 600 gallon UST. Contamination increased with depth. Deeper augur samples, to 21 feet, were taken in November, 1994. TPHg increased from 100 ppm at 5 to 480 ppm at 8 to 820 ppm at 21. In September 1998, five underground storage tanks (USTs) were removed from the Site. Four of the five tanks contained gasoline and diesel fuel. The fifth tank was for storage of used oil. Confirmation soil samples collected following removal of the USTs revealed that discharges of petroleum hydrocarbons had occurred to subsurface soils. Neither product piping nor dispenser islands were removed during UST closure activities. The UST excavations were backfilled with the excavated soils. In February 1999, six exploratory soil borings were drilled and sampled in the vicinity of the former five USTs. Groundwater was encountered at 29. In October 1999, three groundwater wells, MW-1, MW-2 and MW-3, were installed in the area of the former gasoline and diesel fuel USTs. The remaining product piping, former dispenser islands, and dispenser canopy were removed in May 2001. In May 2001 ten additional exploratory borings were drilled and sampled. The northern end of the center dispenser island detected contaminants which increased with depth. In October and November 2002, further assessment was conducted at the Site. Five 2-inch diameter groundwater monitoring wells were installed on the Site. Significant soil contamination was not

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NANDINA LIQUOR/TEXACO (Continued)

S101631120

encountered within any of the five boreholes. Free product was encountered in MW-2 in December 2003. . MW-2 was hand bailed on March 1, 2004, March 9, 2004, and March 12, 2004, as part of free-product removal remedial action. Additionally, a vacuum extraction truck was utilized for five (5) of the eleven (11) onsite monitoring wells on March 25, 2004, April 8, 2004, and April 23, 2004. Approximately 0.25 gallons of free product was removed from well MW-2 during the hand bailing operations and approximately 415 gallons of petroleum hydrocarbon-impacted groundwater was removed from the five wells during the three vacuum truck extraction events. In March 2004, three additional groundwater wells were installed. Significant soil contamination was not encountered within any of the three boreholes. A Dual-Phase Extraction pilot test was conducted during an approximately 80-hour event from November 15-November 19, 2004. A discharge permit was obtained from the Regional Water Quality Control Board (RWQCB) Santa Ana Region to discharge the treated groundwater to an underground trench. On May 10-12, 2006 a second pilot test was completed. On June 9, 2008 the groundwater pump and treat (GPT) and soil vapor extraction (SVE) systems were activated for preliminary testing purposes only. The systems were operated intermittently and necessary adjustments were made over a period of approximately six weeks. On July 23, 2008 the GPT and SVE systems became fully operational. The system operated until October 1, 2008 when it was shut down due to lack of funds. . The SVE system was restarted April 11, 2011 and limited testing using dual-phase extraction was completed May 5 and 20, 2011. On April 11, 2011, a dual-phase extraction system was started and continued through the second quarter 2011. A total of 399 lbs of TPHg were recovered. Third and fourth events were conducted in July through December 2011. A total of 512 lbs of TPHg and 138757 gallon of groundwater were removed during the third event and 33 lbs of TPHg and 25256 gallon of groundwater were removed during the fourth event. Seven soil borings were advanced to 35.5 feet on January 23 and 24, 2012 and were converted to one monitoring well (MW13) and 6 dual-phase extraction wells (DPE1 through DPE6). . The newly installed DPE wells (DPE-1 through DPE-6) were added to the DPE system. Up to 19700 ppmV TPHg was detected in the vapors in DPE4. Up to 14.4 ppmV benzene was detected in the vapors from DPE3. The DPE system was shut down due to Fund budgeting in April 2012. 285716 gallons of groundwater had been removed, treated and discharged. 1503 lbs of TPHg were recovered. The DPE system was restarted in July 2012. Influent TPHg vapors showed up to 262 ppmV. The system was operated until November 2012 when the DPE system was shut down for rebounding. Influent TPHg at shutdown was 103 ppmV, benzene was 0.4 ppmV, toluene was 3.56 ppmV, ethylbenzene was 1.33 ppmV and xylenes were 13.1 ppmV. A total of 8 dual-phase extraction treatment events had been conducted. 1855 lbs of hydrocarbons and 357916 gallons of groundwater have been removed during the 8 events. Rebound testing was completed in January and February 2016. The groundwater monitoring wells have been sampled quarterly since October 2001 until September 2008 when sampling was discontinued due to lack of Funds. Sampling was restarted November 2009. Up to 75,000 ppb TPHd, 3,200,000 ppb TPHg, 1,300,000 ppb benzene, 3,900,000 ppb toluene, 850,000 ppb ethylbenzene, 5,900,000 ppb xylenes, 6,500 ppb MTBE, 48000 ppb Naphthalene, and 2300 ppb TAME was detected in all wells. Free product was encountered in MW-2 in December 2003. Up to 0.32 of free product was detected in MW-2 and 0.02 in MW-1. MW-2 was hand bailed on March 1, 2004, March 9, 2004,

Map ID
Direction
Distance
Elevation

MAP FINDINGS

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EDR ID Number
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NANDINA LIQUOR/TEXACO (Continued)

S101631120

and March 12, 2004, as part of free-product removal remedial action. Additionally, a vacuum extraction truck was utilized for five (5) of the eleven (11) onsite monitoring wells on March 25, 2004, April 8, 2004, and April 23, 2004. Approximately 0.25 gallons of free product was removed from well MW-2 during the hand bailing operations and approximately 415 gallons of petroleum hydrocarbon-impacted groundwater was removed from the five wells during the three vacuum truck extraction events.

LUST:

Global Id: T0606500307
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

LUST:

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 07/07/2011
Action: Staff Letter - #RCDEH 070711

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 06/03/2008
Action: File review

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 06/06/2007
Action: File review

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 07/31/2007
Action: File review

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 11/28/2007
Action: File review

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 07/19/2017
Action: Verbal Communication

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 01/02/2018
Action: Staff Letter

Global Id: T0606500307
Action Type: REMEDIATION

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
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NANDINA LIQUOR/TEXACO (Continued)

S101631120

Date: 03/31/2011
Action: Other (Use Description Field)

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 01/08/2014
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 07/01/2017
Action: Referral to Regional Board - #RCDEH notification letters

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 07/19/2011
Action: Technical Correspondence / Assistance / Other - #RCDEH 071911

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 11/01/2017
Action: Notification - Public Notice of Case Closure

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 03/19/2018
Action: Closure/No Further Action Letter

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 07/01/2017
Action: File review - #RCDEH site summary

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: Other
Date: 01/04/1993
Action: Leak Discovery

Global Id: T0606500307
Action Type: RESPONSE
Date: 10/15/2011
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 07/15/2011
Action: Monitoring Report - Quarterly

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

NANDINA LIQUOR/TEXACO (Continued)

S101631120

Global Id:	T0606500307
Action Type:	RESPONSE
Date:	02/26/2018
Action:	Well Destruction Report
Global Id:	T0606500307
Action Type:	ENFORCEMENT
Date:	11/30/2011
Action:	Staff Letter - #RCDEH 113011
Global Id:	T0606500307
Action Type:	RESPONSE
Date:	04/15/2011
Action:	Monitoring Report - Annually
Global Id:	T0606500307
Action Type:	RESPONSE
Date:	01/16/2012
Action:	Other Report / Document
Global Id:	T0606500307
Action Type:	ENFORCEMENT
Date:	08/15/2017
Action:	Staff Letter
Global Id:	T0606500307
Action Type:	ENFORCEMENT
Date:	01/05/2016
Action:	Site Visit / Inspection / Sampling
Global Id:	T0606500307
Action Type:	RESPONSE
Date:	01/15/2012
Action:	Monitoring Report - Quarterly
Global Id:	T0606500307
Action Type:	RESPONSE
Date:	02/17/2012
Action:	Well Installation Report
Global Id:	T0606500307
Action Type:	RESPONSE
Date:	08/09/2017
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0606500307
Action Type:	RESPONSE
Date:	07/15/2013
Action:	Monitoring Report - Quarterly
Global Id:	T0606500307
Action Type:	REMEDIATION
Date:	03/01/2004
Action:	Free Product Removal
Global Id:	T0606500307
Action Type:	RESPONSE

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MAP FINDINGS

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NANDINA LIQUOR/TEXACO (Continued)

S101631120

Date: 04/22/2014
Action: Correspondence

Global Id: T0606500307
Action Type: RESPONSE
Date: 10/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: REMEDIATION
Date: 12/21/2000
Action: Excavation

Global Id: T0606500307
Action Type: REMEDIATION
Date: 07/23/2008
Action: In Situ Physical/Chemical Treatment (other than SVE)

Global Id: T0606500307
Action Type: RESPONSE
Date: 07/02/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/15/2013
Action: Request for Closure - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/04/2013
Action: Interim Remedial Action Plan - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/04/2013
Action: Request for Closure - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE
Date: 12/20/2013
Action: Other Report / Document - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE
Date: 09/12/2013
Action: Other Workplan - Regulator Responded

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 07/31/2009
Action: Staff Letter - #RCDEH073109

Global Id: T0606500307
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Quarterly

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MAP FINDINGS

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EPA ID Number

NANDINA LIQUOR/TEXACO (Continued)

S101631120

Global Id:	T0606500307
Action Type:	RESPONSE
Date:	04/15/2012
Action:	Monitoring Report - Annually
Global Id:	T0606500307
Action Type:	RESPONSE
Date:	02/06/2012
Action:	Clean Up Fund - 5-Year Review Summary
Global Id:	T0606500307
Action Type:	Other
Date:	12/21/1992
Action:	Leak Stopped
Global Id:	T0606500307
Action Type:	ENFORCEMENT
Date:	02/09/2017
Action:	Staff Letter
Global Id:	T0606500307
Action Type:	ENFORCEMENT
Date:	05/23/2016
Action:	Clean Up Fund - Letter to RP
Global Id:	T0606500307
Action Type:	RESPONSE
Date:	07/30/2017
Action:	Soil Vapor Intrusion Investigation Workplan - Regulator Responded
Global Id:	T0606500307
Action Type:	RESPONSE
Date:	04/15/2012
Action:	Monitoring Report - Quarterly
Global Id:	T0606500307
Action Type:	ENFORCEMENT
Date:	10/11/2006
Action:	Staff Letter - #101106
Global Id:	T0606500307
Action Type:	ENFORCEMENT
Date:	08/19/2008
Action:	File review
Global Id:	T0606500307
Action Type:	Other
Date:	01/05/1993
Action:	Leak Reported
Global Id:	T0606500307
Action Type:	RESPONSE
Date:	10/03/2017
Action:	Monitoring Report - Semi-Annually
Global Id:	T0606500307
Action Type:	ENFORCEMENT

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NANDINA LIQUOR/TEXACO (Continued)

S101631120

Date: 02/08/2008
Action: File review

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 10/24/2008
Action: Technical Correspondence / Assistance / Other

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 04/25/2014
Action: Technical Correspondence / Assistance / Other

Global Id: T0606500307
Action Type: ENFORCEMENT
Date: 08/12/2016
Action: File review - #RCDEH uploaded site file 8/12/2016

Global Id: T0606500307
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0606500307
Action Type: RESPONSE
Date: 11/26/2006
Action: Other Report / Document

Global Id: T0606500307
Action Type: RESPONSE
Date: 07/05/2017
Action: Monitoring Report - Other

Global Id: T0606500307
Action Type: RESPONSE
Date: 10/15/2017
Action: Request for Closure - Regulator Responded

Global Id: T0606500307
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0606500307
Status: Open - Case Begin Date
Status Date: 12/21/1992

Global Id: T0606500307
Status: Open - Remediation
Status Date: 12/21/1992

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NANDINA LIQUOR/TEXACO (Continued)

S101631120

Global Id: T0606500307
Status: Open - Site Assessment
Status Date: 01/04/1993

Global Id: T0606500307
Status: Open - Site Assessment
Status Date: 01/22/1999

Global Id: T0606500307
Status: Open - Remediation
Status Date: 06/20/2005

Global Id: T0606500307
Status: Open - Verification Monitoring
Status Date: 06/20/2005

Global Id: T0606500307
Status: Completed - Case Closed
Status Date: 03/19/2018

RIVERSIDE CO. LUST:

Region: RIVERSIDE
Facility ID: 93025
Employee: Shurlow-LOP
Site Closed: Referred to Water Board
Case Type: Drinking Water Aquifer affected
Facility Status: closed/action completed
Casetype Decode: An Aquifer used for Drinking Water supply has been contaminated.
Fstatus Decode: Closed/Action completed

SWEEPS UST:

Status: Active
Comp Number: 58511
Number: 1
Board Of Equalization: 44-018401
Referral Date: 06-14-90
Action Date: 06-14-90
Created Date: 03-28-89
Owner Tank Id: 001600
SWRCB Tank Id: 33-000-058511-000001
Tank Status: A
Capacity: 100
Active Date: 06-14-90
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: 7

Status: Active
Comp Number: 58511
Number: 1
Board Of Equalization: 44-018401
Referral Date: 06-14-90
Action Date: 06-14-90
Created Date: 03-28-89

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Database(s)

EDR ID Number
EPA ID Number

NANDINA LIQUOR/TEXACO (Continued)

S101631120

Owner Tank Id: 001600
SWRCB Tank Id: 33-000-058511-000002
Tank Status: A
Capacity: 100
Active Date: 06-14-90
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Active
Comp Number: 58511
Number: 1
Board Of Equalization: 44-018401
Referral Date: 06-14-90
Action Date: 06-14-90
Created Date: 03-28-89
Owner Tank Id: 001600
SWRCB Tank Id: 33-000-058511-000003
Tank Status: A
Capacity: 100
Active Date: 06-14-90
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Active
Comp Number: 58511
Number: 1
Board Of Equalization: 44-018401
Referral Date: 06-14-90
Action Date: 06-14-90
Created Date: 03-28-89
Owner Tank Id: 001600
SWRCB Tank Id: 33-000-058511-000004
Tank Status: A
Capacity: 100
Active Date: 06-14-90
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Active
Comp Number: 58511
Number: 1
Board Of Equalization: 44-018401
Referral Date: 06-14-90
Action Date: 06-14-90
Created Date: 03-28-89
Owner Tank Id: 001600
SWRCB Tank Id: 33-000-058511-000005
Tank Status: A
Capacity: 100
Active Date: 06-14-90
Tank Use: UNKNOWN

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

NANDINA LIQUOR/TEXACO (Continued)

S101631120

STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Active
Comp Number: 58511
Number: 1
Board Of Equalization: 44-018401
Referral Date: 06-14-90
Action Date: 06-14-90
Created Date: 03-28-89
Owner Tank Id: 001600
SWRCB Tank Id: 33-000-058511-000006
Tank Status: A
Capacity: 100
Active Date: 06-14-90
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Active
Comp Number: 58511
Number: 1
Board Of Equalization: 44-018401
Referral Date: 06-14-90
Action Date: 06-14-90
Created Date: 03-28-89
Owner Tank Id: 001600
SWRCB Tank Id: 33-000-058511-000007
Tank Status: A
Capacity: 100
Active Date: 06-14-90
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

CA FID UST:

Facility ID: 33000360
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7149437075
Mail To: Not reported
Mailing Address: 1569 NANDINA AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: PERRIS 92370
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NANDINA LIQUOR/TEXACO (Continued)

S101631120

HIST CORTESE:
 Region: CORTESE
 Facility County Code: 33
 Reg By: LTNKA
 Reg Id: 083302212T

B9
SE
 1/4-1/2
 0.335 mi.
 1768 ft.

PULLIAM FAMILY TRUST
1569 NANDINA AVE
PERRIS, CA 92571
 Site 2 of 2 in cluster B

LUST S105850475
N/A

Relative:
Lower
Actual:
1516 ft.

LUST REG 8:
 Region: 8
 County: Riverside
 Regional Board: Santa Ana Region
 Facility Status: Preliminary site assessment workplan submitted
 Case Number: 083302212T
 Local Case Num: 93025
 Case Type: Soil only
 Substance: Diesel
 Qty Leaked: Not reported
 Abate Method: Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming)
 Cross Street: HWY 215
 Enf Type: Not reported
 Funding: Not reported
 How Discovered: Tank Closure
 How Stopped: Not reported
 Leak Cause: UNK
 Leak Source: UNK
 Global ID: T0606500307
 How Stopped Date: 12/21/1992
 Enter Date: 3/17/1993
 Date Confirmation of Leak Began: 1/4/1993
 Date Preliminary Assessment Began: Not reported
 Discover Date: 1/4/1993
 Enforcement Date: Not reported
 Close Date: Not reported
 Date Prelim Assessment Workplan Submitted: 1/1/1965
 Date Pollution Characterization Began: Not reported
 Date Remediation Plan Submitted: Not reported
 Date Remedial Action Underway: Not reported
 Date Post Remedial Action Monitoring: Not reported
 Enter Date: 3/17/1993
 GW Qualifies: Not reported
 Soil Qualifies: Not reported
 Operator: Not reported
 Facility Contact: Not reported
 Interim: Not reported
 Oversight Program: LUST
 Latitude: 33.8444924
 Longitude: -117.2222335
 MTBE Date: Not reported
 Max MTBE GW: Not reported
 MTBE Concentration: 0
 Max MTBE Soil: Not reported

Map ID
 Direction
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 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

PULLIAM FAMILY TRUST (Continued)

S105850475

MTBE Fuel: 0
 MTBE Tested: Not Required to be Tested.
 MTBE Class: *
 Staff: CAB
 Staff Initials: UNK
 Lead Agency: Local Agency
 Local Agency: 33000L
 Hydr Basin #: SAN JACINTO (8-5)
 Beneficial: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Work Suspended: Not reported
 Summary: Not reported

10
NNE
1/4-1/2
0.340 mi.
1795 ft.

MARCH AIR FORCE BASE - SITE 24
7,123 ACRES; EAST OF RIVERSIDE, CA
RIVERSIDE, CA 92518

RESPONSE **S101272803**
ENVIROSTOR **N/A**
HIST Cal-Sites

Relative:
Lower
Actual:
1521 ft.

RESPONSE:
 Facility ID: 33350014
 Site Type: State Response
 Site Type Detail: Closed Base
 Acres: 4
 National Priorities List: NO
 Cleanup Oversight Agencies: US EPA
 Lead Agency Description: US EPA
 Project Manager: Not reported
 Supervisor: Manny Alonzo
 Division Branch: Cleanup Cypress
 Site Code: Not reported
 Site Mgmt. Req.: NONE SPECIFIED
 Assembly: 61
 Senate: 31
 Special Program Status: Not reported
 Status: Certified
 Status Date: 05/01/1986
 Restricted Use: NO
 Funding: * Defense Environmental Restoration Program (DERP)
 Latitude: 33.8676
 Longitude: -117.2636
 APN: NONE SPECIFIED
 Past Use: INCINERATOR - OTHER
 Potential COC : NONE SPECIFIED
 Confirmed COC: 31000-NO
 Potential Description: OTH, SOIL
 Alias Name: 110033608647
 Alias Type: EPA (FRS #)
 Alias Name: DOD100278600
 Alias Type: GeoTracker Global ID
 Alias Name: DOD100278800
 Alias Type: GeoTracker Global ID
 Alias Name: DOD100280300
 Alias Type: GeoTracker Global ID
 Alias Name: DOD100280500
 Alias Type: GeoTracker Global ID
 Alias Name: DOD100281800

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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE - SITE 24 (Continued)

S101272803

Alias Type: GeoTracker Global ID
Alias Name: DOD100281900
Alias Type: GeoTracker Global ID
Alias Name: DOD100282000
Alias Type: GeoTracker Global ID
Alias Name: DOD100282100
Alias Type: GeoTracker Global ID
Alias Name: DOD100283700
Alias Type: GeoTracker Global ID
Alias Name: DOD100285000
Alias Type: GeoTracker Global ID
Alias Name: DOD100285100
Alias Type: GeoTracker Global ID
Alias Name: DOD100285200
Alias Type: GeoTracker Global ID
Alias Name: DOD100286600
Alias Type: GeoTracker Global ID
Alias Name: DOD100288200
Alias Type: GeoTracker Global ID
Alias Name: DOD100288300
Alias Type: GeoTracker Global ID
Alias Name: DOD100290000
Alias Type: GeoTracker Global ID
Alias Name: DOD100291300
Alias Type: GeoTracker Global ID
Alias Name: DOD100291400
Alias Type: GeoTracker Global ID
Alias Name: DOD100291500
Alias Type: GeoTracker Global ID
Alias Name: DOD100291600
Alias Type: GeoTracker Global ID
Alias Name: DOD100319500
Alias Type: GeoTracker Global ID
Alias Name: DOD100319700
Alias Type: GeoTracker Global ID
Alias Name: T0606500618
Alias Type: GeoTracker Global ID
Alias Name: 33350014
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE24
Completed Document Type: Feasibility Study Report
Completed Date: 09/22/1995
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE24
Completed Document Type: Certification
Completed Date: 07/22/1996
Comments: Not reported

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

Map ID
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MAP FINDINGS

Site

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EPA ID Number

MARCH AIR FORCE BASE - SITE 24 (Continued)

S101272803

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

Facility ID: 33970003
Site Type: State Response
Site Type Detail: Closed Base
Acres: 18
National Priorities List: NO
Cleanup Oversight Agencies: US EPA
Lead Agency Description: US EPA
Project Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Site Code: Not reported
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 61
Senate: 31
Special Program Status: Not reported
Status: Certified
Status Date: 10/04/1995
Restricted Use: NO
Funding: * Defense Environmental Restoration Program (DERP)
Latitude: 33.88333
Longitude: -117.2630
APN: NONE SPECIFIED
Past Use: LANDFILL - DOMESTIC
Potential COC : * Asbestos and Naturally Occurring Asbestos (NOA)
Confirmed COC: * Asbestos and Naturally Occurring Asbestos (NOA)
Potential Description: OTH, SOIL
Alias Name: ALESSANDRO AVIATION FIELD
Alias Type: Alternate Name
Alias Name: 110033608656
Alias Type: EPA (FRS #)
Alias Name: 33970003
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE40
Completed Document Type: Certification
Completed Date: 10/04/1995
Comments: Certification - Confirmation sampling has shown the soil to be suitable for unrestricted use. DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE40
Completed Document Type: Removal Action Completion Report
Completed Date: 06/28/1995
Comments: Removal Action (RA) - The primary objective of this time- critical RA was to prevent potential contamination of the surface and storm water in the channel due to exposure to drums and debris buried in the channel bed. Field execution of the RA resulted in removing approximately 70 5-gallon to 20-gallon decomposed drums filled with

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Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE - SITE 24 (Continued)

S101272803

sodium hydroxide and 30 55 gallon drums filled with roofing tar, asphalt solids and waste, and oil grease solids. Approximately 200 cubic yards of contaminated overburden material extending above and to the sides of the drums, in addition to the drums, were combined in 85 gallon overpack drums and transported off site for treatment/stabilization in lined end-dumps at the Landlaw Environmental. Approximately 14 tons of debris containing non-friable asbestos as less than 10% by total weight were placed in a lined roll-off box and transported off-site to BDC Services, Inc. for disposal. In addition, approximately 6,800 cubic yards of non hazardous materials (consisting of soil and debris) were transported to IRP Site 6a. As part of Site 40 restoration, the water's elevation in the pond was raised by installing a concrete weir at the outlet of the pond. Each site location, including the creek bed, was restored. Vegetation destroyed during construction was replaced with California native plants. This RA, at Site 40, is undertaken as part of the ongoing long term remedial actions (RI/FS OU-2). 100 drums, 200 cubic yards of contaminated soil, 14 tons of non-friable asbestos debris, and 6,800 cubic yards of non-hazardous materials were removed.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE40
Completed Document Type: Feasibility Study Report
Completed Date: 10/13/1994
Comments: RI/FS - This RI/FS was completed via an EECA for Site 40 which DTSC approved on October 13, 1994. Site 40 is a former landfill used for disposing military wastes. It is approximately 18 acres and the central portion of the property consists of a pond which accumulates surface run-off. There are drums buried at this landfill that appear to contain a mixture of chemicals, clothing, and domestic refuse. The Air Force will: 1) excavate buried drums and other solid waste from the creek bed to prepare subgrade for the liner. Containerized waste will be segregated, sampled and characterized for disposal, 2) construct a new channel, 3) raise the water level in the pond by constructing a weir, 4) trench at three areas outside of the original excavation area which responded positively during the magnetometer survey, 5) engineer the drainage inlet and outlet to limit contact between the water in the pond and the remaining contaminants, if any. Approximate cost = not available; funding = BRAC

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

ENVIROSTOR:
Facility ID: 33970003
Status: Certified
Status Date: 10/04/1995
Site Code: Not reported
Site Type: State Response
Site Type Detailed: Closed Base

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE - SITE 24 (Continued)

S101272803

Acres: 18
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress
Assembly: 61
Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: * Defense Environmental Restoration Program (DERP)
Latitude: 33.88333
Longitude: -117.2630
APN: NONE SPECIFIED
Past Use: LANDFILL - DOMESTIC
Potential COC: * Asbestos and Naturally Occurring Asbestos (NOA)
Confirmed COC: * Asbestos and Naturally Occurring Asbestos (NOA)
Potential Description: OTH, SOIL
Alias Name: ALESSANDRO AVIATION FIELD
Alias Type: Alternate Name
Alias Name: 110033608656
Alias Type: EPA (FRS #)
Alias Name: 33970003
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE40
Completed Document Type: Certification
Completed Date: 10/04/1995
Comments: Certification - Confirmation sampling has shown the soil to be suitable for unrestricted use. DTSC has determined that all appropriate response actions have been completed, that all acceptable engineering practices were implemented and that no further removal/remedial action is necessary.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE40
Completed Document Type: Removal Action Completion Report
Completed Date: 06/28/1995
Comments: Removal Action (RA) - The primary objective of this time- critical RA was to prevent potential contamination of the surface and storm water in the channel due to exposure to drums and debris buried in the channel bed. Field execution of the RA resulted in removing approximately 70 5-gallon to 20-gallon decomposed drums filled with sodium hydroxide and 30 55 gallon drums filled with roofing tar, asphalt solids and waste, and oil grease solids. Approximately 200 cubic yards of contaminated overburden material extending above and to the sides of the drums, in addition to the drums, were combined in 85 gallon overpack drums and transported off site for treatment/stabilization in lined end-dumps at the Landlaw Environmental. Approximately 14 tons of debris containing non-friable asbestos as less than 10% by total weight were placed in a lined roll-off box and transported off-site to BDC Services, Inc. for disposal. In addition, approximately 6,800 cubic yards of non hazardous materials (consisting of soil and debris) were transported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE - SITE 24 (Continued)

S101272803

to IRP Site 6a. As part of Site 40 restoration, the water's elevation in the pond was raised by installing a concrete weir at the outlet of the pond. Each site location, including the creek bed, was restored. Vegetation destroyed during construction was replaced with California native plants. This RA, at Site 40, is undertaken as part of the ongoing long term remedial actions (RI/FS OU-2). 100 drums, 200 cubic yards of contaminated soil, 14 tons of non-friable asbestos debris, and 6,800 cubic yards of non-hazardous materials were removed.

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE40
Completed Document Type: Feasibility Study Report
Completed Date: 10/13/1994
Comments: RI/FS - This RI/FS was completed via an EECA for Site 40 which DTSC approved on October 13, 1994. Site 40 is a former landfill used for disposing military wastes. It is approximately 18 acres and the central portion of the property consists of a pond which accumulates surface run-off. There are drums buried at this landfill that appear to contain a mixture of chemicals, clothing, and domestic refuse. The Air Force will: 1) excavate buried drums and other solid waste from the creek bed to prepare subgrade for the liner. Containerized waste will be segregated, sampled and characterized for disposal, 2) construct a new channel, 3) raise the water level in the pond by constructing a weir, 4) trench at three areas outside of the original excavation area which responded positively during the magnetometer survey, 5) engineer the drainage inlet and outlet to limit contact between the water in the pond and the remaining contaminants, if any. Approximate cost = not available; funding = BRAC

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

Facility ID: 33350014
Status: Certified
Status Date: 05/01/1986
Site Code: Not reported
Site Type: State Response
Site Type Detailed: Closed Base
Acres: 4
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Manny Alonzo
Division Branch: Cleanup Cypress
Assembly: 61
Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE - SITE 24 (Continued)

S101272803

Funding: * Defense Environmental Restoration Program (DERP)
Latitude: 33.8676
Longitude: -117.2636
APN: NONE SPECIFIED
Past Use: INCINERATOR - OTHER
Potential COC: NONE SPECIFIED
Confirmed COC: 31000-NO
Potential Description: OTH, SOIL
Alias Name: 110033608647
Alias Type: EPA (FRS #)
Alias Name: DOD100278600
Alias Type: GeoTracker Global ID
Alias Name: DOD100278800
Alias Type: GeoTracker Global ID
Alias Name: DOD100280300
Alias Type: GeoTracker Global ID
Alias Name: DOD100280500
Alias Type: GeoTracker Global ID
Alias Name: DOD100281800
Alias Type: GeoTracker Global ID
Alias Name: DOD100281900
Alias Type: GeoTracker Global ID
Alias Name: DOD100282000
Alias Type: GeoTracker Global ID
Alias Name: DOD100282100
Alias Type: GeoTracker Global ID
Alias Name: DOD100283700
Alias Type: GeoTracker Global ID
Alias Name: DOD100285000
Alias Type: GeoTracker Global ID
Alias Name: DOD100285100
Alias Type: GeoTracker Global ID
Alias Name: DOD100285200
Alias Type: GeoTracker Global ID
Alias Name: DOD100286600
Alias Type: GeoTracker Global ID
Alias Name: DOD100288200
Alias Type: GeoTracker Global ID
Alias Name: DOD100288300
Alias Type: GeoTracker Global ID
Alias Name: DOD100290000
Alias Type: GeoTracker Global ID
Alias Name: DOD100291300
Alias Type: GeoTracker Global ID
Alias Name: DOD100291400
Alias Type: GeoTracker Global ID
Alias Name: DOD100291500
Alias Type: GeoTracker Global ID
Alias Name: DOD100291600
Alias Type: GeoTracker Global ID
Alias Name: DOD100319500
Alias Type: GeoTracker Global ID
Alias Name: DOD100319700
Alias Type: GeoTracker Global ID
Alias Name: T0606500618
Alias Type: GeoTracker Global ID
Alias Name: 33350014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE - SITE 24 (Continued)

S101272803

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE24
Completed Document Type: Feasibility Study Report
Completed Date: 09/22/1995
Comments: Not reported

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: STE24
Completed Document Type: Certification
Completed Date: 07/22/1996
Comments: Not reported

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

Calsite:

Region: GLENDALE
Facility ID: 33350014
Facility Type: CLOSE
Type: CLOSED MILITARY BASE
Branch: SO
Branch Name: OMF-SOUTHERN CALIF
File Name: Not reported
State Senate District: 05011986
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED
Lead Agency: ENVIRONMENTAL PROTECTION AGENCY
NPL: Not Listed
SIC Code: 35
SIC Name: MANU - INDUSTRIAL MACHINERY & EQUIPMENT
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Confirmed
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Region Water Control Board Name: Not reported
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 64
State Senate District Code: 36
Facility ID: 33350014
Activity: RIFS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE - SITE 24 (Continued)

S101272803

Activity Name: REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code: STE24
Proposed Budget: 0
AWP Completion Date: 09221995
Revised Due Date: Not reported
Comments Date: 09221995
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: CERT
Definition of Status: CERTIFIED
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 33350014
Activity: CERT
Activity Name: CERTIFICATION
AWP Code: STE24
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 07221996
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: CERT
Definition of Status: CERTIFIED
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 7,123 ACRES; EAST OF RIVERSIDE, CA
Alternate City,St,Zip: RIVERSIDE, CA 92518
Alternate Address: 7,123; EAST OF RIVERSIDE, CA
Alternate City,St,Zip: RIVERSIDE, CA 92518
Background Info: Not reported
Comments Date: Not reported
Comments: Not reported
ID Name: Not reported
ID Value: Not reported
Alternate Name: MARCH AIR FORCE BASE - SITE 24
Alternate Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AIR FORCE BASE - SITE 24 (Continued)

S101272803

Special Programs Code: Not reported
Special Programs Name: Not reported

**C11
SE
1/4-1/2
0.349 mi.
1843 ft.**

**EMPIRE TRACTOR
1480 NANDINA AVE
PERRIS, CA 92571
Site 1 of 2 in cluster C**

**LUST S104164590
N/A**

**Relative:
Lower
Actual:
1509 ft.**

LUST:
Lead Agency: RIVERSIDE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606500575
Global Id: T0606500575
Latitude: 33.8671188104111
Longitude: -117.258709195107
Status: Completed - Case Closed
Status Date: 01/09/2002
Case Worker: SCB
RB Case Number: 083303385T
Local Agency: RIVERSIDE COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 9914949
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0606500575
Contact Type: Local Agency Caseworker
Contact Name: SHARON BOLTINGHOUSE
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200
City: RIVERSIDE
Email: sbolting@rivco.org
Phone Number: 9519558980

Global Id: T0606500575
Contact Type: Regional Board Caseworker
Contact Name: TOM E. MBEKE-EKANEM
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: tmbeke-ekanem@waterboards.ca.gov
Phone Number: 9513202007

LUST:
Global Id: T0606500575
Action Type: Other
Date: 02/28/1999
Action: Leak Stopped

Global Id: T0606500575
Action Type: Other
Date: 02/23/1999
Action: Leak Discovery

Global Id: T0606500575

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

EMPIRE TRACTOR (Continued)

S104164590

Action Type: ENFORCEMENT
 Date: 04/01/2009
 Action: File review - #RCDEH Upload Site File 3/11/2015

Global Id: T0606500575
 Action Type: Other
 Date: 02/23/1999
 Action: Leak Reported

Global Id: T0606500575
 Action Type: ENFORCEMENT
 Date: 04/02/2009
 Action: Closure/No Further Action Letter - #Site Closure

LUST:

Global Id: T0606500575
 Status: Open - Case Begin Date
 Status Date: 02/23/1999

Global Id: T0606500575
 Status: Completed - Case Closed
 Status Date: 01/09/2002

RIVERSIDE CO. LUST:

Region: RIVERSIDE
 Facility ID: 9914949
 Employee: Boltinghous-LOP
 Site Closed: Yes
 Case Type: Soil only
 Facility Status: closed/action completed
 Casetype Decode: Soil only is impacted
 Fstatus Decode: Closed/Action completed

**C12
 SE
 1/4-1/2
 0.349 mi.
 1843 ft.**

**EMPIRE TRACTOR
 1480 NANDINA AVE
 PERRIS, CA 92571
 Site 2 of 2 in cluster C**

**LUST S104753651
 HIST CORTESE N/A**

**Relative:
 Lower
 Actual:
 1509 ft.**

LUST REG 8:
 Region: 8
 County: Riverside
 Regional Board: Santa Ana Region
 Facility Status: Leak being confirmed
 Case Number: 083303385T
 Local Case Num: 9914949
 Case Type: Soil only
 Substance: Waste Oil
 Qty Leaked: Not reported
 Abate Method: Not reported
 Cross Street: NALINI
 Enf Type: Not reported
 Funding: Not reported
 How Discovered: Tank Closure
 How Stopped: Not reported
 Leak Cause: UNK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EMPIRE TRACTOR (Continued)

S104753651

Leak Source: UNK
Global ID: T0606500575
How Stopped Date: 2/28/1999
Enter Date: 3/22/1999
Date Confirmation of Leak Began: 1/1/1965
Date Preliminary Assessment Began: Not reported
Discover Date: 2/23/1999
Enforcement Date: Not reported
Close Date: Not reported
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported
Enter Date: 3/22/1999
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.8444924
Longitude: -117.2222335
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: 0
MTBE Tested: Not Required to be Tested.
MTBE Class: *
Staff: TME
Staff Initials: UNK
Lead Agency: Local Agency
Local Agency: 33000L
Hydr Basin #: SAN JACINTO (8-5)
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 083303385T

13
North
1/4-1/2
0.468 mi.
2470 ft.

MAFB-BLDG 3407
BLDG 3407
MAFB, CA

LUST S110654961
N/A

Relative:
Lower
Actual:
1534 ft.

LUST:
Lead Agency: RIVERSIDE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0606592292

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MAFB-BLDG 3407 (Continued)

S110654961

Global Id: T0606592292
Latitude: 33.8960671795217
Longitude: -117.270469665527
Status: Completed - Case Closed
Status Date: 07/25/1996
Case Worker: SCB
RB Case Number: Not reported
Local Agency: RIVERSIDE COUNTY LOP
File Location: Local Agency Warehouse
Local Case Number: 94742
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:

Global Id: T0606592292
Contact Type: Regional Board Caseworker
Contact Name: NONE
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: Not reported
City: RIVERSIDE
Email: Not reported
Phone Number: Not reported

Global Id: T0606592292
Contact Type: Local Agency Caseworker
Contact Name: SHARON BOLTINGHOUSE
Organization Name: RIVERSIDE COUNTY LOP
Address: 3880 LEMON ST SUITE 200
City: RIVERSIDE
Email: sbolting@rivco.org
Phone Number: 9519558980

LUST:

Global Id: T0606592292
Action Type: Other
Date: 01/17/1991
Action: Leak Discovery

Global Id: T0606592292
Action Type: ENFORCEMENT
Date: 07/24/1996
Action: File review - #RCDEH Upload Site File 6/15/2010

Global Id: T0606592292
Action Type: REMEDIATION
Date: 03/14/1996
Action: Other (Use Description Field)

Global Id: T0606592292
Action Type: Other
Date: 01/17/1991
Action: Leak Stopped

Global Id: T0606592292
Action Type: ENFORCEMENT
Date: 07/25/1996

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MAFB-BLDG 3407 (Continued)

S110654961

Action: Closure/No Further Action Letter - #RCDEH72596

Global Id: T0606592292
 Action Type: Other
 Date: 08/30/1994
 Action: Leak Reported

LUST:

Global Id: T0606592292
 Status: Open - Case Begin Date
 Status Date: 01/17/1991

Global Id: T0606592292
 Status: Open - Site Assessment
 Status Date: 08/30/1994

Global Id: T0606592292
 Status: Open - Remediation
 Status Date: 03/14/1996

Global Id: T0606592292
 Status: Completed - Case Closed
 Status Date: 07/25/1996

14
WSW
1/2-1
0.597 mi.
3153 ft.

MARCH AFB
(1.25 MILES SOUTH OF)
ALESSANDRO, CA

ENVIROSTOR S107736668
N/A

Relative:
Higher
Actual:
1606 ft.

ENVIROSTOR:

Facility ID: 80001157
 Status: Inactive - Needs Evaluation
 Status Date: 07/01/2005
 Site Code: Not reported
 Site Type: Military Evaluation
 Site Type Detailed: FUDS
 Acres: Not reported
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Not reported
 Supervisor: Douglas Bautista
 Division Branch: Cleanup Cypress
 Assembly: 61
 Senate: 31
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: DERA
 Latitude: 33.87083
 Longitude: -117.2777
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH AFB (Continued)

S107736668

Potential Description: NONE SPECIFIED
Alias Name: CA99799FA48900
Alias Type: Federal Facility ID
Alias Name: J09CA7463
Alias Type: INPR
Alias Name: 80001157
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

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

15
West
1/2-1
0.673 mi.
3554 ft.

**FORMER SKEET RANGE
RIVERSIDE, CA**

**UXO 1018153476
N/A**

**Relative:
Higher
Actual:
1603 ft.**

UXO:
DoD Component: Air Force
Installation Name: MARCH
Facility Address 2: Not reported
Site ID: SR400
Site Type: Small Arms Range
Latitude: 33.875259
Longitude: -117.280197

DoD Component: Air Force
Installation Name: WILLIAMS
Facility Address 2: Not reported
Site ID: SR400
Site Type: Small Arms Range
Latitude: 33.298997
Longitude: -111.679386

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

16
NNE
1/2-1
0.705 mi.
3720 ft.

MARCH FIELD
OTHER, CA

FUDS 1007212253
N/A

Relative:
Lower
Actual:
1520 ft.

FUDS:
 EPA Region: 09
 Congressional District: 41
 FUDS Number: J09CA7168
 State: CA
 Facility Name: MARCH FIELD
 Fiscal Year: 2013
 City: OTHER
 Federal Facility ID: CA9799F9991
 Telephone: 213-452-3920
 INST ID: 53630
 County: RIVERSIDE
 RAB: Not reported
 CORPS_DIST: Los Angeles District (SPL)
 NPL Status: Not Listed
 CTC: 2208.1999999999998
 Current Owner: Other
 Future Prog: Not reported
 Description: March Field is located in Riverside County, CA approximately 10 miles south of the City of Riverside and immediately south of the City of Moreno Valley.
 Current Program: Not reported
 History: The U.S. Army acquired use of 640 acres in 1918 and established March Field. Initially, the airfield was used for primary flight training. During WWII, the airfield was used for bomber training. The Army Air Corps leased a total of 654.61 acres immediately north of the base. Skeet and shotgun ranges were established on the center portion of this parcel. No ordnance debris is known to have been discovered in this area, but remains of clay pigeons are abundant. Based on available documentation, the eastern and western ends of this parcel were inactive during the entire lease period. None of the military improvements remain and portions of the parcel, especially the western half, have undergone commercial development. Two parcels on the south side of the base, one 4.28ac. and the other 4.90ac., were acquired during runway expansion but never used. No military improvements were ever constructed on either parcel. They are now open field and idle. A 0.14-acre parcel was quitclaimed to a local utility company on 4 Jan 1944.
 Latitude Degree: 33
 Latitude Minute: 55
 Latitude Second: 50
 Latitude Direction: N
 Longitude Degree: -117
 Longitude Minute: 16
 Longitude Second: 43
 Longitude Direction: E
FUDS:
 Inst ID: 53630
 FUDS Number: J09CA7168
 Facility Name: MARCH FIELD
 PHASE: 4
 ARC: Y
 DIST: SPL

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MARCH FIELD (Continued)

1007212253

MMRP: Y
MRA ID: J09CA716801R01

FUDS:

Inst ID: 53630
FUDS Number: J09CA7168
Facility Name: MARCH FIELD
PHASE: 4
Site ID: 01
DIST: SPL
MMRP: Y
MRA ID: J09CA716801R01
PROJ NO: J09CA716801

17
NNW
1/2-1
0.962 mi.
5079 ft.

MCLANE FOOD SERVICE
14813 MERIDIAN PARWAY
RIVERSIDE, CA 92518

Notify 65 S118152736
N/A

Relative:
Higher
Actual:
1585 ft.

NOTIFY 65:
Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

Count: 9 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
RIVERSIDE	S107538951		CENTRAL AVENUE AND CHICAGO, IN		CDL
RIVERSIDE	S111828906	VAN BUREN COMMERCIAL CENTER	SOUTHEAST CORNER OF GAMBLE AVE	92508	NPDES
RIVERSIDE	1023694682	VAN BUREN COMMERCIAL CENTER	SOUTHEAST CORNER OF GAMBLE AVE	92508	FINDS, ECHO
RIVERSIDE	S108985920	RIVERSIDE PLUME	N/A RIVERSIDE II BASIN		CPS-SLIC
RIVERSIDE	S108985921	UCR (PESTICIDE PITS)	N/A UNIVERSITY AVENUE		CPS-SLIC
RIVERSIDE	S121666963	RC FEEDER VAN BUREN PIPELINE	VAN BUREN BLVD DOOLITTLE AVE &		CIWQS
RIVERSIDE	S119088057	VAN BUREN BLVD. WIDENING PHASE 2	VAN BUREN BLVD.	92518	NPDES
RIVERSIDE	S121688179	VAN BUREN RULE 20A	VAN BUREN BLVD BARTON ST TO PL	92508	CIWQS
RIVERSIDE	S121614577	22495 VAN BUREN BLVD	22495 VAN BUREN BLVD	92508	CIWQS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 05/13/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: N/A
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 07/06/2018
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
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 05/13/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: N/A
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 07/06/2018
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	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 05/13/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: N/A
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 07/06/2018
Number of Days to Update: 23	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 07/06/2018
Number of Days to Update: 92	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	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 07/06/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 10/29/2018
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Date of Government Version: 05/18/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 07/06/2018
Number of Days to Update: 23	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	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/08/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 06/28/2018
Number of Days to Update: 86	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	Source: Department of the Navy
Date Data Arrived at EDR: 05/18/2018	Telephone: 843-820-7326
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/09/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/27/2018
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2018	Telephone: 703-603-0695
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/29/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/10/2018
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/27/2018	Telephone: 703-603-0695
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/29/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 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: 05/02/2018

Next Scheduled EDR Contact: 08/13/2018

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 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: 05/02/2018

Next Scheduled EDR Contact: 08/13/2018

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: 05/14/2018

Date Data Arrived at EDR: 05/16/2018

Date Made Active in Reports: 06/22/2018

Number of Days to Update: 37

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 05/16/2018

Next Scheduled EDR Contact: 08/27/2018

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: see region list
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 06/13/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

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

Date of Government Version: 02/14/2005	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	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	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	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	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	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	Source: EPA Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	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	Source: EPA, Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-7439
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	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	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

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 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 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 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-7591
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	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	Source: EPA, Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	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	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-9424
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	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	Source: EPA Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-6136
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015
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

INDIAN VCP R7: Voluntary Cleanup Priority Listing

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

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

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

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

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

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

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: 05/22/2018
Next Scheduled EDR Contact: 08/27/2018
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 Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/04/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 03/01/2018	Telephone: 202-307-1000
Date Made Active in Reports: 05/11/2018	Last EDR Contact: 05/30/2018
Number of Days to Update: 71	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	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	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	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 05/02/2018	Telephone: 916-323-3400
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 05/02/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 08/13/2018
	Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 06/30/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/18/2017	Telephone: 916-255-6504
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 07/05/2018
Number of Days to Update: 34	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 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: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
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: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
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: 07/06/2018
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 03/27/2018
Number of Days to Update: 73	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	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/24/2018	Telephone: 916-845-8400
Date Made Active in Reports: 06/14/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

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

Date of Government Version: 06/11/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
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: 05/15/2018
Next Scheduled EDR Contact: 08/27/2018
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 05/07/2018
Number of Days to Update: 88	Next Scheduled EDR Contact: 08/20/2018
	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 05/08/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 08/20/2018
	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	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 06/22/2018
Number of Days to Update: 198	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	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 05/25/2018
Number of Days to Update: 2	Next Scheduled EDR Contact: 09/03/2018
	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	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/27/2018
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: 703-416-0223
Date Made Active in Reports: 06/29/2018	Last EDR Contact: 07/06/2018
Number of Days to Update: 30	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/17/2017	Telephone: 202-564-8600
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 07/20/2018
Number of Days to Update: 21	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	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	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 07/06/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 07/13/2018
Number of Days to Update: 126	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 07/09/2018
Number of Days to Update: 79	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	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

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

MLTS: Material Licensing Tracking System

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

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 07/23/2018
Number of Days to Update: 43	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	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 06/07/2018
Number of Days to Update: 76	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 06/04/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

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

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 07/27/2018
Number of Days to Update: 15	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/05/2018	Telephone: 202-343-9775
Date Made Active in Reports: 06/29/2018	Last EDR Contact: 07/05/2018
Number of Days to Update: 85	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

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

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

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

DOT OPS: Incident and Accident Data

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

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 05/03/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 08/13/2018
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 06/28/2018
Next Scheduled EDR Contact: 09/03/2018
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: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
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: 05/18/2018
Next Scheduled EDR Contact: 09/03/2018
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: 07/06/2018
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 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
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: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
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: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Department of Interior
Date Data Arrived at EDR: 03/13/2018	Telephone: 202-208-2609
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 06/20/2018
Number of Days to Update: 87	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	Source: EPA
Date Data Arrived at EDR: 02/23/2018	Telephone: (415) 947-8000
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 28	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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/17/2018	Telephone: 202-564-2280
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 83	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

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

Date of Government Version: 01/04/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-564-0527
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 06/01/2018
Number of Days to Update: 84	Next Scheduled EDR Contact: 09/10/2018
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016	Source: Department of Defense
Date Data Arrived at EDR: 10/31/2017	Telephone: 703-704-1564
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 07/13/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 10/29/2018
	Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
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: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

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 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: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

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

Date of Government Version: 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: 05/07/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

DRYCLEAN AVAQMD: DRYCLEAN AVAQMD

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

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 52

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 36

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Annually

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: 06/11/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 147

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 Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/17/2018
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: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 Substances Control
Telephone: 877-786-9427
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
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: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
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: 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: 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: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Data Release Frequency: Varies

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: 05/16/2018
Next Scheduled EDR Contact: 08/27/2018
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: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

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: 03/23/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

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: Department 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
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

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

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/06/2018	Telephone: 866-794-4977
Date Made Active in Reports: 07/13/2018	Last EDR Contact: 06/06/2018
Number of Days to Update: 37	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/18/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/18/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	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	Source: State Water Resource Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/18/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	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	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 04/24/2018	Telephone: 916-323-2514
Date Made Active in Reports: 06/07/2018	Last EDR Contact: 07/25/2018
Number of Days to Update: 44	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/18/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

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

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

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

EDR Hist Auto: EDR Exclusive 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

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

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

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

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 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: 07/17/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

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 Facility List

Cupa Facility List

Date of Government Version: 03/31/2018
Date Data Arrived at EDR: 04/05/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 70

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 05/09/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 36

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 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: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

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

Date of Government Version: 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 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 Facility List CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/16/2018
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 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: 03/01/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 9

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 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 Facility List

CUPA facility list.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/30/2018
Number of Days to Update: 53

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

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:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

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

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

KERN COUNTY:

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: 08/20/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

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

Date of Government Version: 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: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 05/09/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 34

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 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: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

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

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: No Update Planned

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

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/16/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63

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

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 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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 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 Facility List

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

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/22/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 40

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MARIN COUNTY:

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 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: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MONO COUNTY:

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: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/13/2018
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:

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: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 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: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

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:

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: 08/20/2018
Data Release Frequency: Annually

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: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/02/2018	Source: Health Care Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 714-834-3446
Date Made Active in Reports: 07/10/2018	Last EDR Contact: 05/08/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 08/20/2018
	Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/31/2018	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 06/05/2018	Telephone: 530-745-2363
Date Made Active in Reports: 07/18/2018	Last EDR Contact: 05/31/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 09/17/2018
	Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 01/22/2018	Source: Plumas County Environmental Health
Date Data Arrived at EDR: 01/24/2018	Telephone: 530-283-6355
Date Made Active in Reports: 03/15/2018	Last EDR Contact: 07/17/2018
Number of Days to Update: 50	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/05/2018	Source: Department of Environmental Health
Date Data Arrived at EDR: 04/10/2018	Telephone: 951-358-5055
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/18/2018
Number of Days to Update: 24	Next Scheduled EDR Contact: 10/01/2018
	Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/05/2018	Source: Department of Environmental Health
Date Data Arrived at EDR: 04/10/2018	Telephone: 951-358-5055
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 06/18/2018
Number of Days to Update: 24	Next Scheduled EDR Contact: 10/01/2018
	Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 71

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

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: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 76

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 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: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits

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

Date of Government Version: 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: 04/06/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

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

Date of Government Version: 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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: 04/18/2018
Date Data Arrived at EDR: 04/23/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 11

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

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: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

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

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

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

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: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

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

Date of Government Version: 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:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

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

Date of Government Version: 03/14/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

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

Fuel Leak List

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

Date of Government Version: 03/15/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

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 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: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

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: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

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: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

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

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

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

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

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

Date of Government Version: 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: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

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: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Leaking Underground Storage Tank Sites

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

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/09/2018
Number of Days to Update: 33

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 Facility List

Cupa facility list

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 35

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

SUTTER COUNTY:

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: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

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: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List

Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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: 07/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

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:

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

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

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: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 03/26/2018	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 04/25/2018	Telephone: 805-654-2813
Date Made Active in Reports: 06/25/2018	Last EDR Contact: 07/23/2018
Number of Days to Update: 61	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Quarterly

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	Source: Environmental Health Division
Date Data Arrived at EDR: 06/13/2018	Telephone: 805-654-2813
Date Made Active in Reports: 07/11/2018	Last EDR Contact: 06/13/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 09/24/2018
	Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/20/2018	Source: Yolo County Department of Health
Date Data Arrived at EDR: 07/03/2018	Telephone: 530-666-8646
Date Made Active in Reports: 07/12/2018	Last EDR Contact: 06/27/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/15/2018
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/10/2018	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 05/15/2018	Telephone: 530-749-7523
Date Made Active in Reports: 06/15/2018	Last EDR Contact: 07/24/2018
Number of Days to Update: 31	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	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/14/2018	Telephone: 860-424-3375
Date Made Active in Reports: 03/22/2018	Last EDR Contact: 05/18/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 08/27/2018
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 107

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 facility.

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
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: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

VAN BUREN BOULEVARD
VAN BUREN BOULEVARD
MARCH AIR RESERVE BA, CA 92518

TARGET PROPERTY COORDINATES

Latitude (North): 33.873376 - 33° 52' 24.15"
Longitude (West): 117.266217 - 117° 15' 58.38"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 475378.4
UTM Y (Meters): 3747954.2
Elevation: 1536 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 5641312 RIVERSIDE EAST, CA
Version Date: 2012

Northeast Map: 5641326 SUNNYMEAD, CA
Version Date: 2012

Southeast Map: 5641330 PERRIS, CA
Version Date: 2012

Southwest Map: 5641324 STEELE PEAK, CA
Version Date: 2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

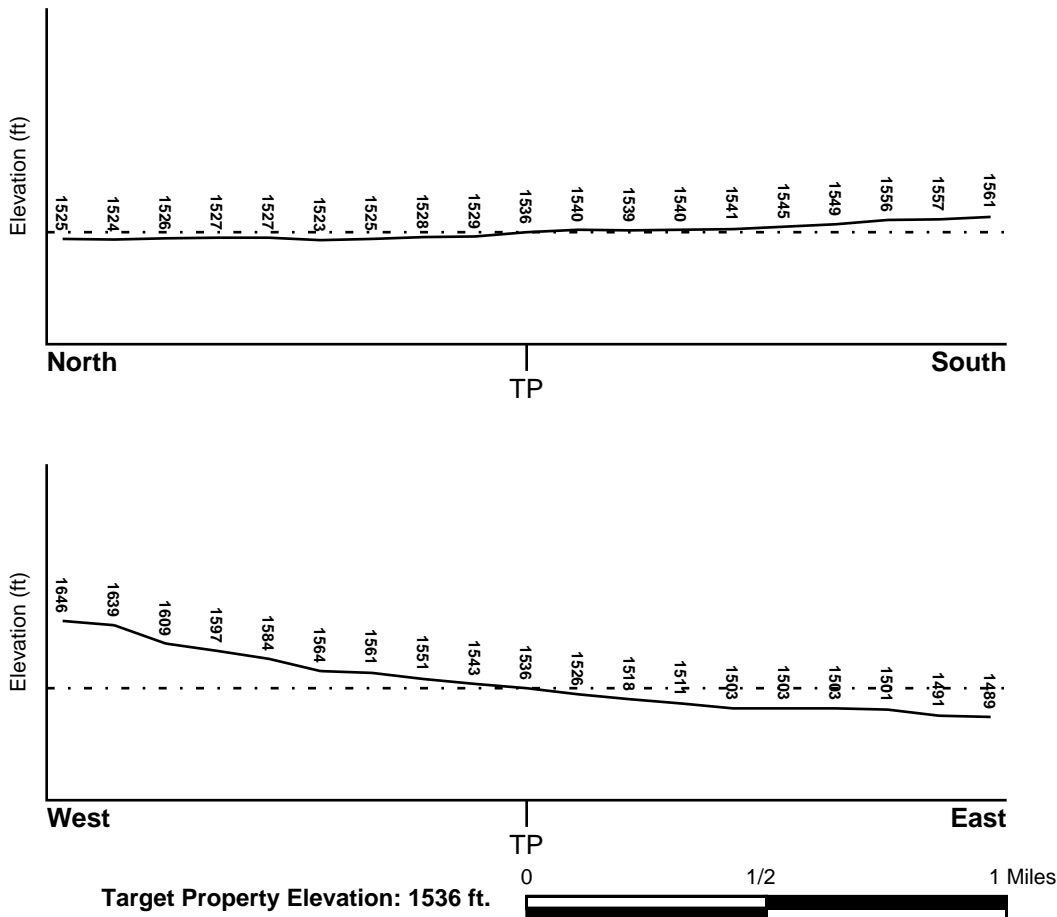
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ENE

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06065C1410G	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06065C0745G	FEMA FIRM Flood data
06065C0765G	FEMA FIRM Flood data
06065C1430H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

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

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

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

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

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

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

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

ROCK STRATIGRAPHIC UNIT

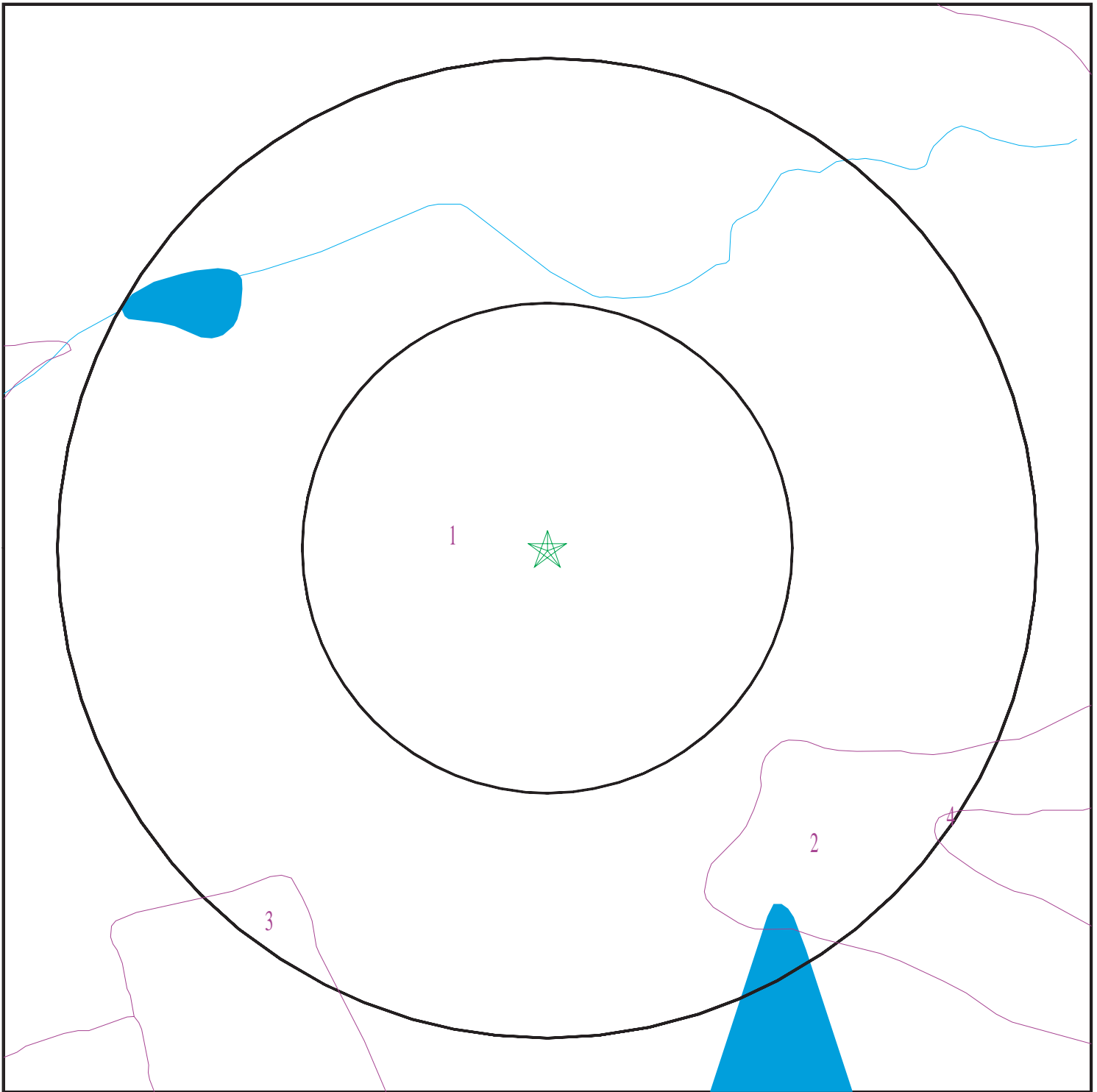
Era: Mesozoic
System: Cretaceous
Series: Cretaceous granitic rocks
Code: Kg *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

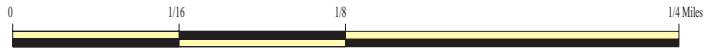
Category: Plutonic and Intrusive Rocks

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

SSURGO SOIL MAP - 5377569.2s



- ★ Target Property
- ∩ SSURGO Soil
- ∩ Water



SITE NAME: Van Buren Boulevard
ADDRESS: Van Buren Boulevard
March Air Reserve Ba CA 92518
LAT/LONG: 33.873376 / 117.266217

CLIENT: Kimley Horn & Associates, Inc.
CONTACT: Karina Fidler
INQUIRY #: 5377569.2s
DATE: July 31, 2018 1:13 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: MONSERATE

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 7.3 Min: 6.1
2	9 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 7.3 Min: 6.1
3	27 inches	44 inches	indurated	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	44 inches	57 inches	cemented	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
5	57 inches	70 inches	loamy coarse 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: 14 Min: 4	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: GREENFIELD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	25 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
2	25 inches	42 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 6.1
3	42 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%), silt.	Max: 14 Min: 4	Max: 7.8 Min: 6.1
4	59 inches	72 inches	stratified loamy sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 3

Soil Component Name: DOMINO

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately 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							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	14 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 14 Min: 4	Max: 8.4 Min: 7.9
2	14 inches	27 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.9
3	27 inches	35 inches	cemented	Not reported	Not reported	Max: 0.01 Min: 0	Max: Min:
4	35 inches	62 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%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9

Soil Map ID: 4

Soil Component Name: HANFORD

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 7.8 Min: 5.6
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	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: 5.6

LOCAL / REGIONAL WATER AGENCY RECORDS

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

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

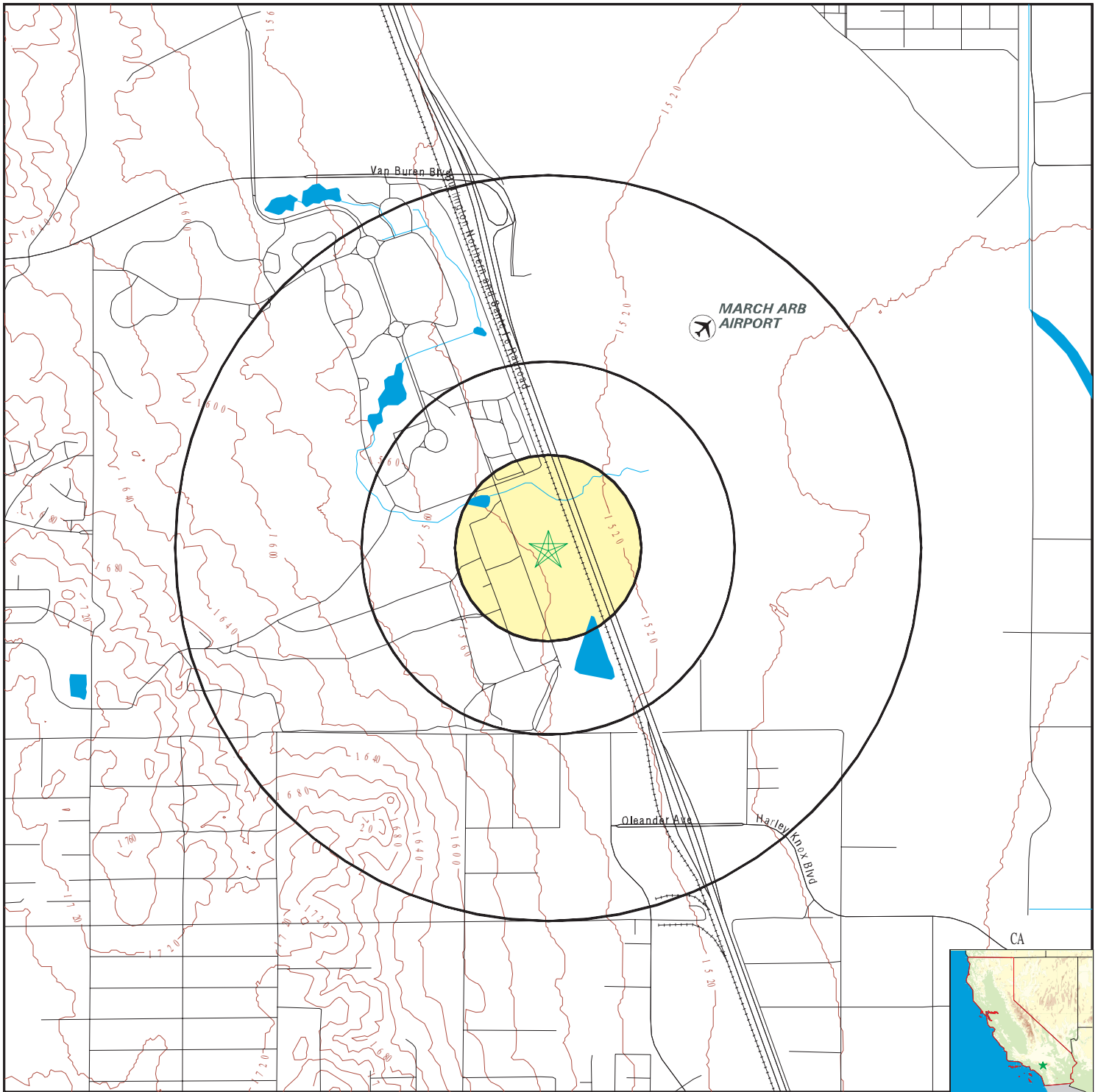
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 5377569.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Van Buren Boulevard
 ADDRESS: Van Buren Boulevard
 March Air Reserve Ba CA 92518
 LAT/LONG: 33.873376 / 117.266217

CLIENT: Kimley Horn & Associates, Inc.
 CONTACT: Karina Fidler
 INQUIRY #: 5377569.2s
 DATE: July 31, 2018 1:12 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for RIVERSIDE County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
- : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
- : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

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

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

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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Appendix I

Vapor Encroachment Screening

Van Buren Boulevard

Van Buren Boulevard

March Air Reserve Ba, CA 92518

Inquiry Number: 5377569.2s

August 2, 2018

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

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Record Sources and Currency	GR-1

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property		
		1/10	> 1/10	
Federal NPL site list	1.0	0	1	0
Federal Delisted NPL site list	1.0	0	0	0
Federal CERCLIS list	0.5	0	1	0
Federal CERCLIS NFRAP site list	0.5	0	0	0
Federal RCRA CORRACTS facilities list	1.0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list	0.5	0	0	0
Federal RCRA generators list	0.25	0	1	0
Federal institutional controls / engineering controls registries	0.5	0	1	0
Federal ERNS list	0.001	0	0	-
State- and tribal - equivalent NPL	1.0	0	1	0
State- and tribal - equivalent CERCLIS	1.0	0	1	0
State and tribal landfill and/or solid waste disposal site lists	0.5	0	0	1
State and tribal leaking storage tank lists	0.5	0	0	0
State and tribal registered storage tank lists	0.25	0	0	0
State and tribal institutional control / engineering control registries	not searched	-	-	-
State and tribal voluntary cleanup sites	0.5	0	0	0
State and tribal Brownfields sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	0	0
Local Lists of Registered Storage Tanks	0.25	0	0	0
Local Land Records	0.5	0	0	0
Records of Emergency Release Reports	0.5	0	1	0
Other Ascertainable Records	1.0	0	4	3

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

VAN BUREN BOULEVARD
VAN BUREN BOULEVARD
MARCH AIR RESERVE BA, CA 92518

COORDINATES

Latitude (North):	33.873376 - 33° 52' 24.14978"
Longitude (West):	117.266217 - 117° 15' 58.392334"
Elevation:	1536 ft. above sea level

EXECUTIVE SUMMARY

SEARCH RESULTS

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

STANDARD ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
MARCH AIR FORCE BASE RCRA-LQG: RCRA-LQG ROD: ROD US INST CONTROL: US INST CONTROL PRP: PRP NPL: NPL SEMS: SEMS US ENG CONTROLS: US ENG CONTROLS	22 CSG/CC	<1/10 N	Region	9
CAMP HAAN, SITE Y (J09CA0279) RESPONSE: RESPONSE Cortese: CORTESE ENVIROSTOR: ENVIROSTOR	WEST AND NORTH OF THE INTERSECTION OF NANDINA AVE AND FWY 21	<1/10 NNW	▲ 3	40
SITE Y -CAMP HAAN SWF/LF: SWF/LF (SWIS)	NORTH END DECKER ROAD / WEST OF I- 215	1/10 - 1/3 S	▲ 5	46

ADDITIONAL ENVIRONMENTAL RECORDS

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
MARCH AIR FORCE BASE RCRA-LQG: RCRA-LQG ROD: ROD US INST CONTROL: US INST CONTROL PRP: PRP NPL: NPL SEMS: SEMS US ENG CONTROLS: US ENG CONTROLS	22 CSG/CC	<1/10 N	Region	
MARCH AIR FORCE BASE (CLOSED) DOD: DOD	Not Reported	<1/10 N	Region	37
BNSF RAIL LINE, MORENO VALLEY CIWQS: CIWQS	Not Reported	<1/10 N	◆ 1	38
MARCH AIR FORCE BASE - US AIR FORCE, FORMER MARCH AIR FORCE MCS: MCS	Not Reported	<1/10 NNW	▲ 2	38
CAMP HAAN, SITE Y (J09CA0279) RESPONSE: RESPONSE Cortese: CORTESE ENVIROSTOR: ENVIROSTOR	WEST AND NORTH OF THE INTERSECTION OF NANDINA AVE AND FWY 21	<1/10 NNW	▲ 3	40

EXECUTIVE SUMMARY

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
RIVERSIDE NATIONAL CEMETE HIST CORTESE: HIST CORTESE	123 ACRES OF REVERSIDE CA	1/10 - 1/3 WNW	▲ 4	46
PISTOL RANGE UXO: UXO	Not Reported	1/10 - 1/3 WSW	▲ A6	47
CAMP HAAN FUDS: FUDS	Not Reported	1/10 - 1/3 WSW	▲ A7	47

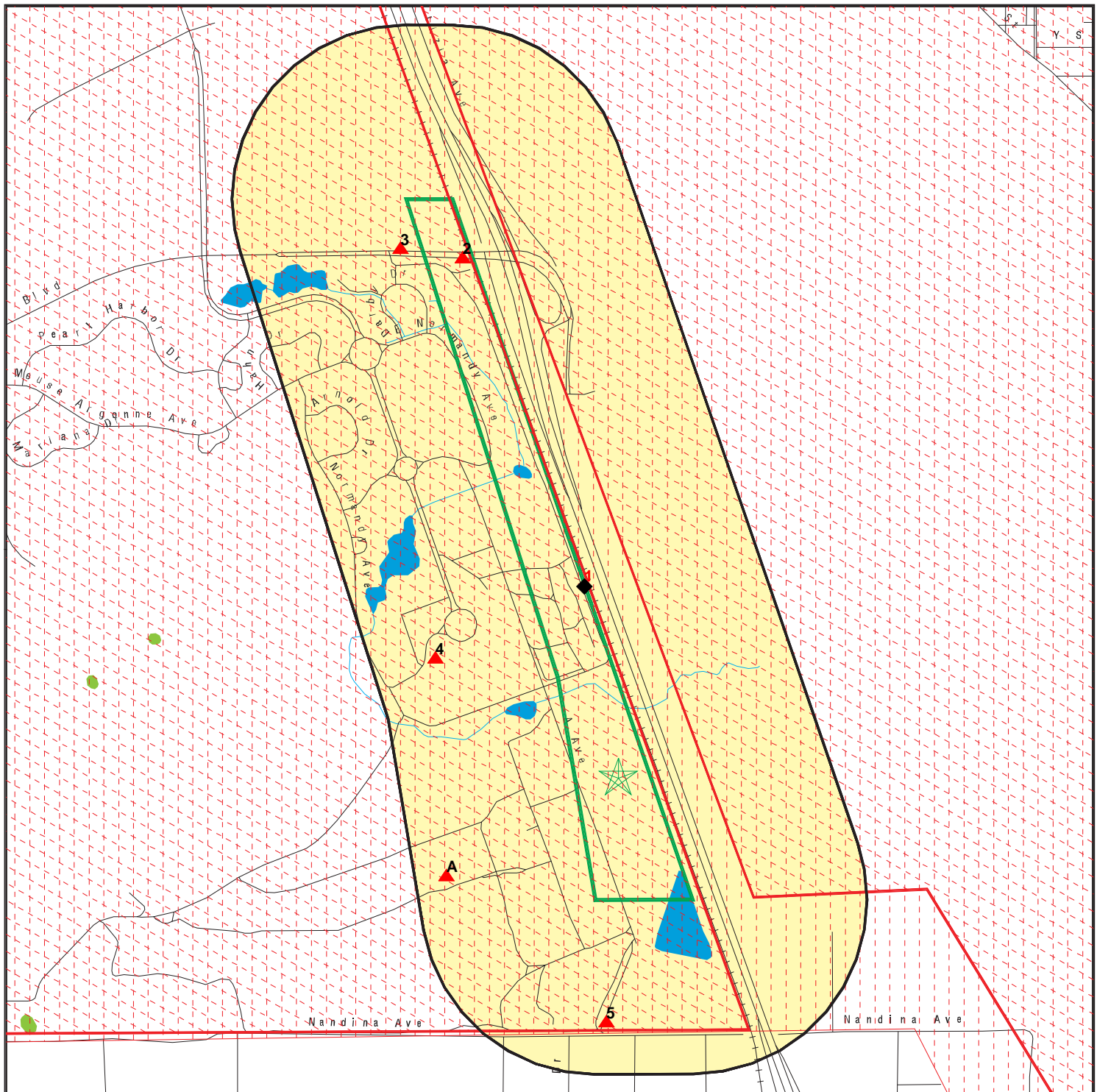
EDR HIGH RISK HISTORICAL RECORDS














<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

EDR RECOVERED GOVERNMENT ARCHIVES

<u>Name</u>	<u>Address</u>	<u>Dist/Dir</u>	<u>Map ID</u>	<u>Page</u>
Not Reported				

PRIMARY MAP - 5377569.2S



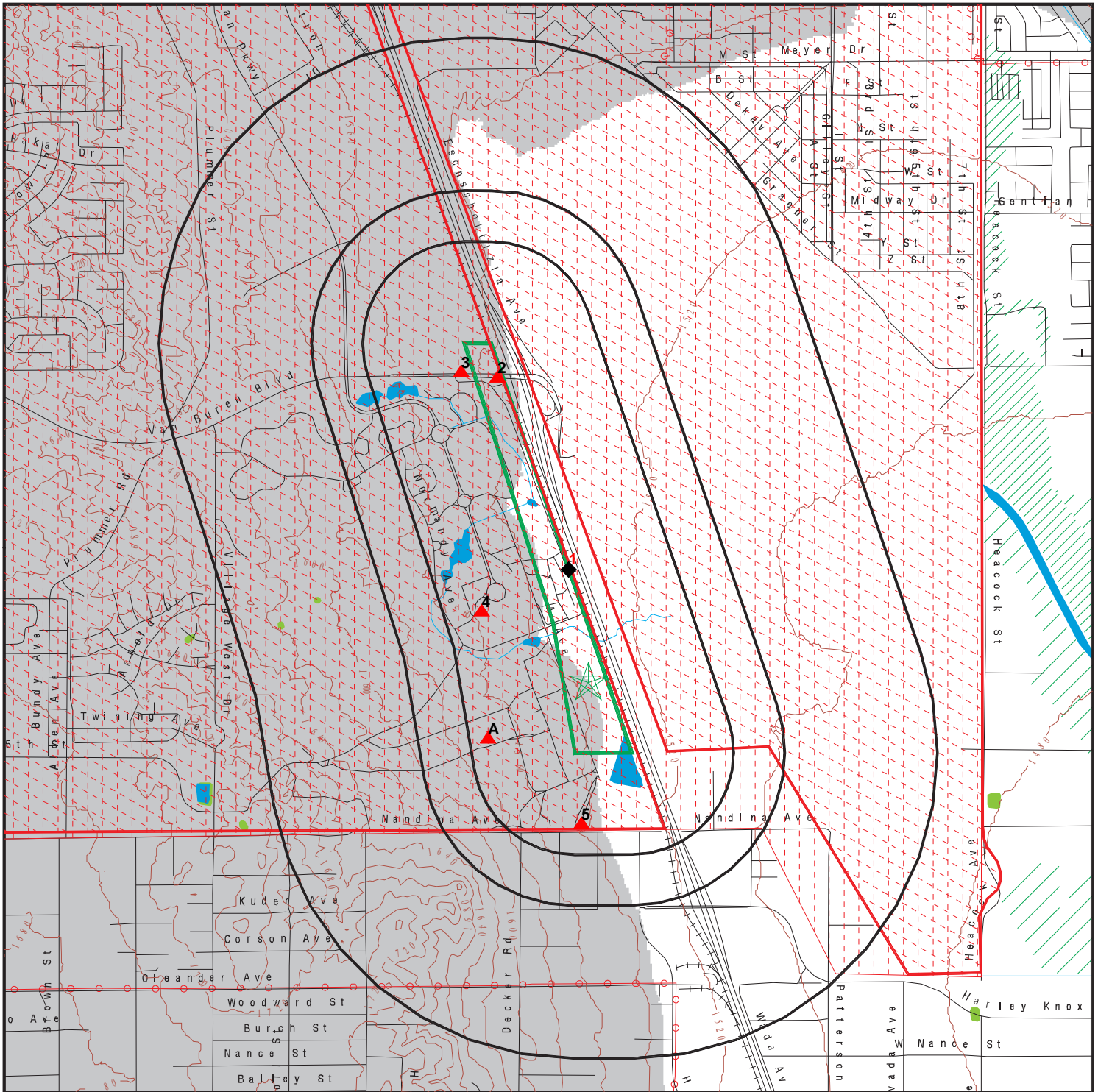
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern

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

SITE NAME: Van Buren Boulevard
 ADDRESS: Van Buren Boulevard
 March Air Reserve Ba CA 92518
 LAT/LONG: 33.873376 / 117.266217

CLIENT: Kimley Horn & Associates, Inc.
 CONTACT: Karina Fidler
 INQUIRY #: 5377569.2s
 DATE: July 31, 2018 1:08 pm

SECONDARY MAP - 5377569.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

Areas of Concern



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

SITE NAME: Van Buren Boulevard
 ADDRESS: Van Buren Boulevard
 March Air Reserve Ba CA 92518
 LAT/LONG: 33.873376 / 117.266217

CLIENT: Kimley Horn & Associates, Inc.
 CONTACT: Karina Fidler
 INQUIRY #: 5377569.2S
 DATE: July 31, 2018 1:06 pm

MAP FINDINGS

LEGEND

FACILITY NAME FACILITY ADDRESS, CITY, ST, ZIP		EDR SITE ID NUMBER
◆ MAP ID#	Direction Distance Range (Distance feet / miles)	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.
	Relative Elevation Feet Above Sea Level	
Worksheet:		
Comments: Comments may be added on the online Vapor Encroachment Worksheet.		

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

MARCH AIR FORCE BASE 22 CSG/CC, RIVERSIDE, CA, 92518		1000169261
Region	N <1/10 (0 ft. / 0 mi.)	Federal NPL site list Federal CERCLIS list Federal RCRA generators list Federal institutional controls / engineering controls registries Other Ascertainable Records

Worksheet:

NPL: Federal NPL site list

EPA ID: CA4570024527
 Cerclis ID: 902761
 EPA Region: 9
 Federal: Y
 Final Date: 1989-11-21 00:00:00
 Site Score: 31.940000000000001
 Latitude: 33.906389
 Longitude: -117.2557

Category Details:

NPL Status: Currently on the Final NPL
 Category Description: Depth To Aquifer-> 50 And <= 100 Feet
 Category Value: 65
 NPL Status: Currently on the Final NPL
 Category Description: Distance To Nearest Population-> 0 And <= 1/4 Mile
 Category Value: 10

Site Details:

Site Name: MARCH AIR FORCE BASE
 Site Status: Final

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Site Zip: 92518
Site City: RIVERSIDE
Site State: CA
Federal Site: Yes
Site County: RIVERSIDE
EPA Region: 09
Date Proposed: 07/14/89
Date Deleted: Not Reported
Date Finalized: 11/21/89

Substance Details:

NPL Status: Currently on the Final NPL
Substance ID: Not Reported
Substance: Not Reported
CAS #: Not Reported
Pathway: Not Reported
Scoring: Not Reported

NPL Status: Currently on the Final NPL
Substance ID: A046
Substance: POLYCHLORINATED BIPHENYLS
CAS #: 1336-36-3
Pathway: GROUND WATER PATHWAY
Scoring: 3

NPL Status: Currently on the Final NPL
Substance ID: U210
Substance: TETRACHLOROETHENE
CAS #: 127-18-4
Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at proposal July 14, 1989): March Air Force Base (MAFB) covers approximately 7,000 acres near Riverside in the Moreno Valley in Riverside County, California. MAFB is adjacent to light industrial, agricultural, and residential areas. Established in 1918 as the Alessandro Aviation Field, MAFB has served as a training base and refueling operations base. Industrial operations including aircraft maintenance and repair) involved use of solvents and disposal of solvent wastes. MAFB is participating in the Installation Restoration Program (IRP), established in 1978. Under this

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

program, the Department of Defense seeks to identify, investigate, and clean up contamination from hazardous materials. As part of IRP, the Air Force investigated 28 potentially contaminated disposal areas. MAFB Well No. 1 on-base was found to be contaminated with trichloroethylene, tetrachloroethylene, and cis-1,2-dichloroethylene at levels that exceed State drinking water standards. It was taken out of service. Soils on the base are contaminated with toluene and benzene. An estimated 11,600 people obtain drinking water from municipal wells within 3 miles of hazardous substances on MAFB. The Air Force is conducting a remedial investigation/ feasibility study (RI/FS) to determine the type and extent of contamination at the base and identify alternatives for remedial action. Status November 21, 1989): Field work continues on the RI/FS.

Site Status Details:

NPL Status:	Final
Proposed Date:	07/14/1989
Final Date:	11/21/1989
Deleted Date:	Not Reported

Narratives Details:

NPL Name:	MARCH AIR FORCE BASE
City:	RIVERSIDE
State:	CA

SEMS: Federal CERCLIS list

Site ID:	902761
EPA ID:	CA4570024527
Cong District:	Not Reported
FIPS Code:	6065
Latitude:	33.906388999999997
Longitude:	-117.2557
FF:	Y
NPL:	Currently on the Final NPL
Non NPL Status:	Not Reported

SEMS Detail:

Region:	9
Site ID:	902761
EPA ID:	CA4570024527
Site Name:	MARCH AIR FORCE BASE
NPL:	F
FF:	Y
OU:	0
Action Code:	HR

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Action Name:	HAZRANK
SEQ:	1
Start Date:	1987-06-01 00:00:00
Finish Date:	6/1/1987
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	9
Site ID:	902761
EPA ID:	CA4570024527
Site Name:	MARCH AIR FORCE BASE
NPL:	F
FF:	Y
OU:	0
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	1989-07-14 00:00:00
Finish Date:	7/14/1989
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	9
Site ID:	902761
EPA ID:	CA4570024527
Site Name:	MARCH AIR FORCE BASE
NPL:	F
FF:	Y
OU:	0
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	1989-11-21 00:00:00
Finish Date:	11/21/1989
Qual:	Not Reported
Current Action Lead:	EPA Perf
Region:	9
Site ID:	902761
EPA ID:	CA4570024527
Site Name:	MARCH AIR FORCE BASE
NPL:	F
FF:	Y
OU:	0
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	2000-10-24 00:00:00
Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	EPA Perf

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Region: 9
 Site ID: 902761
 EPA ID: CA4570024527
 Site Name: MARCH AIR FORCE BASE
 NPL: F
 FF: Y
 OU: 0
 Action Code: SI
 Action Name: SI
 SEQ: 1
 Start Date: 1987-06-01 00:00:00
 Finish Date: 6/1/1987
 Qual: L
 Current Action Lead: Fed Fac

Region: 9
 Site ID: 902761
 EPA ID: CA4570024527
 Site Name: MARCH AIR FORCE BASE
 NPL: F
 FF: Y
 OU: 1
 Action Code: LY
 Action Name: FF RA
 SEQ: 1
 Start Date: 1996-03-05 00:00:00
 Finish Date: Not Reported
 Qual: Not Reported
 Current Action Lead: Fed Fac

Region: 9
 Site ID: 902761
 EPA ID: CA4570024527
 Site Name: MARCH AIR FORCE BASE
 NPL: F
 FF: Y
 OU: 0
 Action Code: PA
 Action Name: PA
 SEQ: 1
 Start Date: 1987-02-01 00:00:00
 Finish Date: 2/1/1987
 Qual: L
 Current Action Lead: Fed Fac

Region: 9
 Site ID: 902761
 EPA ID: CA4570024527
 Site Name: MARCH AIR FORCE BASE
 NPL: F
 FF: Y

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

OU:	1
Action Code:	RO
Action Name:	ROD
SEQ:	1
Start Date:	1996-06-20 00:00:00
Finish Date:	6/20/1996
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	9
Site ID:	902761
EPA ID:	CA4570024527
Site Name:	MARCH AIR FORCE BASE
NPL:	F
FF:	Y
OU:	1
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	1
Start Date:	1990-09-27 00:00:00
Finish Date:	6/20/1996
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	9
Site ID:	902761
EPA ID:	CA4570024527
Site Name:	MARCH AIR FORCE BASE
NPL:	F
FF:	Y
OU:	2
Action Code:	RO
Action Name:	ROD
SEQ:	7
Start Date:	2004-04-01 00:00:00
Finish Date:	4/1/2004
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	9
Site ID:	902761
EPA ID:	CA4570024527
Site Name:	MARCH AIR FORCE BASE
NPL:	F
FF:	Y
OU:	2
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	6
Start Date:	1995-07-01 00:00:00
Finish Date:	7/1/1997

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	9
Site ID:	902761
EPA ID:	CA4570024527
Site Name:	MARCH AIR FORCE BASE
NPL:	F
FF:	Y
OU:	0
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1985-02-01 00:00:00
Finish Date:	2/1/1985
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	9
Site ID:	902761
EPA ID:	CA4570024527
Site Name:	MARCH AIR FORCE BASE
NPL:	F
FF:	Y
OU:	2
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	4
Start Date:	1992-01-24 00:00:00
Finish Date:	4/30/1995
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	9
Site ID:	902761
EPA ID:	CA4570024527
Site Name:	MARCH AIR FORCE BASE
NPL:	F
FF:	Y
OU:	4
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	2
Start Date:	1990-09-27 00:00:00
Finish Date:	9/29/2005
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	9
Site ID:	902761
EPA ID:	CA4570024527
Site Name:	MARCH AIR FORCE BASE

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

NPL:	F
FF:	Y
OU:	4
Action Code:	RO
Action Name:	ROD
SEQ:	3
Start Date:	2005-09-29 00:00:00
Finish Date:	9/29/2005
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	9
Site ID:	902761
EPA ID:	CA4570024527
Site Name:	MARCH AIR FORCE BASE
NPL:	F
FF:	Y
OU:	1
Action Code:	LX
Action Name:	FF RD
SEQ:	1
Start Date:	1996-04-07 00:00:00
Finish Date:	4/18/1996
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	9
Site ID:	902761
EPA ID:	CA4570024527
Site Name:	MARCH AIR FORCE BASE
NPL:	F
FF:	Y
OU:	5
Action Code:	LW
Action Name:	FF RI/FS
SEQ:	5
Start Date:	2005-10-30 00:00:00
Finish Date:	Not Reported
Qual:	Not Reported
Current Action Lead:	Fed Fac
Region:	9
Site ID:	902761
EPA ID:	CA4570024527
Site Name:	MARCH AIR FORCE BASE
NPL:	F
FF:	Y
OU:	2
Action Code:	RO
Action Name:	ROD
SEQ:	5

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Start Date: 2005-09-30 00:00:00
Finish Date: 9/30/2005
Qual: Not Reported
Current Action Lead: Fed Fac

Region: 9
Site ID: 902761
EPA ID: CA4570024527
Site Name: MARCH AIR FORCE BASE
NPL: F
FF: Y
OU: 2
Action Code: RO
Action Name: ROD
SEQ: 4
Start Date: 2004-05-11 00:00:00
Finish Date: 5/11/2004
Qual: Not Reported
Current Action Lead: Fed Fac

RCRA-LQG: Federal RCRA generators list

Date form received by agency: 02/29/2016
Facility name: MARCH AIR RESERVE BASE
Facility address: 610 MEYER DR
BLDG 2403
MARCH ARB, CA 92518

EPA ID: CA4570024527
Mailing address: MEYER DR
BLDG 2403
MARCH ARB, CA 92518

Contact: CRAIG HUNTER
Contact address: MEYER DR BLDG 2403
MARCH ARB, CA 92518

Contact country: US
Contact telephone: 951-655-5082
Contact email: CRAIG.HUNTER.1@US.AF.MIL
EPA Region: 09
Land type: Federal
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: US AIR FORCE

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Owner/operator address:	GRAEBER BLDG 470 MARCH ARB, CA 92518
Owner/operator country:	US
Owner/operator telephone:	951-655-4665
Owner/operator email:	Not Reported
Owner/operator fax:	Not Reported
Owner/operator extension:	Not Reported
Legal status:	Federal
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1945
Owner/Op end date:	Not Reported
Owner/operator name:	GEN. RUSSELL A. MUNCY
Owner/operator address:	Not Reported
Owner/operator country:	Not Reported
Owner/operator telephone:	Not Reported
Owner/operator email:	Not Reported
Owner/operator fax:	Not Reported
Owner/operator extension:	Not Reported
Legal status:	Federal
Owner/Operator Type:	Operator
Owner/Op start date:	11/01/2013
Owner/Op end date:	Not Reported

Handler Activities Summary:

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

Universal Waste Summary:

Waste type:	Batteries
Accumulated waste on-site:	Yes
Generated waste on-site:	No
Waste type:	Lamps
Accumulated waste on-site:	Yes
Generated waste on-site:	No

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Waste type:	Thermostats
Accumulated waste on-site:	Yes
Generated waste on-site:	No
. Waste code:	141
. Waste name:	Off-specification, aged, or surplus inorganics
. Waste code:	151
. Waste name:	Asbestos-containing waste
. Waste code:	181
. Waste name:	Other inorganic solid waste
. Waste code:	223
. Waste name:	Unspecified oil-containing waste
. Waste code:	241
. Waste name:	Tank bottom waste
. Waste code:	281
. Waste name:	Adhesives
. Waste code:	331
. Waste name:	Off-specification, aged, or surplus organics
. Waste code:	343
. Waste name:	Unspecified organic liquid mixture
. Waste code:	352
. Waste name:	Other organic solids
. Waste code:	723
. Waste name:	Liquids with chromium (VI) > 500 mg/l
. Waste code:	791
. Waste name:	Liquids with pH < 2
. Waste code:	D001
. Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSLEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
. Waste code:	D002
. Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
. Waste code:	D003
. Waste name:	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
. Waste code:	D005

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

- . Waste name: BARIUM
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D009
- . Waste name: MERCURY
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D018
- . Waste name: BENZENE
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

Historical Generators:

Date form received by agency: 10/22/2014
Site name: MARCH AIR RESERVE BASE
Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- . Waste code: D005
- . Waste name: BARIUM
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D018

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

- . Waste name: BENZENE
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- Date form received by agency: 03/20/2013
- Site name: MARCH AIR RESERVE BASE
- Classification: Large Quantity Generator
- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D018
- . Waste name: BENZENE
- . Waste code: F002

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- Date form received by agency: 07/15/2010
- Site name: MARCH AIR RESERVE BASE
- Classification: Large Quantity Generator
- . Waste code: 181
- . Waste name: Other inorganic solid waste
- . Waste code: 214
- . Waste name: Unspecified solvent mixture
- . Waste code: 223
- . Waste name: Unspecified oil-containing waste
- . Waste code: 281
- . Waste name: Adhesives
- . Waste code: 342
- . Waste name: Organic liquids with metals (see 121)
- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: 461
- . Waste name: Degreasing sludge
- . Waste code: 541
- . Waste name: Photochemicals / photo processing waste
- . Waste code: 792
- . Waste name: Liquids with pH < 2 with metals
- . Waste code: D001

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D018
- . Waste name: BENZENE
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- Date form received by agency: 03/26/2008
- Site name: MARCH AIR RESERVE BASE
- Classification: Large Quantity Generator
- . Waste code: D001

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
- . Waste code: D004
- . Waste name: ARSENIC
- . Waste code: D005
- . Waste name: BARIUM
- . Waste code: D006
- . Waste name: CADMIUM
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D009
- . Waste name: MERCURY
- . Waste code: D011
- . Waste name: SILVER
- . Waste code: D018
- . Waste name: BENZENE
- . Waste code: D021
- . Waste name: CHLOROBENZENE
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

- . Waste code: U188
- . Waste name: PHENOL
- . Waste code: U227
- . Waste name: ETHANE, 1,1,2-TRICHLORO-

Date form received by agency: 02/08/2006
 Site name: MARCH AIR RESERVE BASE
 Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

- . Waste code: D006
- . Waste name: CADMIUM

- . Waste code: D007
- . Waste name: CHROMIUM

- . Waste code: D008
- . Waste name: LEAD

Date form received by agency: 02/25/2004
 Site name: MARCH AIR RESERVE BASE
 Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

- . Waste code: D002
- . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

- . Waste code: D004
- . Waste name: ARSENIC

- . Waste code: D005
- . Waste name: BARIUM

- . Waste code: D006

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

. Waste name: CADMIUM
 . Waste code: D007
 . Waste name: CHROMIUM
 . Waste code: D011
 . Waste name: SILVER
 . Waste code: D018
 . Waste name: BENZENE
 Date form received by agency: 04/10/2002
 Site name: MARCH AIR RESERVE BASE
 Classification: Large Quantity Generator
 . Waste code: D001
 . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
 . Waste code: D002
 . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
 . Waste code: D003
 . Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
 . Waste code: D004
 . Waste name: ARSENIC
 . Waste code: D005
 . Waste name: BARIUM
 . Waste code: D006
 . Waste name: CADMIUM
 . Waste code: D007
 . Waste name: CHROMIUM
 . Waste code: D008
 . Waste name: LEAD
 . Waste code: D009
 . Waste name: MERCURY
 . Waste code: P098
 . Waste name: POTASSIUM CYANIDE
 Date form received by agency: 10/12/2000
 Site name: MARCH ARB CA

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Classification: Large Quantity Generator

Date form received by agency: 07/14/2000

Site name: MARCH AIR RESERVE BASE

Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002

. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D008

. Waste name: LEAD

. Waste code: D009

. Waste name: MERCURY

. Waste code: F001

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE, AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002

. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005

. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Date form received by agency: 03/04/1999
 Site name: MARCH ARB, CA
 Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
 Site name: MARCH AIR RESERVE BASE
 Classification: Large Quantity Generator

Date form received by agency: 03/26/1996
 Site name: MARCH AFB, CA
 Classification: Large Quantity Generator

Date form received by agency: 03/31/1994
 Site name: MARCH AIR FORCE BASE, CA
 Classification: Large Quantity Generator

Date form received by agency: 03/30/1992
 Site name: MARCH AIR FORCE BASE
 Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

Waste code: D001
 Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Amount (Lbs): 15899.4

Waste code: D002
 Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Amount (Lbs): 186

Waste code: D003
 Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.

Amount (Lbs): 1

Waste code: D005
 Waste name: BARIUM
 Amount (Lbs): 8

Waste code: D006
 Waste name: CADMIUM

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Amount (Lbs):	843
Waste code:	D007
Waste name:	CHROMIUM
Amount (Lbs):	1026
Waste code:	D008
Waste name:	LEAD
Amount (Lbs):	843
Waste code:	D009
Waste name:	MERCURY
Amount (Lbs):	2
Waste code:	D011
Waste name:	SILVER
Amount (Lbs):	1
Waste code:	D018
Waste name:	BENZENE
Amount (Lbs):	3436
Waste code:	D035
Waste name:	METHYL ETHYL KETONE
Amount (Lbs):	11381

Facility Has Received Notices of Violations:

Regulation violated:	FR - 262.30-34.C
Area of violation:	Generators - General
Date violation determined:	04/27/1995
Date achieved compliance:	04/27/2000
Violation lead agency:	EPA
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	04/28/1995
Enf. disposition status:	Not Reported
Enf. disp. status date:	Not Reported
Enforcement lead agency:	EPA
Proposed penalty amount:	Not Reported
Final penalty amount:	Not Reported
Paid penalty amount:	Not Reported

Regulation violated:	FR - 262.10-12.A
Area of violation:	Generators - General
Date violation determined:	03/05/1984
Date achieved compliance:	04/04/1995
Violation lead agency:	EPA
Enforcement action:	WRITTEN INFORMAL
Enforcement action date:	05/18/1984
Enf. disposition status:	Not Reported
Enf. disp. status date:	Not Reported
Enforcement lead agency:	EPA
Proposed penalty amount:	Not Reported

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Final penalty amount: Not Reported
 Paid penalty amount: Not Reported

Evaluation Action Summary:

Evaluation date: 11/02/2006
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Not Reported
 Date achieved compliance: Not Reported
 Evaluation lead agency: State

Evaluation date: 05/06/1996
 Evaluation: FOLLOW-UP INSPECTION
 Area of violation: Not Reported
 Date achieved compliance: Not Reported
 Evaluation lead agency: State

Evaluation date: 04/04/1995
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 04/27/2000
 Evaluation lead agency: EPA

Evaluation date: 03/05/1984
 Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
 Area of violation: Generators - General
 Date achieved compliance: 04/04/1995
 Evaluation lead agency: EPA

US ENG CONTROLS: Federal institutional controls / engineering controls registries

EPA ID: CA4570024527
 Site ID: 0902761
 Name: MARCH AIR FORCE BASE
 Address: 22 CSG/CC
 RIVERSIDE, CA 92518

EPA Region: 09
 County: RIVERSIDE
 Event Code: Not Reported
 Actual Date: 09/30/2005
 Contact Name: Not Reported
 Contact Phone and Ext: Not Reported
 Event Code Description: Not Reported

Action ID: 001
 Action Name: Explanation Of Significant Differences
 Action Completion date: 08/24/2000
 Operable Unit: 01
 Contaminated Media : Soil
 Engineering Control: Bioremediation (Ex-Situ)
 Contact Name: Not Reported
 Contact Phone and Ext: Not Reported
 Event Code Description: Not Reported

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	06/20/1996
Operable Unit:	01
Contaminated Media :	Groundwater
Engineering Control:	Discharge
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	06/20/1996
Operable Unit:	01
Contaminated Media :	Groundwater
Engineering Control:	Extraction
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	06/20/1996
Operable Unit:	01
Contaminated Media :	Groundwater
Engineering Control:	Liquid Phase Carbon Adsorption
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	06/20/1996
Operable Unit:	01
Contaminated Media :	Groundwater
Engineering Control:	Monitoring
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	06/20/1996
Operable Unit:	01
Contaminated Media :	Groundwater
Engineering Control:	Other, (N.O.S.)
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	001
Action Name:	RECORD OF DECISION

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Action Completion date:	06/20/1996
Operable Unit:	01
Contaminated Media :	Soil
Engineering Control:	Cap
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	06/20/1996
Operable Unit:	01
Contaminated Media :	Soil
Engineering Control:	Disposal
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	06/20/1996
Operable Unit:	01
Contaminated Media :	Soil
Engineering Control:	Excavation
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	06/20/1996
Operable Unit:	01
Contaminated Media :	Soil
Engineering Control:	Impermeable Barrier
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	06/20/1996
Operable Unit:	01
Contaminated Media :	Soil
Engineering Control:	Low Temperature Thermal Desorption
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	06/20/1996
Operable Unit:	01

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Contaminated Media :	Soil
Engineering Control:	Monitoring
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	06/20/1996
Operable Unit:	01
Contaminated Media :	Soil
Engineering Control:	Operations & Maintenance (O&M)
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	06/20/1996
Operable Unit:	01
Contaminated Media :	Soil
Engineering Control:	Recycling
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	001
Action Name:	RECORD OF DECISION
Action Completion date:	06/20/1996
Operable Unit:	01
Contaminated Media :	Soil
Engineering Control:	Soil Vapor Extraction (in-situ)
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	003
Action Name:	RECORD OF DECISION
Action Completion date:	09/29/2005
Operable Unit:	04
Contaminated Media :	Groundwater
Engineering Control:	No Action
Contact Name:	Not Reported
Contact Phone and Ext:	Not Reported
Event Code Description:	Not Reported
Action ID:	003
Action Name:	RECORD OF DECISION
Action Completion date:	09/29/2005
Operable Unit:	04
Contaminated Media :	Soil
Engineering Control:	Monitoring

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Contact Name: Not Reported
 Contact Phone and Ext: Not Reported
 Event Code Description: Not Reported

Action ID: 003
 Action Name: RECORD OF DECISION
 Action Completion date: 09/29/2005
 Operable Unit: 04
 Contaminated Media : Soil
 Engineering Control: No Action

Contact Name: Not Reported
 Contact Phone and Ext: Not Reported
 Event Code Description: Not Reported

Action ID: 005
 Action Name: RECORD OF DECISION
 Action Completion date: 09/30/2005
 Operable Unit: 02
 Contaminated Media : Groundwater
 Engineering Control: No Action

Contact Name: Not Reported
 Contact Phone and Ext: Not Reported
 Event Code Description: Not Reported

Action ID: 005
 Action Name: RECORD OF DECISION
 Action Completion date: 09/30/2005
 Operable Unit: 02
 Contaminated Media : Soil
 Engineering Control: No Action

Contact Name: Not Reported
 Contact Phone and Ext: Not Reported
 Event Code Description: Not Reported

US INST CONTROL: Federal institutional controls / engineering controls registries

EPA ID: CA4570024527
 Site ID: 0902761
 Name: MARCH AIR FORCE BASE
 Action Name: RECORD OF DECISION
 Address: 22 CSG/CC
 RIVERSIDE, CA 92518

EPA Region: 09
 County: RIVERSIDE
 Event Code: Not Reported
 Inst. Control: Covenant
 Actual Date: 09/30/2005
 Complet. Date: 09/29/2005

Operable Unit: 04
 Contaminated Media : Soil
 Contact Name : Not Reported

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Contact Phone and Ext : Not Reported
 Event Code Description: Not Reported
 EPA ID: CA4570024527
 Site ID: 0902761
 Name: MARCH AIR FORCE BASE
 Action Name: RECORD OF DECISION
 Address: 22 CSG/CC
 RIVERSIDE, CA 92518

EPA Region: 09
 County: RIVERSIDE
 Event Code: Not Reported
 Inst. Control: Deed Notices
 Actual Date: 09/30/2005
 Complet. Date: 09/29/2005
 Operable Unit: 04
 Contaminated Media : Soil
 Contact Name : Not Reported
 Contact Phone and Ext : Not Reported
 Event Code Description: Not Reported

EPA ID: CA4570024527
 Site ID: 0902761
 Name: MARCH AIR FORCE BASE
 Action Name: RECORD OF DECISION
 Address: 22 CSG/CC
 RIVERSIDE, CA 92518

EPA Region: 09
 County: RIVERSIDE
 Event Code: Not Reported
 Inst. Control: Subdivision regulation
 Actual Date: 09/30/2005
 Complet. Date: 09/29/2005
 Operable Unit: 04
 Contaminated Media : Soil
 Contact Name : Not Reported
 Contact Phone and Ext : Not Reported
 Event Code Description: Not Reported

EPA ID: CA4570024527
 Site ID: 0902761
 Name: MARCH AIR FORCE BASE
 Action Name: RECORD OF DECISION
 Address: 22 CSG/CC
 RIVERSIDE, CA 92518

EPA Region: 09
 County: RIVERSIDE
 Event Code: Not Reported
 Inst. Control: Zoning regulation
 Actual Date: 09/30/2005

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

Complet. Date: 09/29/2005
 Operable Unit: 04
 Contaminated Media : Soil
 Contact Name : Not Reported
 Contact Phone and Ext : Not Reported
 Event Code Description: Not Reported

 EPA ID: CA4570024527
 Site ID: 0902761
 Name: MARCH AIR FORCE BASE
 Action Name: RECORD OF DECISION
 Address: 22 CSG/CC
 RIVERSIDE, CA 92518

 EPA Region: 09
 County: RIVERSIDE
 Event Code: Not Reported
 Inst. Control: Covenant
 Actual Date: 06/15/2004
 Complet. Date: 05/11/2004
 Operable Unit: 02
 Contaminated Media : Groundwater
 Contact Name : Not Reported
 Contact Phone and Ext : Not Reported
 Event Code Description: Not Reported

 EPA ID: CA4570024527
 Site ID: 0902761
 Name: MARCH AIR FORCE BASE
 Action Name: RECORD OF DECISION
 Address: 22 CSG/CC
 RIVERSIDE, CA 92518

 EPA Region: 09
 County: RIVERSIDE
 Event Code: Not Reported
 Inst. Control: Covenant
 Actual Date: 06/15/2004
 Complet. Date: 05/11/2004
 Operable Unit: 02
 Contaminated Media : Soil
 Contact Name : Not Reported
 Contact Phone and Ext : Not Reported
 Event Code Description: Not Reported

 EPA ID: CA4570024527
 Site ID: 0902761
 Name: MARCH AIR FORCE BASE
 Action Name: RECORD OF DECISION
 Address: 22 CSG/CC
 RIVERSIDE, CA 92518

 EPA Region: 09

MAP FINDINGS

MARCH AIR FORCE BASE, 22 CSG/CC, RIVERSIDE, CA 92518 (Continued)

County: RIVERSIDE
 Event Code: Not Reported
 Inst. Control: Base use plan change
 Actual Date: 09/30/2005
 Complet. Date: 09/30/2005
 Operable Unit: 02
 Contaminated Media : Soil
 Contact Name : Not Reported
 Contact Phone and Ext : Not Reported
 Event Code Description: Not Reported

 EPA ID: CA4570024527
 Site ID: 0902761
 Name: MARCH AIR FORCE BASE
 Action Name: RECORD OF DECISION
 Address: 22 CSG/CC
 RIVERSIDE, CA 92518

 EPA Region: 09
 County: RIVERSIDE
 Event Code: Not Reported
 Inst. Control: Building, demolition, or excavation regulation
 Actual Date: 09/30/2005
 Complet. Date: 09/30/2005
 Operable Unit: 02
 Contaminated Media : Soil
 Contact Name : Not Reported
 Contact Phone and Ext : Not Reported
 Event Code Description: Not Reported

ROD: Other Ascertainable Records

Full-text of USEPA Record of Decision(s) is available from EDR.

PRP: Other Ascertainable Records

PRP name: STATE OF CALIFORNIA/DEPT. OF HEALTH SERVICES
 STATE OF CALIFORNIA/DEPT. OF WATER QUALITY
 U.S. AIR FORCE
 U.S. AIR FORCE

MARCH AIR FORCE BASE (CLOSED) Not Reported, , CA,		CUSA143538
Region	N <1/10 (0 ft. / 0 mi.)	Other Ascertainable Records

Worksheet:

DOD: Other Ascertainable Records

MAP FINDINGS

MARCH AIR FORCE BASE (CLOSED), Not Reported, , CA (Continued)

Feature 1: Air Force DOD
 Feature 2: Not Reported
 Feature 3: Not Reported
 URL: Not Reported
 Name 1: March Air Force Base (Closed)
 Name 2: Not Reported
 Name 3: Not Reported
 State: CA
 DOD Site: Yes
 Tile name: CARIVERSIDE

BNSF RAIL LINE, MORENO VALLEY Not Reported, , CA,		S121624123
◆ 1	N <1/10 (0 ft. / 0 mi.)	Other Ascertainable Records
	6 ft. Lower Elevation 1530 ft. Above Sea Level	

Worksheet:

CIWQS: Other Ascertainable Records

Agency: BNSF Railway Company San Bernardino
 Agency Address: 740 East Carnegie Drive, San Bernardino, CA 92408
 Place/Project Type: Dredge/Fill Site
 SIC/NAICS: Not Reported
 Region: 8
 Program: CERFILLEXC
 Regulatory Measure Status: Historical
 Regulatory Measure Type: 401 Certification
 Order Number: Not Reported
 WDID: Not Reported
 NPDES Number: Not Reported
 Adoption Date: 02/08/2005
 Effective Date: 02/08/2005
 Termination Date: Not Reported
 Expiration/Review Date: Not Reported
 Design Flow: Not Reported
 Major/Minor: Not Reported
 Complexity: Not Reported
 TTWQ: Not Reported
 Enforcement Actions within 5 years: 0
 Violations within 5 years: 0
 Latitude: 33.878617
 Longitude: -117.26735

MARCH AIR FORCE BASE - US AIR FORCE, FORMER MARCH AIR FORCE Not Reported, RIVERSIDE, CA, 92518	S109290691
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MAP FINDINGS

▲ 2	NNW <1/10	(0 ft. / 0 mi.)	Records of Emergency Release Reports
	2 ft. Higher Elevation	1538 ft. Above Sea Level	

Worksheet:

MCS: Records of Emergency Release Reports

Global Id: DOD100277100
Latitude: 33.8877
Longitude: -117.2714
Case Type: Military Cleanup Site
Status: Open - Remediation
Status Date: 07/01/2010
Lead Agency: SANTA ANA RWQCB (REGION 8)
Caseworker: PAH
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
RB Case Number: 166-72 -- 27
LOC Case Number: 33970002
File Location: Local Agency Warehouse
Potential Media Affect: Aquifer used for drinking water supply, Soil, Soil Vapor
EDR Link ID: DOD100277100
Potential Contaminants of Concern: Not Reported
Site History: This GeoTracker Site is for the program activities of the Installation Restoration Program for former March AFB. The portions of former March AFB that are being transferred to private ownership for reuse. The Installation Restoration Program (IRP) for March Air Force Base began in September of 1983. The initial study identified 30 potential contaminated sites for further investigation. A second study, completed in March 1987, consisted of the collection of soil, water, and soil gas samples. In June 1987, further investigation was conducted. This investigation indicated that further investigation was required to better define the extent of soil and groundwater (GW) contamination and off-base migration of TCE in GW. In November 1991, March was listed on U.S. EPA National Priorities List (Superfund site) due to the presence of contamination in groundwater beneath the base. Three Operable Units (OU) were created to facilitate the restoration process. Fourteen sites located along the eastern base boundary were placed in OU1. Twenty six sites located west of OU1 were placed into OU2. One site located in the flight line was placed in OU3. The OU-1 Remedial Investigation/Feasibility Study (RI/FS) and Proposed Plan (PP) were made available to the public on April 27, 1994. A record of decision (ROD) was issued in June of 1996 which addresses: 1) soil at Sites 10, 15, 18, 31, and 34; 2) groundwater at Sites 4, 18, and 31 and the combined OU1 groundwater plume. The RI/FS

MAP FINDINGS

MARCH AIR FORCE BASE - US AIR FORCE, FORMER MARCH AIR FORCE, Not Reported, RIVERSIDE, CA 92518 (Continued)

for OU2 was performed from 1992 to 1997. In 1993 March AFB was designated for realignment. In August 1996, this resulted in splitting the bases IRP program between March Air Reserve Base and the Air Force Real Property Agency (AFRPA). AFRPA sites have been declared excess property and have been or will be transferred from AF control. The RI/FS Report for OU2 was dated July 1997. The OU2 RI/FS and PP were made available for public comment on September 8, 1997. A new OU2 PP (for AFRPA sites) was made available for public comment on August 23, 2000. The AFRPA OU2 ROD was signed in May of 2004. The OU2 sites, primarily located on West March, were: 3, 6, 12, 17, 19, 20, 26, 22, 23, 24, 25, 30, 35, 40, and 42. Four OU1 sites belong to the AFRPA: 4, 7, 38, and off-base groundwater plume. OU 4 consists of 7 sites: 21, 41, 44 and four non-IRP sites Water Tower 3910, Water Tank 6601, Site L, and the former Base Hospital and Dental Clinic. The Draft Final OU4 Focused RI/FS was released to the public on July 23, 2004. The ROD is dated September 2005. There are AFRPA two petroleum corrective action sites, Site 43 and Building 550. Site 43 was closed on April 19, 2002.

Click here to access the California GeoTracker records for this facility:

http://www.web.edrnet.com/ordering/switchboard/redirect.aspx?s=GRR_CA_MCS&global_id=DOD100277100

CAMP HAAN, SITE Y (J09CA0279) WEST AND NORTH OF THE INTERSECTION OF NANDINA AVE AND FWY 21, RIVERSIDE, CA, 92518			S107736028
▲ 3	NNW <1/10 6 ft. Higher Elevation	(214 ft. / 0.04 mi.) 1542 ft. Above Sea Level	State- and tribal - equivalent NPL State- and tribal - equivalent CERCLIS Other Ascertainable Records

Worksheet:

RESPONSE: State- and tribal - equivalent NPL

Facility ID: 71000062
 Site Type: State Response
 Site Type Detail: FUDS
 Acres: 76
 National Priorities List: NO
 Cleanup Oversight Agencies: SMBRP, RWQCB 8 - Santa Ana
 Lead Agency Description: DTSC - Site Cleanup Program
 Project Manager: Stephen Niou
 Supervisor: Robert Senga
 Division Branch: Cleanup Cypress
 Site Code: 401244
 Site Mgmt. Req.: NONE SPECIFIED
 Assembly: 61

MAP FINDINGS

CA (Continued)

Senate: 31
 Special Program Status: DSMOA
 Status: Active
 Status Date: 02/16/2017
 Restricted Use: NO
 Funding: DERA
 Latitude: 33.86779
 Longitude: -117.2676
 APN: NONE SPECIFIED
 Past Use: FIRING RANGE - SMALL ARMS ETC...
 Potential COC : Explosives (UXO, MEC Lead Copper and compounds
 Confirmed COC: 30013-NO 30011-NO 30156-NO
 Potential Description: SOIL
 Alias Name: J09CA0279
 Alias Type: Federal Facility ID
 Alias Name: 110033618379
 Alias Type: EPA (FRS #)
 Alias Name: T0606545483
 Alias Type: GeoTracker Global ID
 Alias Name: 19698
 Alias Type: RB-PCA
 Alias Name: 401244
 Alias Type: Project Code (Site Code)
 Alias Name: 71000062
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Inventory Project Report (INPR)
 Completed Date: 01/17/1995
 Comments: Not Reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Inventory Project Report (INPR)
 Completed Date: 08/16/1999
 Comments: Not Reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Remedial Investigation Workplan
 Completed Date: 12/15/2009
 Comments: a no-comment letter was sent to the Army for Additional RI workplan

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Quality Assurance Workplan
 Completed Date: 09/17/2009
 Comments: QAPP accepted

Completed Area Name: PROJECT WIDE

MAP FINDINGS

CA (Continued)

Completed Sub Area Name: Not Reported
 Completed Document Type: Remedial Investigation Workplan
 Completed Date: 12/24/2009
 Comments: sampling plan accepted

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Other Report
 Completed Date: 06/22/2010
 Comments: Approval letter sent, awaiting final copy

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Site Characterization Workplan
 Completed Date: 06/22/2010
 Comments: Workplan approved, awaiting the final document.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Monitoring Report
 Completed Date: 08/09/2011
 Comments: Secondary document. No approval required.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
 Completed Date: 08/16/2011
 Comments: DTSC comments incorporated into the Final SI report.

Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not Reported
 Future Document Type: Removal Action Workplan
 Future Due Date: 2021

Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not Reported
 Future Document Type: Removal Action Completion Report
 Future Due Date: 2021

Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not Reported
 Future Document Type: Record of Decision
 Future Due Date: 2020

Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not Reported
 Future Document Type: Proposed Plan
 Future Due Date: 2019

Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not Reported
 Future Document Type: Public Participation Plan / Community Relations Plan
 Future Due Date: 2019

Future Area Name: PROJECT WIDE
 Future Sub Area Name: Not Reported
 Future Document Type: Remedial Investigation / Feasibility Study

MAP FINDINGS

CA (Continued)

Future Due Date: 2018
 Schedule Area Name: Not Reported
 Schedule Sub Area Name: Not Reported
 Schedule Document Type: Not Reported
 Schedule Due Date: Not Reported
 Schedule Revised Date: Not Reported

ENVIROSTOR: State- and tribal - equivalent CERCLIS

Facility ID: 71000062
 Status: Active
 Status Date: 02/16/2017
 Site Code: 401244
 Site Type: State Response
 Site Type Detailed: FUDS
 Acres: 76
 NPL: NO
 Regulatory Agencies: SMBRP, RWQCB 8 - Santa Ana
 Lead Agency: SMBRP
 Program Manager: Stephen Niou
 Supervisor: Robert Senga
 Division Branch: Cleanup Cypress
 Assembly: 61
 Senate: 31
 Special Program: DSMOA
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: DERA
 Latitude: 33.86779
 Longitude: -117.2676
 APN: NONE SPECIFIED
 Past Use: FIRING RANGE - SMALL ARMS ETC...
 Potential COC: Explosives (UXO, MEC Lead Copper and compounds)
 Confirmed COC: 30013-NO 30011-NO 30156-NO
 Potential Description: SOIL
 Alias Name: J09CA0279
 Alias Type: Federal Facility ID
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 Alias Type: EPA (FRS #)
 Alias Name: T0606545483
 Alias Type: GeoTracker Global ID
 Alias Name: 19698
 Alias Type: RB-PCA
 Alias Name: 401244
 Alias Type: Project Code (Site Code)
 Alias Name: 71000062
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE

MAP FINDINGS

CA (Continued)

Completed Sub Area Name: Not Reported
 Completed Document Type: Inventory Project Report (INPR)
 Completed Date: 01/17/1995
 Comments: Not Reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Inventory Project Report (INPR)
 Completed Date: 08/16/1999
 Comments: Not Reported

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Remedial Investigation Workplan
 Completed Date: 12/15/2009
 Comments: a no-comment letter was sent to the Army for Additional RI workplan

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Quality Assurance Workplan
 Completed Date: 09/17/2009
 Comments: QAPP accepted

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Remedial Investigation Workplan
 Completed Date: 12/24/2009
 Comments: sampling plan accepted

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Other Report
 Completed Date: 06/22/2010
 Comments: Approval letter sent, awaiting final copy

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Site Characterization Workplan
 Completed Date: 06/22/2010
 Comments: Workplan approved, awaiting the final document.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Monitoring Report
 Completed Date: 08/09/2011
 Comments: Secondary document. No approval required.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not Reported
 Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
 Completed Date: 08/16/2011
 Comments: DTSC comments incorporated into the Final SI report.

Future Area Name: PROJECT WIDE

MAP FINDINGS

CA (Continued)

Future Sub Area Name:	Not Reported
Future Document Type:	Removal Action Workplan
Future Due Date:	2021
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not Reported
Future Document Type:	Removal Action Completion Report
Future Due Date:	2021
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not Reported
Future Document Type:	Record of Decision
Future Due Date:	2020
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not Reported
Future Document Type:	Proposed Plan
Future Due Date:	2019
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not Reported
Future Document Type:	Public Participation Plan / Community Relations Plan
Future Due Date:	2019
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not Reported
Future Document Type:	Remedial Investigation / Feasibility Study
Future Due Date:	2018
Schedule Area Name:	Not Reported
Schedule Sub Area Name:	Not Reported
Schedule Document Type:	Not Reported
Schedule Due Date:	Not Reported
Schedule Revised Date:	Not Reported

CORTESE: Other Ascertainable Records

Region:	CORTESE
Envirostor Id:	71000062
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	ACTIVE
Status Date:	02/16/2017
Site Code:	401244
Latitude:	33.867798
Longitude:	-117.26767
Owner:	Not Reported
Enf Type:	Not Reported
Swat R:	Not Reported
Flag:	envirostor
Order No:	Not Reported
Waste Discharge System No:	Not Reported
Effective Date:	Not Reported
Region 2:	Not Reported
WID Id:	Not Reported
Solid Waste Id No:	Not Reported
Waste Management Uit Name:	Not Reported

MAP FINDINGS

CA (Continued)

File Name: Haz Waste & Substances Sites

RIVERSIDE NATIONAL CEMETE 123 ACRES OF REVERSID CA, RIVERSIDE, CA, 92518		S105025886
▲ 4	WNW 1/10 - 1/3 (1125 ft. / 0.213 mi.)	Other Ascertainable Records
	21 ft. Higher Elevation 1557 ft. Above Sea Level	

Worksheet:

HIST CORTESE: Other Ascertainable Records

Region: CORTESE
 Facility County Code: 33
 Reg By: CALSI
 Reg Id: 33890003

SITE Y -CAMP HAAN NORTH END DECKER ROAD / WEST OF I- 215, MARCH AIR FORCE BASE, CA,		S106900233
▲ 5	S 1/10 - 1/3 (1245 ft. / 0.236 mi.)	State and tribal landfill and/or solid waste disposal site lists
	6 ft. Higher Elevation 1542 ft. Above Sea Level	

Worksheet:

SWF/LF (SWIS): State and tribal landfill and/or solid waste disposal site lists

Region: STATE
 Facility ID: 33-CR-0059
 Lat/Long: 33.8665 / -117.26662
 Owner Name: US Dept. Veterans Affiars
 Owner Telephone: 9516538417
 Owner Address: National Cemetery Adm.
 Owner Address2: 22495 Van Buren Blvd.
 Owner City,St,Zip: Riverside, CA 92518
 Operational Status: Closed
 Operator: Not Reported
 Operator Phone: Not Reported
 Operator Address: Not Reported
 Operator Address2: Not Reported
 Operator City,St,Zip: Not Reported
 Permit Date: Not Reported
 Permit Status: Not Reported
 Permitted Acreage: Not Reported
 Activity: Solid Waste Disposal Site
 Regulation Status: Unpermitted
 Landuse Name: Not Reported
 GIS Source: Map
 Category: Disposal
 Unit Number: 01

MAP FINDINGS

SITE Y -CAMP HAAN, NORTH END DECKER ROAD / WEST OF I- 215, MARCH AIR FORCE BASE, CA (Continued)

Inspection Frequency: Quarterly
 Accepted Waste: Construction/demolition,Inert,Mixed municipal
 Closure Date: Not Reported
 Closure Type: Not Reported
 Disposal Acreage: Not Reported
 SWIS Num: 33-CR-0059
 Waste Discharge Requirement Num: Not Reported
 Program Type: Not Reported
 Permitted Throughput with Units: Not Reported
 Actual Throughput with Units: Not Reported
 Permitted Capacity with Units: Not Reported
 Remaining Capacity: Not Reported
 Remaining Capacity with Units: Not Reported
 Lat/Long: 33.8665 / -117.26662

PISTOL RANGE Not Reported, PALATKA, FL,			1018149936
▲ A6	WSW 1/10 - 1/3	(1448 ft. / 0.274 mi.)	Other Ascertainable Records
	34 ft. Higher Elevation	1570 ft. Above Sea Level	

Worksheet:

UXO: Other Ascertainable Records

DoD Component: FUDS
 Installation Name: CAMP HAAN
 Facility Address 2: Not Reported
 Site ID: 00OEW
 Site Type: Small Arms Range
 Latitude: 33.870556
 Longitude: -117.271944

 DoD Component: FUDS
 Installation Name: KAY LARKIN AIRPORT
 Facility Address 2: Not Reported
 Site ID: 00OEW
 Site Type: Small Arms Range
 Latitude: 29.658056
 Longitude: -81.688889

CAMP HAAN Not Reported, RIVERSIDE, CA,			1007372675
▲ A7	WSW 1/10 - 1/3	(1448 ft. / 0.274 mi.)	Other Ascertainable Records
	34 ft. Higher Elevation	1570 ft. Above Sea Level	

Worksheet:

MAP FINDINGS

CAMP HAAN, Not Reported, RIVERSIDE, CA (Continued)

FUDS: Other Ascertainable Records

EPA Region: 09
 Congressional District: 41
 FUDS Number: J09CA0279
 State: CA
 Facility Name: CAMP HAAN
 Fiscal Year: 2013
 City: RIVERSIDE
 Federal Facility ID: CA9799F5400
 Telephone: 213-452-3920
 INST ID: 61045
 County: RIVERSIDE
 RAB: Not Reported
 CORPS_DIST: Los Angeles District (SPL)
 NPL Status: Not Listed
 CTC: 20112.099999999999
 Current Owner: Other Federal Government
 Future Prog: Not Reported
 Description: LOCATED SOUTHEAST OF RIVERSIDE AND MORENO VALLEY
 Current Program: Not Reported
 History: CAMP HAAN WAS PRIMARILY USED AS COAST ARTILLERY ANTI-AIRCRAFT TRAINING CENTER. ALSO USED AS A SEPARATION POINT FOR WARTIME SOLDIERS, AND A POW CAMP
 Latitude Degree: 33
 Latitude Minute: 52
 Latitude Second: 14
 Latitude Direction: N
 Longitude Degree: -117
 Longitude Minute: 16
 Longitude Second: 19
 Longitude Direction: E

FUDS:

Inst ID: 61045
 FUDS Number: J09CA0279
 Facility Name: CAMP HAAN
 PHASE: 4
 ARC: Y
 DIST: SPL
 MMRP: Y
 MRA ID: J09CA027900R01

FUDS:

Inst ID: 61045
 FUDS Number: J09CA0279
 Facility Name: CAMP HAAN
 PHASE: 4
 Site ID: 00
 DIST: SPL
 MMRP: Y

MAP FINDINGS

CAMP HAAN, Not Reported, RIVERSIDE, CA (Continued)

MRA ID:
PROJ NO:

J09CA027900R01
J09CA027900

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
Federal NPL site list						
US	NPL	National Priority List	EPA	05/13/2018	05/30/2018	06/22/2018
US	Proposed NPL	Proposed National Priority List Sites	EPA	05/13/2018	05/30/2018	06/22/2018
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
Federal CERCLIS list						
US	SEMS	Superfund Enterprise Management System	EPA	05/18/2018	05/30/2018	06/22/2018
Federal RCRA CORRACTS facilities list						
US	CORRACTS	Corrective Action Report	EPA	03/01/2018	03/28/2018	06/22/2018
Federal RCRA TSD facilities list						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
Federal RCRA generators list						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
Federal institutional controls / engineering controls registries						
US	LUCIS	Land Use Control Information System	Department of the Navy	05/14/2018	05/18/2018	07/20/2018
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	02/13/2018	02/27/2018	05/11/2018
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	02/13/2018	02/27/2018	05/11/2018
Federal ERNS list						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	03/19/2018	03/27/2018	06/08/2018
State and tribal - equivalent NPL						
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	04/30/2018	05/02/2018	06/22/2018
State and tribal - equivalent CERCLIS						
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	04/30/2018	05/02/2018	06/22/2018
State and tribal landfill / solid waste disposal						
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	05/14/2018	05/16/2018	06/22/2018
State and tribal leaking storage tank lists						
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/17/2018

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/12/2018	05/18/2018	07/20/2018
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/10/2018	05/18/2018	07/20/2018
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	04/25/2018	05/18/2018	07/20/2018
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/24/2018	05/18/2018	07/20/2018
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/01/2018	05/18/2018	07/20/2018
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/08/2018	05/18/2018	07/20/2018
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/13/2018	05/18/2018	07/20/2018
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/12/2018	05/18/2018	07/20/2018
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/17/2018
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
State and tribal registered storage tank lists						
CA	UST	Active UST Facilities	SWRCB	06/11/2018	06/13/2018	07/09/2018
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	06/11/2018	06/13/2018	07/10/2018
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	03/28/2018	05/25/2018	07/10/2018
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/10/2018	05/18/2018	07/20/2018
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	04/25/2018	05/18/2018	07/20/2018
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	04/24/2018	05/18/2018	07/20/2018
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/01/2018	05/18/2018	07/20/2018
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/13/2018	05/18/2018	07/20/2018
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/08/2018	05/18/2018	07/20/2018
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/12/2018	05/18/2018	07/20/2018
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/12/2018	05/18/2018	07/20/2018
US	FEMA UST	Underground Storage Tank Listing	FEMA	05/15/2017	05/30/2017	10/13/2017

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
State and tribal voluntary cleanup sites						
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	04/30/2018	05/02/2018	06/22/2018
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Listing	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
State and tribal Brownfields sites						
CA	BROWNFIELDS	Considered Brownfields Sites Listing	State Water Resources Control Board	03/26/2018	03/27/2018	05/04/2018
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	03/31/2018	04/16/2018	06/29/2018
US	ROD	Records Of Decision	EPA	05/13/2018	05/30/2018	06/29/2018
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	05/13/2018	05/30/2018	06/29/2018
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
CA	SWRCY	Recycler Database	Department of Conservation	03/12/2018	03/14/2018	05/04/2018
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	04/19/2018	04/24/2018	05/04/2018
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	03/01/2018	03/27/2018	06/22/2018
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	05/13/2018	05/30/2018	06/29/2018
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	02/22/2018	03/01/2018	05/11/2018
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (EPA	10/12/2016	10/26/2016	02/03/2017
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	12/23/2016	12/27/2016	02/17/2017
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	05/24/2017	11/30/2017	12/15/2017
US	Delisted NPL	National Priority List Deletions	EPA	05/13/2018	05/30/2018	06/22/2018
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	05/18/2018	05/30/2018	06/22/2018
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/26/2018	03/27/2018	06/08/2018
US	DOT OPS	Incident and Accident Data	Department of Transportation, Office of Pipeli	07/31/2012	08/07/2012	09/18/2012
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	02/22/2018	03/01/2018	05/11/2018
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	03/19/2018	03/21/2018	06/08/2018
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/31/2015	07/08/2015	10/13/2015
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	06/23/2017	10/11/2017	11/03/2017
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	05/03/2018	05/31/2018	06/29/2018
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	10/25/2013	10/17/2014	10/20/2014
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2016	01/10/2018	01/12/2018
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	06/01/2017	06/09/2017	10/13/2017
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/30/2016	09/08/2016	10/21/2016
US	RADINFO	Radiation Information Database	Environmental Protection Agency	04/03/2018	04/05/2018	06/29/2018
US	FINDS	Facility Index System/Facility Registry System	EPA	02/21/2018	02/23/2018	03/23/2018
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	11/02/2017	11/17/2017	12/08/2017
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	06/30/2017	08/18/2017	09/21/2017
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	04/06/2018	04/24/2018	06/14/2018
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	03/26/2018	03/27/2018	05/04/2018
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	04/03/2018	05/07/2018	06/15/2018
CA	CUPA SAN FRANCISCO CO	CUPA SAN FRANCISCO CO	San Francisco County Department of Environmen	04/20/2018	04/24/2018	05/04/2018
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	06/04/2018	06/06/2018	07/17/2018
CA	DRYCLEAN AVAQMD	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management Distri	03/08/2018	03/13/2018	05/04/2018
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	03/27/2018	03/29/2018	05/04/2018
CA	DRYCLEAN SOUTH COAST	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District	03/16/2018	03/20/2018	05/04/2018
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2015	03/21/2017	08/15/2017
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	04/18/2018	04/24/2018	07/06/2018
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	04/18/2018	04/20/2018	06/19/2018
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	05/14/2018	05/15/2018	06/22/2018
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	05/29/2018	05/30/2018	07/17/2018
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2016	07/12/2017	10/17/2017
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	05/21/2018	05/23/2018	07/17/2018
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	04/09/2018	04/11/2018	06/19/2018
CA	ICE	ICE	Department of Toxic Substances Control	05/21/2018	05/23/2018	07/17/2018
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Quality Control Board	06/11/2018	06/13/2018	07/17/2018
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	05/31/2018	06/05/2018	07/18/2018
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/17/2018
CA	MINES	Mines Site Location Listing	Department of Conservation	03/12/2018	03/14/2018	05/04/2018
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	05/23/2018	06/06/2018	07/18/2018
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	05/14/2018	05/16/2018	07/05/2018
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	06/04/2018	06/06/2018	07/19/2018

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	PROC	Certified Processors Database	Department of Conservation	03/12/2018	03/14/2018	05/04/2018
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	03/23/2018	03/27/2018	05/04/2018
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	04/30/2018	05/02/2018	06/22/2018
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Department of Conservation	04/27/2018	06/13/2018	07/17/2018
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	04/10/2018	04/13/2018	06/19/2018
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	06/04/2018	06/06/2018	07/13/2018
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	02/25/2018	03/17/2018	06/08/2018
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	02/20/2018	02/21/2018	03/23/2018
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	04/23/2018	04/24/2018	06/07/2018
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Services, Indian	04/01/2014	08/06/2014	01/29/2015
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	03/08/2018	03/13/2018	06/08/2018
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	04/23/2018	04/24/2018	06/07/2018
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	04/23/2018	04/24/2018	06/07/2018
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/30/2016	10/31/2017	01/12/2018
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	06/11/2018	06/13/2018	07/18/2018
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	01/04/2018	01/19/2018	04/13/2018
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	06/11/2018	06/13/2018	07/18/2018
<u>HISTORICAL USE RECORDS</u>						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
COUNTY RECORDS						
CA	CS ALAMEDA	Contaminated Sites	Alameda County Environmental Health Services	04/05/2018	04/10/2018	06/14/2018
CA	UST ALAMEDA	Underground Tanks	Alameda County Environmental Health Services	04/05/2018	04/10/2018	05/04/2018
CA	CUPA AMADOR	CUPA Facility List	Amador County Environmental Health	03/31/2018	04/05/2018	06/14/2018
CA	CUPA BUTTE	CUPA Facility Listing	Public Health Department	04/21/2017	04/25/2017	08/09/2017
CA	CUPA CALVERAS	CUPA Facility Listing	Calveras County Environmental Health	05/07/2018	05/09/2018	06/14/2018
CA	CUPA COLUSA	CUPA Facility List	Health & Human Services	05/23/2018	05/24/2018	07/13/2018
CA	SL CONTRA COSTA	Site List	Contra Costa Health Services Department	05/21/2018	05/25/2018	07/20/2018
CA	CUPA DEL NORTE	CUPA Facility List	Del Norte County Environmental Health Divisio	04/27/2018	05/02/2018	06/15/2018
CA	CUPA EL DORADO	CUPA Facility List	El Dorado County Environmental Management Dep	03/05/2018	03/08/2018	04/16/2018
CA	CUPA FRESNO	CUPA Resources List	Dept. of Community Health	03/01/2018	03/05/2018	03/14/2018
CA	CUPA GLENN	CUPA Facility List	Glenn County Air Pollution Control District	01/22/2018	01/24/2018	03/14/2018
CA	CUPA HUMBOLDT	CUPA Facility List	Humboldt County Environmental Health	03/05/2018	03/08/2018	04/30/2018
CA	CUPA IMPERIAL	CUPA Facility List	San Diego Border Field Office	04/23/2018	04/25/2018	06/14/2018
CA	CUPA INYO	CUPA Facility List	Inyo County Environmental Health Services	04/02/2018	04/03/2018	06/14/2018
CA	UST KERN	Underground Storage Tank Sites & Tank Listing	Kern County Environment Health Services Depar	05/02/2018	05/07/2018	07/18/2018
CA	CUPA KINGS	CUPA Facility List	Kings County Department of Public Health	06/12/2018	06/15/2018	07/13/2018
CA	CUPA LAKE	CUPA Facility List	Lake County Environmental Health	05/09/2018	05/11/2018	06/14/2018
CA	CUPA LASSEN	CUPA Facility List	Lassen County Environmental Health	01/22/2018	01/24/2018	03/14/2018
CA	AOCONCERN	San Gabriel Valley Areas of Concern	EPA Region 9	03/30/2009	03/31/2009	10/23/2009
CA	HMS LOS ANGELES	HMS: Street Number List	Department of Public Works	04/12/2018	04/16/2018	06/15/2018
CA	LF LOS ANGELES	List of Solid Waste Facilities	La County Department of Public Works	04/16/2018	04/17/2018	06/19/2018
CA	LF LOS ANGELES CITY	City of Los Angeles Landfills	Engineering & Construction Division	01/01/2018	05/01/2018	05/14/2018
CA	SITE MIT LOS ANGELES	Site Mitigation List	Community Health Services	04/01/2018	04/17/2018	06/19/2018
CA	UST EL SEGUNDO	City of El Segundo Underground Storage Tank	City of El Segundo Fire Department	01/21/2017	04/19/2017	05/10/2017
CA	UST LONG BEACH	City of Long Beach Underground Storage Tank	City of Long Beach Fire Department	03/09/2017	03/10/2017	05/03/2017
CA	UST TORRANCE	City of Torrance Underground Storage Tank	City of Torrance Fire Department	01/04/2018	01/05/2018	01/18/2018
CA	CUPA MADERA	CUPA Facility List	Madera County Environmental Health	02/21/2018	02/22/2018	04/03/2018
CA	UST MARIN	Underground Storage Tank Sites	Public Works Department Waste Management	03/30/2018	04/06/2018	05/04/2018
CA	CUPA MERCED	CUPA Facility List	Merced County Environmental Health	05/30/2018	06/01/2018	07/13/2018
CA	CUPA MONO	CUPA Facility List	Mono County Health Department	05/22/2018	05/24/2018	07/13/2018
CA	CUPA MONTEREY	CUPA Facility Listing	Monterey County Health Department	06/13/2018	06/19/2018	07/20/2018
CA	LUST NAPA	Sites With Reported Contamination	Napa County Department of Environmental Manag	01/09/2017	01/11/2017	03/02/2017
CA	UST NAPA	Closed and Operating Underground Storage Tank Sites	Napa County Department of Environmental Manag	05/23/2018	05/31/2018	07/11/2018
CA	CUPA NEVADA	CUPA Facility List	Community Development Agency	04/24/2018	05/01/2018	06/15/2018
CA	IND_SITE ORANGE	List of Industrial Site Cleanups	Health Care Agency	04/02/2018	05/11/2018	06/22/2018
CA	LUST ORANGE	List of Underground Storage Tank Cleanups	Health Care Agency	04/02/2018	05/11/2018	06/25/2018
CA	UST ORANGE	List of Underground Storage Tank Facilities	Health Care Agency	04/02/2018	05/08/2018	07/10/2018
CA	MS PLACER	Master List of Facilities	Placer County Health and Human Services	05/31/2018	06/05/2018	07/18/2018
CA	CUPA PLUMAS	CUPA Facility List	Plumas County Environmental Health	01/22/2018	01/24/2018	03/15/2018
CA	LUST RIVERSIDE	Listing of Underground Tank Cleanup Sites	Department of Environmental Health	04/05/2018	04/10/2018	05/04/2018
CA	UST RIVERSIDE	Underground Storage Tank Tank List	Department of Environmental Health	04/05/2018	04/10/2018	05/04/2018
CA	CS SACRAMENTO	Toxic Site Clean-Up List	Sacramento County Environmental Management	02/02/2018	04/04/2018	06/14/2018
CA	ML SACRAMENTO	Master Hazardous Materials Facility List	Sacramento County Environmental Management	02/02/2018	04/04/2018	06/19/2018
CA	CUPA SAN BENITO	CUPA Facility List	San Benito County Environmental Health	05/16/2018	05/22/2018	07/13/2018
CA	PERMITS SAN BERNARDINO	Hazardous Material Permits	San Bernardino County Fire Department Hazardo	04/09/2018	04/11/2018	06/19/2018

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	HMMD SAN DIEGO	Hazardous Materials Management Division Database	Hazardous Materials Management Division	06/04/2018	06/06/2018	07/17/2018
CA	LF SAN DIEGO	Solid Waste Facilities	Department of Health Services	04/18/2018	04/24/2018	06/19/2018
CA	SAN DIEGO CO LOP	Local Oversight Program Listing	Department of Environmental Health	04/18/2018	04/23/2018	05/04/2018
CA	SAN DIEGO CO. SAM	Environmental Case Listing	San Diego County Department of Environmental	03/23/2010	06/15/2010	07/09/2010
CA	LUST SAN FRANCISCO	Local Oversight Facilities	Department Of Public Health San Francisco Cou	09/19/2008	09/19/2008	09/29/2008
CA	UST SAN FRANCISCO	Underground Storage Tank Information	Department of Public Health	06/07/2018	06/12/2018	07/10/2018
CA	UST SAN JOAQUIN	San Joaquin Co. UST	Environmental Health Department	06/22/2018	06/26/2018	07/11/2018
CA	CUPA SAN LUIS OBISPO	CUPA Facility List	San Luis Obispo County Public Health Departme	05/16/2018	05/22/2018	07/17/2018
CA	BI SAN MATEO	Business Inventory	San Mateo County Environmental Health Service	03/14/2018	03/20/2018	05/04/2018
CA	LUST SAN MATEO	Fuel Leak List	San Mateo County Environmental Health Service	03/15/2018	03/20/2018	05/04/2018
CA	CUPA SANTA BARBARA	CUPA Facility Listing	Santa Barbara County Public Health Department	09/08/2011	09/09/2011	10/07/2011
CA	CUPA SANTA CLARA	Cupa Facility List	Department of Environmental Health	05/16/2018	05/23/2018	07/17/2018
CA	HIST LUST SANTA CLARA	HIST LUST - Fuel Leak Site Activity Report	Santa Clara Valley Water District	03/29/2005	03/30/2005	04/21/2005
CA	LUST SANTA CLARA	LOP Listing	Department of Environmental Health	03/03/2014	03/05/2014	03/18/2014
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	05/16/2018	05/22/2018	07/19/2018
CA	CUPA SANTA CRUZ	CUPA Facility List	Santa Cruz County Environmental Health	01/21/2017	02/22/2017	05/23/2017
CA	CUPA SHASTA	CUPA Facility List	Shasta County Department of Resource Managem	06/15/2017	06/19/2017	08/09/2017
CA	LUST SOLANO	Leaking Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2018	06/08/2018	07/18/2018
CA	UST SOLANO	Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2018	06/12/2018	07/12/2018
CA	CUPA SONOMA	Cupa Facility List	County of Sonoma Fire & Emergency Services De	06/19/2018	06/26/2018	07/17/2018
CA	LUST SONOMA	Leaking Underground Storage Tank Sites	Department of Health Services	04/03/2018	04/06/2018	05/09/2018
CA	CUPA STANISLAUS	CUPA Facility List	Stanislaus County Department of Ennvironmenta	05/08/2018	05/11/2018	06/15/2018
CA	UST SUTTER	Underground Storage Tanks	Sutter County Department of Agriculture	06/04/2018	06/08/2018	07/11/2018
CA	CUPA TEHAMA	CUPA Facility List	Tehama County Department of Environmental Hea	01/26/2018	02/02/2018	03/21/2018
CA	CUPA TRINITY	CUPA Facility List	Department of Toxic Substances Control	04/23/2018	04/25/2018	06/15/2018
CA	CUPA TULARE	CUPA Facility List	Tulare County Environmental Health Services D	03/19/2018	03/22/2018	04/17/2018
CA	CUPA TUOLUMNE	CUPA Facility List	Divison of Environmental Health	04/23/2018	04/25/2018	06/25/2018
CA	BWT VENTURA	Business Plan, Hazardous Waste Producers, and Operating Unde	Ventura County Environmental Health Division	03/26/2018	04/25/2018	06/22/2018
CA	LF VENTURA	Inventory of Illegal Abandoned and Inactive Sites	Environmental Health Division	12/01/2011	12/01/2011	01/19/2012
CA	LUST VENTURA	Listing of Underground Tank Cleanup Sites	Environmental Health Division	05/29/2008	06/24/2008	07/31/2008
CA	MED WASTE VENTURA	Medical Waste Program List	Ventura County Resource Management Agency	03/26/2018	04/25/2018	06/25/2018
CA	UST VENTURA	Underground Tank Closed Sites List	Environmental Health Division	04/26/2018	06/13/2018	07/11/2018
CA	UST YOLO	Underground Storage Tank Comprehensive Facility Report	Yolo County Department of Health	06/20/2018	07/03/2018	07/12/2018
CA	CUPA YUBA	CUPA Facility List	Yuba County Environmental Health Department	05/10/2018	05/15/2018	06/15/2018

STREET AND ADDRESS INFORMATION

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Appendix J

Resumes

CASEY SCHOONER

Casey has two years of progressive experience preparing Phase I Environmental Site Assessments for various types of land uses, including, industrial facilities, commercial developments and vacant parcels. In addition, Casey has six years of experience with site development projects, including the preparation of Stormwater Pollution Prevention Plans and environmental planning documents for public and private sector projects. She has been responsible for providing entitlement planning and support for educational, residential, commercial and institutional land development projects throughout California.

PROFESSIONAL CREDENTIALS

- Bachelor of Arts, History, San Francisco State University, San Francisco, CA (2004)

RELEVANT EXPERIENCE

- Phase I Environmental Site Assessment, City of Rialto, Rialto, CA
- Storm Water Pollution Prevention Plan, Lowe's, Santa Maria, CA
- Storm Water Pollution Prevention Plan, Providence Business Park, Eastvale, CA
- CEQA Environmental Impact Report for the South Bay Bus Rapid Transit (BRT) Project, SANDAG, San Diego, California
- CEQA Initial Study and Mitigated Negative Declaration, IPT I-215 Distribution Center II (Georgia), San Bernardino, CA
- CEQA Initial Study and Mitigated Negative Declaration, Waterman Industrial Center, San Bernardino, CA
- CEQA Initial Study and Categorical Exemption, Quetzal Gardens Project, San José, CA

KARINA FIDLER, AICP, CPESC

Karina Fidler has more than 17 years of experience as an environmental planner providing field investigations and CEQA and NEPA documentation for public and private sector projects. She has completed numerous Phase I Environmental Site Assessments (ESA), Phase II ESAs, environmental planning documents, and wetland delineations. Karina has coordinated extensively with the California Department of Fish and Wildlife, U.S. Fish and Wildlife, U.S. Army Corps of Engineers, and the Regional Water Quality Control Boards on resource agency permits. She has also been involved with sensitive species surveys throughout the western U.S. including the western burrowing owl, least Bell's vireo, Belding's savannah sparrow, California gnatcatcher, the light-footed clapper rail and pygmy owls.

In addition to environmental services, Karina has also prepared Stormwater Pollution Prevention Plans (SWPPPs) for private developments and public works improvements, and has conducted weekly and rain event inspections for projects under the Statewide General Construction Permit. Her responsibilities also include coordination with the contractor through the construction process to assure all of the Best Management Practices (BMPs) controls are installed and maintained, and that the site is in full compliance with the Permit. Karina is also trained to measure pH and turbidity in the field during storm events, as required by the Permit for high risk sites.

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Aquatic Biology, University of California, Santa Barbara, 1997
- Master of Public Health, Environmental Health, San Diego State University, 2005
- American Institute of Certified Planners
- Certified Professional Erosion and Sediment Control

RELEVANT EXPERIENCE

- Phase I and Phase II Environmental Site Assessments, Walmart Stores, Various Locations
- Phase I Environmental Site Assessments, SunEdison LLC, Various Locations, California
- Phase I and Phase II Environmental Site Assessments, University of Southern California + Los Angeles County Hospital, Los Angeles, California
- Phase I and Phase II Environmental Site Assessments, Los Alamitos Hospital, Los Alamitos, California
- Phase I and Phase II Environmental Site Assessment, Confidential Industrial Use, Rialto, California
- Phase I Initial Site Assessment (ISA), Sunset Avenue Railroad Grade Separation at I-10, Banning, California
- Phase I Initial Site Assessment (ISA), City of Stockton, Various Transit Projects, Stockton, California
- I-215/Van Buren Boulevard Interchange Project Initial Study/Environmental Assessment, Riverside, California
- Phase I Environmental Site Assessments, LNR Riverside, LLC, Meridian Business Park, Riverside, California
- CEQA Initial Study/Mitigated Negative Declaration for the Intersection and Drainage Improvements at Frank Sinatra Drive and Portola Avenue Project, Palm Desert, California
- CEQA Environmental Impact Report for the South Bay Bus Rapid Transit (BRT) Project, SANDAG, San Diego, California

JASON SHEASLEY, P.G.

Jason has 23 years' experience involving water resources, hydrogeology, and geology. He has managed geologic and hydrogeologic investigations for the characterization of subsurface contamination at commercial and industrial sites nationwide. His experience includes due diligence; Phase I and Phase II environmental site assessment reporting; the development of Brownfield sites and environmentally-impacted properties; and environmental compliance under RCRA, CERCLA, and state hazardous waste programs. Jason has directed and managed projects relating to the characterization and remediation of soil and groundwater contamination, provided technical oversight for the development of regional groundwater management policies.

PROFESSIONAL CREDENTIALS

- Bachelor of Science, Earth and Environmental Science, Minors Geology and Physics, Wilkes University (Pennsylvania), 1993
- Professional Geologist in Florida, Pennsylvania, North Carolina
- Certified Hazardous Materials Manager
- OSHA 40-Hour HAZWOPER Training

PROFESSIONAL ORGANIZATIONS

- National Ground Water Association
- Institute of Hazardous Materials Management
- Academy of Hazardous Materials Managers
- First Coast Chapter of the Academy of Certified Hazardous Materials Managers,
- Florida Association of Professional Geologists
- Geological Society of America

RELEVANT EXPERIENCE

- Phase I and Phase II Environmental Site Assessments, Walmart Stores, Various Locations
- Phase I Environmental Site Assessments, SunEdison LLC, Various Locations, California
- Phase I and Phase II Environmental Site Assessments, University of Southern California + Los Angeles County Hospital, Los Angeles, California
- Phase I and Phase II Environmental Site Assessments, Los Alamitos Hospital, Los Alamitos, California
- Phase I and Phase II Environmental Site Assessment, Confidential Industrial Use, Rialto, California
- Water Use Permitting, Mulberry, Florida
- The Resorts Water Use Permit, Polk County, Florida
- The Preserves Water Use Permit, Polk County, Florida
- Titan America, LLC, New Hanover County, NC
- Bald Head Island, Reverse Osmosis System Recovery Improvements, Bald Head Island, NC Oak Hills Wastewater Treatment Facility Expansion, Polk County, Florida
- Rybovich Spencer Boat Works, West Palm Beach, Florida
- Thomas Ranch, Sarasota County, Florida
- JAXPORT Blount Island and Talleyrand Facilities, Jacksonville, Florida



Relevant Experience, cont.

- Emergency Source Area Removal, Florid Rock Industries, Inc., Bunnell, Florida
- Stormwater Drainage Wells, Former Buena Vista Railroad Yard, Miami, Florida
- Former Buena Vista Railroad Yard, Miami, FL Wellhead Protection, City of Jacksonville, Florida
- Kansas Army Ammunition Plant, Parsons KS
- Various Geologic and Hydrogeologic Investigation of Commercial and Industrial Sites, GA, PA, MD, NC, NY, SC, TN, VA and WV
- RCRA Facility Investigations, Various Industrial, Commercial, and Government Sites throughout the United States
- Low-Level Radioactive Waste Disposal Facility Siting Project, Harrisburg, PA