

# **PARTNER**

**Engineering and Science, Inc.**



## **PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT**

945-995 Markham  
945-995 West Markham Street  
Perris, California 92571

Report Date: April 1, 2022  
Partner Project No. 22-362701.1



Prepared for:

SCG/DP MARKHAM ASSEMBLAGE, LLC  
100 Wilshire Boulevard, Suite 250  
Santa Monica, California 90401

April 1, 2022

Mr. Brandon Bank  
SCG/DP MARKHAM ASSEMBLAGE, LLC  
C/O Dedeaux Properties, LLC  
100 Wilshire Boulevard, Suite 250  
Santa Monica, California 90401

Subject: Phase I Environmental Site Assessment  
945-995 Markham  
945-995 West Markham Street  
Perris, California 92571  
Partner Project No. 22-362701.1

Dear Brandon Bank:

Partner Engineering and Science, Inc. (Partner) is pleased to provide the results of the *Phase I Environmental Site Assessment* (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in conformance with the scope and limitations as detailed in the ASTM Practice E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

This assessment included a site reconnaissance as well as research and interviews with representatives of the public, property ownership, site manager, and regulatory agencies. An assessment was made, conclusions stated, and recommendations outlined.

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (949) 214-6470.

Sincerely,



Suzi Rosen, PG, CHG  
Principal and Managing Director

## EXECUTIVE SUMMARY

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Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by Dedeaux Properties for the property located at 945-995 West Markham Street in Perris, Riverside County, California (the "subject property"). The Phase I Environmental Site Assessment is designed to provide Dedeaux Properties with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

### Property Description

The subject property is located on the south side of West Markham Street within a mixed commercial/residential area of Riverside County. Please refer to the table below for further description of the subject property:

#### *Subject Property Data*

Addresses:	945-995 West Markham Street, Perris, California
Property Use:	Residential/Commercial/Light/Industrial/Vacant
Land Acreage (Ac):	4.06 Ac (per, Riverside County Assessor's Office)
Number of Buildings:	Three (permanent buildings); Two (mobile offices); Four (semi-trailer storage structures)
Number of Floors:	Single-story
Date of Construction:	1953, 1976
Assessor's Parcel Number (APN):	314-170-009 (995 West Markham Street) 314-170-010 (945 West Markham Street)
Type of Construction:	Wood-Framed (Residences); Steel-framed (Metal Shop)
Current Tenants:	Advanced Iron Works & Residence (945 West Markham Street) Abandoned mobile home and steel storage building (995 West Markham Street)
Site Assessment Performed By:	Colin Donohue of Partner
Site Assessment Conducted On:	March 24, 2022

The subject property is currently occupied by Advanced Iron Works & a Residence (945 West Markham Street); and an abandoned mobile home and steel building (995 West Markham Street) for commercial/residential/light industrial use. Onsite operations consist of residential activities, steel/metal cutting, welding, and painting, as well as general office use. In addition to the current residence structure, the subject property is also improved with a mobile home, a steel building, metal awnings for steel/metal work, a mobile office, at least two confirmed septic systems, an in-ground swimming pool, concrete paved workspaces beneath steel awnings, a concrete driveway, a dirt bike track, abandoned vehicle storage area and landscaping.

According to available historical sources, the subject property was formerly developed with agricultural fields and a residence by at least 1938; a residence, agricultural land, an agricultural type building (including what appears to be the existing steel building at 995 West Markham Street) by 1953; remained as agricultural type structures and the existing residence at 945 West Markham Street from 1953 to 1976; was developed with the existing residence building in 1976; and was developed with the existing awnings

currently utilized for steel/metal work in 1985. The subject property has remained developed with the current improvements operating as a metal fabrication and storage yard plus residence from 1985 to present. Known tenants on the subject property have included residential listings (1991-Present) and Advanced Iron Works (2008-Present) and appears to have included automotive repair activities.

The immediately surrounding properties consist of XPO Logistics to the north across West Markham Street; CO Part of Perris junkyard to the south; a single family residence with metal storage shed and dirt storage lot to the east; and Amazon Logistics distribution warehouse to the west.

According to information obtained from the State Water Resources Control Board's Geo Tracker website, the depth to groundwater in the vicinity of the subject property is inferred to be approximately 80 to 83 feet below ground surface (bgs) and groundwater flow is inferred to be toward the southwest.

## Findings

A *REC* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property; due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment.

- During Partner's site reconnaissance, Partner observed an approximate 500-gallon waste-oil AST on the north side of the steel building at 995 West Markham Street. The subject property was historically occupied by several storage type buildings since at least 1953. The exact historical uses of the site buildings at 995 West Markham during this time period is unknown. However, is presumed to have included automotive repair activities. According to referenced historical aerial photographs, Partner identified numerous unlabeled 55-gallon metal drums stored adjacent to the north of the steel building at 995 West Markham. Additionally, these 55-metal drums were identified in a 2011 Google Street View™ image. The appearance of the drums is indicated of former chemical storage, specifically motor oil. Partner notes that the subject property was not identified on any database which identifies hazardous substance use, hazardous waste generation, USTs, ASTs, releases, or violations. As such, based on the presence of the on-site waste oil AST, and former 55-gallon drums storage, the AST/former drum storage area is considered a REC in connection with the subject property.

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

- Partner did not identify any controlled recognized environmental conditions.

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

- Partner did not identify any historical recognized environmental conditions.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion.



- The subject property has been occupied by Advanced Iron Works for steel/metal cutting, welding, and painting since approximately 2008. During site reconnaissance activities, Partner observed the exteriors of the residence, the steel awnings and work areas, mobile office, and all exterior areas of 945 West Markham Street. Identified hazardous substances and hazardous wastes included welding gases, latex/water-based paints, acetone, and paint reducer. Water-based paint is applied to steel via a HVLP paint gun within a partially enclosed area paved with concrete. HVLP paint guns are rinsed into empty 1-gallon paint containers with acetone. Approximately 15 1-gallon paint cans, one 5-gallon acetone container, one 1-gallon acetone container, and a 1-gallon container of paint reducer were observed on a concrete-paved area within the Advanced Iron Works work area. Paint splatter was observed on a work bench and the concrete-paved area. The observed amounts of hazardous substances appear to be below thresholds for hazardous substance reporting within Riverside County. Based on the relatively small quantities of hazardous substances observed and the lack of observed conduits to the subsurface, the observed hazardous substances at Advance Steel Works are not considered to represent a significant environmental concern to the subject property.
- Partner identified two septic systems on the subject property. One septic system is located adjacent to the north of the onsite residence. No industrial operations are conducted at the residence. A second septic system was noted in an area between the metal cutting/welding area and the mobile office. According to Mr. Stephen Berger (subject property owner), only the restroom within the mobile office is connected to this septic system. Partner did not observe drains or other conduits to the subsurface in the vicinity of the work areas. No hazardous substances were noted within the mobile office. Based on the use of the septic systems solely for sanitary waste, the presence of the septic systems is not considered to represent a significant environmental concern. It should be noted that no septic systems were observed at the subject property parcel located at 995 West Markham Street.
- Due to the age of the subject property building/buildings, there is a potential that ACM and LBP are present. Readily visible suspect ACMs and painted surfaces were observed in good condition. Should these materials be replaced, the identified suspect ACMs would need to be sampled to confirm the presence or absence of asbestos prior to any renovation or demolition activities to prevent potential exposure to workers and/or building occupants.

### **Conclusions, Opinions and Recommendations**

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 945-995 West Markham Street in Perris, Riverside County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property with the exception of the AST/former drum storage area. Consequently, Partner recommends the following:

- A limited subsurface investigation should be conducted at the area adjacent to the north of the 995 Markham steel building in order to determine the presence or absence of soil and/or groundwater contamination due to the historical drum storage and AST at the subject property.
- An O&M Program should be implemented in order to safely manage the suspect ACMs and LBP located at the subject property.

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## 1.0 INTRODUCTION

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Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 945-995 West Markham Street in Perris, Riverside County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

### 1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-13) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the *User* to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "*landowner liability protections*," or "*LLPs*"). ASTM Standard E1527-13 constitutes "*all appropriate inquiry* into the previous ownership and uses of the *property* consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

### 1.2 Scope of Work

The scope of work for this ESA is in accordance with the requirements of ASTM Standard E1527-13. This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments in order to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-13, AULs are the legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in

order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the property.

If requested by Client, this report may also include the identification, discussion of, and/or limited sampling of asbestos-containing materials (ACMs), lead-based paint (LBP), mold, and/or radon.

### **1.3 Limitations**

Partner warrants that the findings and conclusions contained herein were accomplished in accordance with the methodologies set forth in the Scope of Work. These methodologies are described as representing good commercial and customary practice for conducting an ESA of a property for the purpose of identifying recognized environmental conditions. There is a possibility that even with the proper application of these methodologies there may exist on the subject property conditions that could not be identified within the scope of the assessment or which were not reasonably identifiable from the available information. Partner believes that the information obtained from the record review and the interviews concerning the subject property is reliable. However, Partner cannot and does not warrant or guarantee that the information provided by these other sources is accurate or complete, but Partner did evaluate the thoroughness and reliability of such materials. The conclusions and findings set forth in this report are strictly limited to the date of the evaluations. The conclusions presented in the report are based solely on the services described therein, and not on scientific tasks or procedures beyond the scope of agreed-upon services. No other warranties are implied or expressed, except as set forth in the MSA.

Some of the information provided in this report is based upon personal interviews, and research of available documents, records, and maps held by the appropriate government and private agencies. This report is subject to the limitations of historical documentation, availability, and accuracy of pertinent records, and the personal recollections of those persons contacted.

This practice does not address requirements of any state or local laws or of any federal laws other than all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the safety concerns, if any, associated with the subject property.

Environmental concerns, which are beyond the scope of a Phase I ESA as defined by ASTM include the following: ACMs, LBP, radon, and lead in drinking water. These issues may affect environmental risk at the subject property and may warrant discussion and/or assessment; however, are considered non-scope issues except to the extent required to be addressed pursuant to the terms of the MSA. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

In the event of any conflict between the terms and conditions of this report and the terms and conditions of the MSA, the MSA shall control.

### **1.4 User Reliance**

Dedeaux Properties engaged Partner to perform this assessment for SCG/DP MARKHAM ASSEMBLAGE, LLC pursuant to the MSA. This report is for the sole use and benefit of SCG/DP MARKHAM ASSEMBLAGE, LLC, Dedeaux Properties and its affiliates, subsidiaries and assigns and additional third parties designated



by Dedeaux Properties pursuant to the MSA. Additional third parties not designated as reliance parties by Dedeaux Properties or Partner who come into possession of this report or all or part of the information generated as a result of this work shall have no rights of recourse or recovery whatsoever under any course of action against Dedeaux Properties or Partner, its or their respective officers, employees, vendors, successors or assigns. In the event of any conflict between the terms and conditions of this report and the terms and conditions of the master services agreement between Dedeaux and Partner (the "MSA"), the MSA shall control.

## **1.5 Limiting Conditions**

The findings and conclusions contain all of the limitations inherent in these methodologies that are referred to in ASTM E1527-13.

Specific limitations and exceptions to this ESA are more specifically set forth below:

- Interviews with past owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment and is not a significant data gap.
- Partner requested information relative to deed restrictions and environmental liens, a title search, and completion of the AAI User Questionnaire from the Report User. This information was not provided at the time of the assessment; however, is not anticipated to alter the overall findings of this assessment. This does not represent a significant data gap.
- Partner was not able to document the historical use of the subject property prior to 1938. The following sources were reviewed during the course of this assessment and found to be limited: aerial photographs were not available prior to 1938; city directories were not available prior to 1991; topographic maps prior to 1942 were not reasonably ascertainable from local agencies; and other historical sources such as fire insurance maps did not provide coverage of the subject property. This data failure is not considered critical or significant and does not change the conclusions of this report, as the 1938 aerial photograph revealed the subject property to be farmland with a presumed residence at the northwest side. In addition, the adjacent and surrounding areas are also shown mostly as farmland with limited residential development.
- Partner was unable to determine the property use at 5-year intervals, which constitutes a data gap. Information concerning historical use of the subject property was unavailable from the 1950s to the 1990. Except for property tax files and recorded land title records, which were not considered to be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate interviews. This data gap does represent a significant data gap regarding the former use of the subject property.
- Partner submitted Freedom of Information Act (FOIA) requests to the Perris City Clerk's Office for information pertaining to hazardous substances, underground storage tanks, releases, inspection records, etc. for the subject property and/or adjacent properties. As of this writing, this agency has not responded to Partner's request. Building permits dated from 1982 and 1985 were

available with the Riverside County Transportation and Land Management Agency (RCTMLA) for the subject property, indicating that the subject property area was not incorporated into the City of Perris until sometime after 1985. As the property was identified to be developed, these records do not constitute a data gap and are not expected to alter the findings of this assessment.

- Partner observed the exteriors of the residence, the steel awnings and work areas, mobile office, and all exterior areas of 945 West Markham Street; the exterior areas of the mobile home and steel building and northern exterior of 995 West Markham Street. Partner's view of the ground during the site assessment was obstructed due to excessive storage. Additionally, Partner was not provided with access to the mobile home at 995 West Markham Street. Partner observed an approximately 500-gallon AST on the north side of the steel building at 995 West Markham Street. Based on the presence of the AST observed at 995 West Markham Street and the unknown use of the subject property, the potential exists that subsurface impacts are present on the subject property. Based on information obtained from other historical sources, this limitation is not expected to alter the overall findings of this assessment.

## 2.0 SITE DESCRIPTION

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### 2.1 Site Location and Legal Description

The subject property at 945-995 West Markham Street in Perris, California is located on the south side of West Markham Street. According to the Riverside County Assessor, the subject property is legally described as:

(Eastern Parcel) - 2.04 ACRES NET IN PAR 2 PM 017/013 PM 6304 Subdivision Name PM 6304 Acres 002.04 NET Lot Type Parcel Parcel 2 Rec Map Type Parcel Map Map Plat B 017 Map Plat P 013, and ownership is currently vested in Stephen Berger since 2001;

(Western Parcel) - 2.04 ACRES NET IN PAR 1 PM 017/013 PM 6304 Subdivision Name PM 6304 Acres 002.04 NET Lot Type Parcel Parcel 1 Rec Map Type Parcel Map Map Plat B 017 Map Plat P 013 Manuf Name REDMAN Make KIRKWOOD Model KIRKWOOD Year 1985 Serial Number 12611329A Decal Number LAJ1222 HCD 308161 Serial Number 12611329B HCD 308162, and ownership is currently vested in Donald Dean Robinson since 1990.

Please refer to Figure 1: Site Location Map, Figure 2: Site Plan, Figure 3: Topographic Map, and Appendix A: Site Photographs for the location and site characteristics of the subject property.

### 2.2 Current Property Use

The subject property is currently occupied by Advanced Iron Works & a Residence (945 West Markham Street) and an abandoned mobile home and steel building (995 West Markham Street) for commercial/residential/light industrial use. Onsite operations consist of residential activities, steel/metal cutting, welding, and painting, as well as general office use. In addition to the current residence structure, the subject property is also improved with a mobile home, a steel building, metal awnings for steel/metal work, a mobile office, at least two confirmed septic systems, an in-ground swimming pool, concrete paved workspaces beneath steel awnings, a concrete driveway, a dirt bike track, abandoned vehicle storage area and landscaping.

The subject property is designated for residential/commercial development by the City of Perris.

The subject property was not identified in the regulatory database report of Section 4.2.

### 2.3 Current Use of Adjacent Properties

The subject property is located within a mixed commercial/light industrial/residential area of Riverside County. During the vicinity reconnaissance, Partner observed the following land use on properties in the immediate vicinity of the subject property:

#### *Immediately Surrounding Properties*

North: West Markham Street beyond which is XPO Logistics (4413 Patterson Avenue)

South: CO Parts of Perris (4332 North Webster Avenue)

East: A residence (895 West Markham Street)

West: Amazon Logistics (4501 Patterson Avenue)

The adjacent property to the south was identified as a RCRA NonGenerator, Riverside County Hazardous Waste Generator and Hazardous Materials Storage site; the adjacent property to the north was identified as a RCRA NonGenerator, Riverside County Hazardous Waste Generator, Hazardous Materials Storage,

CERS Hazardous Waste, and RCRA-SQG site in the regulatory database report as further discussed in Section 4.2.

## **2.4 Physical Setting Sources**

### **2.4.1 Topography**

The United States Geological Survey (USGS) *Quadrangle Name, California* Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property is located at approximately 1,488 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping gently toward the southwest. The subject property is depicted on the 2015 map as undeveloped.

A copy of the most recent topographic map is included as Figure 3 of this report.

### **2.4.2 Hydrology**

According to topographic map interpretation, the direction of groundwater flow in the vicinity of the subject property is inferred to be toward the southwest. The nearest surface water in the vicinity of the subject property is the Perris Valley Storm Drain located approximately 2,783-feet north-northeast of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the Eastern Municipal Water District (EMWD) serves the subject property vicinity. According to the 2020 EMWD Consumer Confidence Report, shallow groundwater directly beneath the subject property is not utilized for domestic purposes. The sources of public water for the City of Perris are surface water imported from northern California through the State Water Project, two Moreno Valley wells, three Perris Valley wells, treated water from the Colorado River, and groundwater from the Menifee, North Canyon Lake and Quail Valley communities.

According to a previous subsurface investigation conducted on a nearby property (4039 North Perris Boulevard and Case # T0606524504), the depth of groundwater in the vicinity of the subject property is inferred to be approximately 80 to 83 feet below ground surface (bgs) and groundwater flow was measured to flow toward the southwest.

### **2.4.3 Geology/Soils**

The subject property is situated within the Peninsular ranges of the geomorphic province of the State of California. The Peninsular range is series of ranges separated by northwest trending valleys and traversed by several major active faults. The Whittier-Elsinore, San Jacinto, Newport-Inglewood, and San Andreas faults are major active fault systems located in the vicinity of the subject property. The Peninsular ranges extend into lower California, are bound to the east by the Colorado River, and extend into the Los Angeles Basin and the island group surrounding the continental shelf.

Based on information obtained from the USDA Natural Resources Conservation Service Web Soil Survey online database, the subject property is mapped as Ramona sandy loam and Pachappa fine sandy loam. The Ramona series consists of alluvium derived from granite and is considered to be well drained with a moderately high to high permeability rate and a moderate available water storage capacity. The Pachappa series consists of alluvium derived from granite and is considered to be well drained with a

moderately high to high permeability rate and a moderate available water storage capacity. Slopes range from 0 to 2 percent.

#### **2.4.4 Flood Zone Information**

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 00665C-1430H, dated August 18, 2014, the subject property appears to be located in Zone X, an area located outside of the 100-year and 500-year flood plains.

A copy of the reviewed flood map is not included in Appendix B of this report.

### 3.0 HISTORICAL INFORMATION

Partner obtained historical use information about the subject property from a variety of sources. A chronological listing of the historical data found is summarized in the table below:

<i>Historical Use Information</i>		
Period/Date	Source	Description/Use
1938-1953	Aerial Photographs, Topographic Maps	Presumed residential and agricultural
1953-1976	Aerial Photographs, Topographic Maps	Presumed residential with numerous agricultural and/or storage structures (including existing steel building at 995 West Markham Street)
1976-2008	Aerial Photographs, Agency Records, City Directories, Topographic Maps	Residential and presumed commercial automotive repair with storage yard
2008-Present	Aerial Photographs, Agency Records, City Directories, Interviews, Onsite Observations, Topographic Maps	Residential, vacant and commercial metal fabrication

According to available historical sources, the subject property was formerly developed with agricultural fields and a residence by at least 1938; a residence, agricultural land, an agricultural type building (including what appears to be the existing steel building at 995 West Markham Street) by 1953; remained as agricultural type structures and the existing residence at 945 West Markham Street from 1953 to 1976; was developed with the existing residence building in 1976; and was developed with the existing awnings currently utilized for steel/metal work in 1985. The subject property has remained developed with the current improvements operating as a metal fabrication and storage yard plus residence from 1985 to present. Known tenants on the subject property have included residential listings (1991-Present) and Advanced Iron Works (2008-Present).

The subject property parcel was historically used for agricultural purposes. There is a potential that agricultural related chemicals such as pesticides, herbicides, and fertilizers, may have been used and stored onsite. The subject property is either paved over or covered by building structures that minimize direct contact to any potential remaining concentrations in the soil. Additionally, during previous site development activities, near surface soils (where residual agricultural chemical concentrations would have most likely been present, if at all) were likely mixed with fill material or disturbed during grading. Also, it is common that engineered fill material is placed over underlying soils as part of the development activities. These additional variables serve to further reduce the potential for exposure to residual agricultural chemicals (if any). Based on these reasons, Partner concludes that the possible former use of agricultural chemicals is not a significant environmental concern.

#### 3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Risk Information Services (ERIS). The following was observed on the subject property and adjacent properties during the aerial photograph review:

<i>Date:</i> 1938	<i>Scale:</i> 1" = 500'
Subject Property:	Developed with agricultural fields and what appears to be a residence on the northwest corner



<i>Date:</i>	1938	<i>Scale:</i>	1"=500'
North:	Developed with agricultural fields across a road		
South:	Developed with agricultural fields		
East:	Developed with agricultural fields		
West:	Developed with agricultural fields across a road		

<i>Date:</i>	1953	<i>Scale:</i>	1"=500'
Subject Property:	Several storage structures are visible on the northwestern area including what appears to be the configuration of the steel building at 995 West Markham Street. Remaining property appears as agricultural land with a residence on the northwest corner of the site.		
North:	No significant changes visible		
South:	No significant changes visible		
East:	No significant changes visible		
West:	No significant changes visible		

<i>Date:</i>	1959, 1966, 1970	<i>Scale:</i>	1"=500'
Subject Property:	Further additional structures are visible on the north-central area including what appears to be the steel building at 995 West Markham Street; no other significant changes visible		
North:	No significant changes visible		
South:	No significant changes visible		
East:	No significant changes visible		
West:	No significant changes visible		

<i>Date:</i>	1976	<i>Scale:</i>	1"=500'
Subject Property:	Appears developed with the residence building at 945 West Markham Street; the existing steel building at 995 West Markham Street; and approximately three storage structures at the northwestern side of the site		
North:	No significant changes visible		
South:	No significant changes visible		
East:	A residence is visible, followed by agricultural land		
West:	No significant changes visible		

<i>Date:</i>	1985	<i>Scale:</i>	1"=500'
Subject Property:	Appears further developed with portions of the existing steel awnings currently utilized as the steel/metal works areas; no other significant changes visible		
North:	No significant changes visible		
South:	No significant changes visible		
East:	No significant changes visible		
West:	No significant changes visible		

<i>Date:</i>	1994, 1997	<i>Scale:</i>	1"=500'
Subject Property:	Appears further developed with vehicle, semi-truck containers, and/or a storage yard is visible on the western portion of the site; no other significant changes visible		
North:	No significant changes visible		
South:	No significant changes visible		
East:	No significant changes visible		

*Date:* 1994, 1997 *Scale:* 1"=500'  
West: No significant changes visible

*Date:* 2002, 2005, 2006 *Scale:* 1"=500'  
Subject Property: No significant changes visible  
North: No significant changes visible  
South: Appears developed with material, junk yard and vehicle storage  
East: Appears developed with a residence and commercial storage warehouse building  
West: No significant changes visible

*Date:* 2010, 2012, 2014, 2016 *Scale:* 1"=500'  
Subject Property: Appears further developed with additional awnings, resembling the current metal workshop configuration; no significant changes visible  
North: No significant changes visible  
South: Appears developed with the current junkyard/vehicle storage lot  
East: Appears developed with a residence and commercial storage warehouse building along with a gravel parking lot  
West: No significant changes visible

*Date:* 2018 *Scale:* 1"=500'  
Subject Property: No significant changes visible  
North: Appears developed as a commercial warehouse/distribution building across Markham Street  
South: No significant changes visible  
East: No significant changes visible  
West: No significant changes visible

*Date:* 2020 *Scale:* 1"=500'  
Subject Property: No significant changes visible  
North: No significant changes visible  
South: No significant changes visible  
East: No significant changes visible  
West: Appears developed as a commercial warehouse/distribution building

Copies of select aerial photographs are included in Appendix B of this report.

### 3.2 Fire Insurance Maps

Partner reviewed the collection of Sanborn Fire insurance maps from Environmental Risk Information Services (ERIS). Sanborn map coverage was not available for the subject property.

### 3.3 City Directories

Partner reviewed historical city directories obtained from Environmental Risk Information Services (ERIS) for past names and businesses that were listed for the subject property and adjacent properties. The findings are presented in the following table:

<i>City Directory Search for 945-995 West Markham Street (Subject Property)</i>	
Year(s)	Occupant Listed
1971, 1986	Street not listed

### City Directory Search for 945-995 West Markham Street (Subject Property)

Year(s)	Occupant Listed
1991	Fisher Wayne (945 Markham); DeLeon Martha, Garcia Luis (995 Markham)
1996	XXXX (945 Markham)
2000	Fisher Wayne (945 Markham)
2003	No listings
2008	Advance Iron Works Ornamental Iron Works (945 Markham)
2012	Berger Stephen, Laura Berger Residential (945 Markham)
2016	Advance Iron Works Ornamental Iron Works (945 Markham)
2020	Advance Iron Works Ornamental Iron Works, Laura Berger (945 Markham)

\* XXXX= A phone number is present but is not registered to a tenant or is disconnected.

According to the city directory review, the subject property has been occupied by Advance Iron Works since 2008. Prior to 2008, the subject property was occupied by residential listings.

### City Directory Search for Adjacent Properties

Year(s)	Occupant Listed
1971, 1986	Street not listed
1991	Dean Dennis, Dean Suzanne, Huston Toni (895 Markham)
1996	XXXX (895 Markham)
2000	Dean Dennis (895 Markham)
2003	No listings
2008	No listings
2012	Jeff Carpenter, Heath Carpenter (895 Markham)
2016	Michael Ohanlon (895 Markham)
2020	Heath Carpenter, Michael Ohanlon (895 Markham)

\* XXXX= A phone number is present but is not registered to a tenant or is disconnected.

Based on the city directory review, no environmentally sensitive listings were identified for the adjacent property addresses.

Copies of reviewed city directories are included in Appendix B of this report.

## 3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from Environmental Risk Information Services (ERIS). The following was observed on the subject property and adjacent properties during the topographic map review:

*Date:* 1942

Subject Property:	Undeveloped
North:	Undeveloped across a road
South:	Undeveloped
East:	Undeveloped
West:	Undeveloped across an unpaved road

*Date:* 1953

Subject Property:	Depicted as developed with a small structure and an open structure on the northwest and north-central portions of the site
North:	Undeveloped across Markham Street
South:	No significant changes depicted

*Date:* 1953

East: No significant changes depicted  
West: No significant changes depicted

*Date:* 1967

Subject Property: Depicted as developed with a small structure on the northwest and north-central areas  
North: Undeveloped across Markham Street  
South: No significant changes depicted  
East: No significant changes depicted  
West: No significant changes depicted

*Date:* 1973, 1979

Subject Property: Depicted as developed with a small structure and four open or storage structure on the northwest and north-central portions of the site  
North: Undeveloped across Markham Street  
South: No significant changes depicted  
East: No significant changes depicted  
West: No significant changes depicted

ERIS also provided a map dated 1901 and 1978 for which the subject property and surrounding vicinities are unmapped. Additionally, the 2015 map series depicts roadways, water bodies, and contour lines with no additional structure information.

Copies of reviewed topographic maps are included in Appendix B of this report.

## 4.0 REGULATORY RECORDS REVIEW

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### 4.1 Regulatory Agencies

#### 4.1.1 Health Department

##### *Regulatory Agency Data*

Name of Agency: Riverside County Health Department of Environmental Health (RCDEH)  
Point of Contact: Renita Clause  
Agency Address: 4065 County Circle Drive, Room 104  
Agency Phone Number: (951) 358-7018  
Date of Contact: March 23, 2022  
Method of Communication: Email  
Summary of Communication: No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the RCDEH.

#### 4.1.2 Fire Department

##### *Regulatory Agency Data*

Name of Agency: Perris Fire Department Office of the Fire Marshall (PFDOFM)  
Point of Contact: Office of the City Clerk  
Agency Address: 101 North D Street, Perris, California  
Agency Phone Number: (951) 943-5003  
Date of Contact: March 23, 2022  
Method of Communication: Online  
Summary of Communication: No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the PFDOFM. The city of Perris Fire Department does not conduct regular inspection of the subject property.

#### 4.1.3 Air Pollution Control Agency

##### *Regulatory Agency Data*

Name of Agency: Air Quality Management District (AQMD)  
Point of Contact: FINDS Database  
Agency Address: 21865 Copley Drive, Diamond Bar, California 91765  
Agency Phone Number: (909) 396-2000  
Date of Contact: March 23, 2022  
Method of Communication: Online  
Summary of Communication: No Permits to Operate (PTO), Notices of Violation (NOV), or Notices to Comply (NTC) or the presence of AULs, dry cleaning machines, or USTs were on file for the subject property with the AQMD.

#### **4.1.4 Regional Water Quality Agency**

##### *Regulatory Agency Data*

Name of Agency: Regional Water Quality Control Board (RWQCB)  
Point of Contact: <http://geotracker.waterboards.ca.gov/>  
Agency Phone Number: (916) 323-2514  
Date of Contact: March 23, 2022  
Method of Communication: Online database  
Summary of Communication: No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the RWQCB.

#### **4.1.5 Department of Toxic Substances Control**

##### *Regulatory Agency Data*

Name of Agency: California Department of Toxic Substances Control (DTSC)  
Point of Contact: <http://www.envirostor.dtsc.ca.gov/public/>  
<http://www.hwts.dtsc.ca.gov/>  
Agency Phone Number: (714) 484-5400  
Date of Contact: March 23, 2022  
Method of Communication: Online  
Summary of Communication: No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the DTSC.

#### **4.1.6 Building Department**

##### *Regulatory Agency Data*

Name of Agency: Perris Building Department (PBD)  
Point of Contact: Office of the City Clerk  
Agency Address: 101 North D Street, Perris, California  
Agency Phone Number: (951) 956-2925  
Date of Contact: March 23, 2022  
Method of Communication: Online  
Summary of Communication: Building permits dated from 1982 and 1985 were available with the Riverside County Transportation and Land Management Agency (RCTMLA) for the subject property, indicating that the subject property area was not incorporated into the City of Perris until sometime after 1985. As the property was identified to be developed, these records do not constitute a data gap and are not expected to alter the findings of this assessment.



#### 4.1.7 County Building & Planning Department

##### *Regulatory Agency Data*

Name of Agency: Riverside County Transportation and Land Management Agency (TLMA)  
Point of Contact: Online database  
Agency Phone Number: (951) 955-2459  
Date of Contact: March 23, 2022  
Method of Communication: Online  
Summary of Communication: Records were available for review, as further discussed in the following table

##### *Planning Records Reviewed for 945-995 West Markham Street (Subject Property)*

Year(s)	Owner/Applicant	Description
1982	Robert Smith	Propane gas line (995 West Markham Street)
1985	Conrad's Mobile Home	Mobile home installation (995 West Markham Street)

#### 4.1.8 Oil & Gas Exploration

##### *Regulatory Agency Data*

Name of Agency: California Geologic Energy Management (Cal Gem)  
Agency Address: <http://maps.conservation.ca.gov/doms/doms-app.html>  
Agency Phone Number: (916) 322-1080  
Date of Contact: March 23, 2022  
Method of Communication: Online database  
Summary of Communication: According to Cal GEM, no oil or gas wells are located on or adjacent to the subject property.

#### 4.1.9 Assessor's Office

##### *Regulatory Agency Data*

Name of Agency: Riverside County Assessor (RCA)  
Agency Address: 4080 Lemon St, 1st Floor Riverside, CA 92501  
Agency Phone Number: (951) 955-9553  
Date of Contact: March 23, 2022  
Method of Communication: Online Database  
Summary of Communication: According to records reviewed, the subject property is identified by Assessor Parcel Number (APN) 314-170-009 and -010. The current residence at 945 Markham Street was constructed in 1976 and totals approximately 1,691 square feet and a mobile home located on 995 Markham Street was installed in 1985 and totals 1,848 square feet. The total subject property acreage is 4.06 acres.

#### 4.2 Mapped Database Records Search

Information from standard federal, state, county, and city environmental record sources was provided by Environmental Risk Information Services (ERIS). Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. The information contained in this report was compiled from publicly available sources and the locations of the sites are plotted utilizing

a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

Using the ASTM definition of migration, Partner considers the migration of hazardous substances or petroleum products in any form onto the subject property during the evaluation of each site listed on the radius report, which includes solid, liquid, and vapor.

#### 4.2.1 Regulatory Database Summary

<i>Radius Report Data</i>				
Database	Search Radius (mile)	Subject Property	Adjacent Properties	Sites of Concern
Federal NPL or Delisted NPL Site	1.00	N	N	N
Federal CERCLIS Site	0.50	N	N	N
Federal CERCLIS-NFRAP Site	0.50	N	N	N
Federal RCRA CORRACTS Facility	1.00	N	N	N
Federal RCRA TSD Facility	0.50	N	N	N
Federal RCRA Generators Site (LQG, SOG, CESQG)	0.25	N	Y	N
Federal IC/EC Registries	0.50	N	N	N
Federal ERNS Site	Subject Property	N	N	N
State/Tribal Equivalent NPL	1.00	N	N	N
State/Tribal Equivalent CERCLIS	1.00	N	N	N
State/Tribal Landfill/Solid Waste Disposal Site	0.50	N	N	N
State/Tribal Leaking Storage Tank Site	0.50	N	N	N
State/Tribal Registered Storage Tank Sites (UST/AST)	0.25	N	N	N
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	N	N	N
State/Tribal Spills	0.125	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N
Non-ASTM Databases	Varies	N	Y	N

#### 4.2.2 Subject Property Listings

The subject property is not identified in the regulatory database report.

#### 4.2.3 Adjacent Property Listings

The adjacent property to the south was identified as a RCRA NonGenerator, Riverside County Hazardous Waste Generator and Hazardous Materials Storage site in the regulatory database report, as discussed below:

- The property, identified as Copart at 4332 Webster Avenue, is located adjacent to the south of the subject property. This site was identified as a non-generator of RCRA classified hazardous waste in August of 2020. The site was identified as a Riverside County Hazardous Waste Generator and Hazardous Materials Storage site and has received administrative violations and a violation for handling hazardous materials above threshold quantities without a valid RCDEH permit. Additionally, the database noted that this facility is an auto auction that generates oily absorbent

and oily soil from vehicle releases. The facility has been open since 2019 and has not generated enough waste for a hazardous waste pick up therefore no manifests were available on site. The facility is currently using FM-186 to treat any oily spills on the soil. The facility must containerize any spills on the soil by removing all contaminated soil and placing it in a properly labeled hazardous waste drum. Based on the lack of reported releases and the down gradient location of the facility, this listing is not a significant environmental concern and it is unlikely that a regulatory file review for this site would alter the findings of this assessment.

The adjacent property to the north was identified as a RCRA NonGenerator, Riverside County Hazardous Waste Generator, Hazardous Materials Storage, CERS Hazardous Waste, and RCRA-SQG site in the regulatory database report, as discussed below:

- The property, identified as Gama Bro's Inc/GXO Logistics at 4413 Patterson Avenue, is located adjacent to the north of the subject property. This site was identified as a non-generator of RCRA classified hazardous waste in July of 2018. The site was identified as a Riverside County Hazardous Waste Generator and Hazardous Materials Storage site and has received administrative violations from the RCDEH. The site was identified as an RCRA small quantity hazardous waste generator (ignitable waste and corrosive waste) in November of 2021. Based on the lack of reported releases, this listing is not a significant environmental concern and it is unlikely that a regulatory file review for this site would alter the findings of this assessment.

Based on the findings, vapor migration is a significant environmental concern.

#### **4.2.4 Sites of Concern Listings**

No sites of concern are identified in the regulatory database report.

#### **4.2.5 Orphan Listings**

No orphan listings are identified

A copy of the regulatory database report is included in Appendix C of this report.

## 5.0 USER PROVIDED INFORMATION AND INTERVIEWS

In order to qualify for one of the *Landowner Liability Protections (LLPs)* offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the *Brownfields Amendments*), the *User* must conduct the following inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31. The *User* should provide the following information to the *environmental professional*. Failure to provide this information could result in a determination that *all appropriate inquiries* is not complete. The *User* is asked to provide information or knowledge of the following:

- Review Title and Judicial Records for Environmental Liens and AULs
- Specialized Knowledge or Experience of the User
- Actual Knowledge of the User
- Reason for Significantly Lower Purchase Price
- Commonly Known or *Reasonably Ascertainable* information
- Degree of Obviousness
- Reason for Preparation of this Phase I ESA

Fulfillment of these user responsibilities is key to qualification for the identified defenses to CERCLA liability. Partner requested our Client to provide information to satisfy User Responsibilities as identified in Section 6 of the ASTM guidance.

Pursuant to ASTM E1527-13, Partner requested the following site information from Dedeaux Properties (User of this report).

### *User Responsibilities*

Item	Provided By User	Not Provided By User	Discussed Below	Does Not Apply
AAI User Questionnaire			X	
Title Records, Environmental Liens, and AULs			X	
Specialized Knowledge			X	
Actual Knowledge			X	
Valuation Reduction for Environmental Issues			X	
Identification of Key Site Manager	Section 5.1.3			
Reason for Performing Phase I ESA	Section 1.1			
Prior Environmental Reports		X		
Other		X		

## 5.1 Interviews

### 5.1.1 Interview with Owner

Mr. Stephen Berger, subject property owner, was not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum

products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

According to Mr. Berger, he has operated his business at the subject property since approximately 2008. Mr. Berger indicated that he rinses out HVLP spray paint guns using acetone into empty one gallon paint cans for disposal at the Perris Fire Department's hazardous waste collection events. Mr. Berger indicated that only small amounts of painting are conducted and that his main business function is metal fabrication. Mr. Berger indicated that two septic tanks are located at the subject property, which only accept sanitary waste from the restrooms within the onsite residence and mobile office.

The owner or owner representative of the western parcel of the subject property since 1991, identified as Donald Dean Robinson, was not available to be interviewed at the time of the assessment.

### **5.1.2 Interview with Report User**

Please refer to Section 5.2 below for information requested from the Report User. The information requested was not received prior to the issuance of this report; however, the lack of this information is not considered to represent a significant data gap.

### **5.1.3 Interview with Key Site Manager**

Mr. Stephen Berger, key site manager, is also the subject property owner.

### **5.1.4 Interviews with Past Owners, Operators and Occupants**

Interviews with past owners, operators and occupants were not conducted since information regarding the potential for contamination at the subject property was obtained from other sources.

### **5.1.5 Interview with Others**

As the subject property is not an abandoned property as defined in ASTM 1527-13, interview with others were not performed.

## **5.2 User Provided Information**

### **5.2.1 Title Records, Environmental Liens, and AULs**

Partner was not provided with title records or environmental lien and AUL information for review as part of this assessment. A specific search for environmental liens and activity and use limitations was not included in the scope of work for this ESA. However, based on information obtained from the Key Site Manager, User and the ERIS Radius Map Report, no evidence of environmental liens recorded against the subject property was found. In addition, according to the ERIS-provided information for the subject property, no evidence of institutional controls, land use restrictions and/or engineering control requirements recorded against the subject property was reported.

### **5.2.2 Specialized Knowledge**

No specialized knowledge of environmental conditions associated with the subject property was provided by the User at the time of the assessment.

### **5.2.3 Actual Knowledge of the User**

No actual knowledge of any environmental lien or AULs encumbering the subject property or in connection with the subject property was provided by the User at the time of the assessment.

### **5.2.4 Valuation Reduction for Environmental Issues**

No knowledge of valuation reductions associated with the subject property was provided by the User at the time of the assessment.

### **5.2.5 Commonly Known or Reasonably Ascertainable Information**

The User did not provide information that is commonly known or *reasonably ascertainable* within the local community about the subject property at the time of the assessment.

### **5.2.6 Previous Reports and Other Provided Documentation**

No previous reports or other pertinent documentation was provided to Partner for review during the course of this assessment.



## 6.0 SITE RECONNAISSANCE

The weather at the time of the site visit was sunny and clear. Refer to Section 1.5 for limitations encountered during the field reconnaissance and Sections 2.1 and 2.2 for subject property operations. The table below provides the site assessment details:

### *Site Assessment Data*

Site Assessment Performed By: Colin Donohue  
Site Assessment Conducted On: March 24, 2022

The table below provides the subject property personnel interviewed during the field reconnaissance:

### *Site Visit Personnel for 945-995 West Markham Street (Subject Property)*

Name	Title/Role	Contact Number	Site Walk* Yes/No
Stephen Berger	Key Site Manager	(951) 657-6676	Yes

\* Accompanied Partner during the field reconnaissance activities and provided information pertaining to the current operations and maintenance of the subject property

No potential environmental concerns were identified during the onsite reconnaissance.

### 6.1 General Site Characteristics

#### 6.1.1 Solid Waste Disposal

Solid waste generated at the subject property is disposed of in residential trash cans located on the subject property. An independent solid waste disposal contractor removes solid waste from the subject property. According to property personnel, only household trash is collected in the on-site solid waste dumpsters. Solid waste generated at the subject property includes waste metal/steel. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

#### 6.1.2 Sewage Discharge and Disposal

Sanitary discharges from the subject property are directed to an onsite septic system, as further discussed in Section 6.1.7.

#### 6.1.3 Surface Water Drainage

Storm water is removed from the subject property primarily by sheet flow action across the paved surfaces and unpaved towards storm water drains located in the public right of way as ground infiltration. On-site storm water drains discharge to a municipal owned and maintained storm sewer system

The subject property does not appear to be a designated wetland area, based on information obtained from the United States Fish & Wildlife Service; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons are located on the subject property. No drywells were identified on the subject property.

#### **6.1.4 Source of Heating and Cooling**

Heating and cooling systems as well as domestic hot water equipment are fueled by electricity/ propane gas provided by Edison and Amerigas. Hot water is provided by propane and electric hot water heaters.

#### **6.1.5 Wells and Cisterns**

No aboveground evidence of wells or cisterns was observed during the site reconnaissance.

#### **6.1.6 Wastewater**

Domestic wastewater generated at the subject property is disposed by means of the septic system. Industrial processes conducted at the subject property included metal cutting, welding, and painting. No exterior drains or conduits to the subsurface or septic systems were identified at the subject property. Only onsite restrooms were noted to drain to the septic systems.

#### **6.1.7 Septic Systems**

Partner identified two septic systems on the subject property. One septic system is located adjacent to the north of the onsite residence. No industrial operations are conducted at the residence. A second septic system was noted in an area between the metal cutting/welding area and the mobile office. According to Mr. Stephen Berger, only the restroom within the mobile office is connected to this septic system. Partner did not observe drains or other conduits to the subsurface in the vicinity of the work areas. No hazardous substances were noted within the mobile office. Based on the use of the septic systems solely for sanitary waste, the presence of the septic systems is not considered to represent a significant environmental concern. It should be noted that no septic systems were observed at the subject property parcel located at 995 West Markham Street. However, one concrete sanitary waste holding tank was present at the northern central portion of the 995 West Markham parcel. Pumping of the holding tank occurs on an as needed basis.

#### **6.1.8 Additional Site Observations**

No additional general site characteristics were observed during the site reconnaissance.

### **6.2 Potential Environmental Hazards**

#### **6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Subject Property**

Partner identified hazardous substances used, stored, and/or generated on the subject property as noted in the following table:

<i>Hazardous Substances and/or Petroleum Products Noted Onsite</i>				
Substance	Container Size	Location	Nature of Use	Disposal Method
Paints	15 1-gallon cans	Paint storage area on west side of metal shop	HLVP painting of metal	N/A
Acetone	One 5-gallon & one 1-gallon	Paint storage area on west side of metal shop	Cleaning paint gun	Removed from site by owner
Paint reducer	One 1-gallon container	Paint storage area on west side of metal shop	Thin paint for HLVP painting of metal	N/A

Partner observed welding gases, latex/water-based paints, acetone, and paint reducer. Water-based paint is applied to steel via a HVLP paint gun within a partially enclosed area paved with concrete. HVLP paint guns are rinsed into empty 1-gallon paint containers with acetone. Approximately 15 1-gallon paint cans, one 5-gallon acetone container, one 1-gallon acetone container, and a 1-gallon container of paint reducer were observed on a concrete-paved area within the Advanced Iron Works work area. Paint splatter was observed on a work bench and the concrete-paved area. The observed amounts of hazardous substances appear to be below thresholds for hazardous substance reporting within Riverside County. Based on the relatively small quantities of hazardous substances observed and the lack of conduits to the subsurface, the observed hazardous substances are not considered to represent a significant environmental concern.

### **6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)**

No evidence of current or former USTs was observed during the site reconnaissance.

During Partner's site reconnaissance, Partner observed an approximately 500-gallon waste oil AST on the north side of the steel building at 995 West Markham Street. The subject property was historically occupied by several storage type buildings since at least 1953. However, Partner notes that the AST is not present on-site until 2014. According to the key site manager, the AST was installed for the purpose of waste oil storage and is not equipped with secondary containment. No staining, leaks or spills were noted in the vicinity of the ASTs, and no releases have been reported to the Regional Water Quality Control Board (RWQCB); however, due to the lack of secondary containment, the AST is considered a REC in connection with the subject property.

### **6.2.3 Evidence of Releases**

Paint splatter was observed on a work bench and the concrete-paved area. Based on the relatively small quantities of hazardous substances observed and the lack of conduits to the subsurface, the observed paint splatter is not considered to represent a significant environmental concern.

No other spills, stains or other indications that a surficial release has occurred at the subject property were observed at the time of the site assessment.

### **6.2.4 Polychlorinated Biphenyls (PCBs)**

No potential PCB-containing equipment (transformers, oil-filled switches, hoists, lifts, dock levelers, hydraulic elevators, etc.) was observed on the subject property during Partner's reconnaissance.

### **6.2.5 Strong, Pungent or Noxious Odors**

No strong, pungent or noxious odors were evident during the site reconnaissance.

### **6.2.6 Pools of Liquid**

No pools of liquid were observed on the subject property during the site reconnaissance.

### **6.2.7 Drains, Sumps and Clarifiers**

No drains, sumps, or clarifiers, other than those associated with storm water removal, were observed on the subject property during the site reconnaissance.

### 6.2.8 Pits, Ponds and Lagoons

No pits, ponds or lagoons were observed on the subject property.

### 6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

### 6.2.10 Additional Potential Environmental Hazards

No additional environmental hazards, including landfill activities or radiological hazards, were observed.

## 6.3 Non-ASTM Services

### 6.3.1 Asbestos-Containing Materials (ACMs)

Asbestos is the name given to a number of naturally occurring, fibrous silicate minerals mined for their useful properties such as thermal insulation, chemical and thermal stability, and high tensile strength. The Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.1101 requires certain construction materials to be presumed to contain asbestos, for purposes of this regulation. All thermal system insulation (TSI), surfacing material, and asphalt/vinyl flooring that are present in a building that have not been appropriately tested are "presumed asbestos-containing material" (PACM).

The subject property buildings were constructed in 1953 and 1976. A limited, visual evaluation of accessible areas for the presence of suspect ACMs at the subject property was conducted. The objective of this visual survey was to note the presence and condition of suspect ACM observed. Please refer to the table below for identified suspect ACMs:

<i>Suspect ACMs</i>			
Suspect ACM	Location	Friable Yes/No	Physical Condition
Drywall Systems	Throughout Building Interior	No	Good
Floor Tiles	Throughout Building Interior	No	Good
Floor Tile Mastic	Throughout Building Interior	No	Good
Stucco	Throughout Building Exterior	Yes	Good

Based on this building's date of construction, prior to disturbance, Partner recommends a comprehensive asbestos survey of the property be completed to determine the presence, condition, friability and likely future condition of suspect or confirmed ACM. All suspect materials must be handled as ACM according to local, state and federal regulations until the results of sampling and analysis indicate the material is a non-ACM. According to the US EPA, ACM that is intact and in good condition can, in general, be managed safely in-place under an Operations and Maintenance (O&M) Program until removal is dictated by renovation, demolition, or deteriorating material condition.

The limited visual survey consisted of noting observable materials (materials which were readily accessible and visible during the course of the site reconnaissance) that are commonly known to potentially contain asbestos. This activity was not designed to discover all sources of suspect ACM, PACM, or asbestos at the site; or to comply with any regulations and/or laws relative to planned disturbance of building materials such as renovation or demolition, or any other regulatory purpose. Rather, it is intended to give the User

an indication if significant (significant due to quantity, accessibility, or condition) potential sources of ACM or PACM are present at the subject property. Additional sampling, assessment, and evaluation will be warranted for any other use.

Partner was not provided building plans or specifications for review, which may have been useful in determining areas likely to have used ACM.

### **6.3.2 Lead-Based Paint (LBP)**

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm<sup>2</sup> (or 5,000 ug/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as "Title X", to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

Based on the age of the subject property building (pre-1978), there is a potential that LBP is present. Interior and exterior painted surfaces were observed in good condition and therefore not expected to represent a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated.

Actual material samples would need to be collected in order to determine if LBP is present.

### **6.3.3 Radon**

Radon is a colorless, odorless, naturally occurring, radioactive, inert, gaseous element formed by radioactive decay of radium (Ra) atoms. The US EPA has prepared a map to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. The map divides the country into three Radon Zones, according to the table below:

<i>EPA Radon Zones</i>		
EPA Zones	Average Predicted Radon Levels	Potential
Zone 1	Exceed 4.0 pCi/L	Highest
Zone 2	Between 2.0 and 4.0 pCi/L	Moderate
Zone 3	Less than 2.0 pCi/L	Low

It is important to note that the EPA has found homes with elevated levels of radon in all three zones, and the US EPA recommends site-specific testing in order to determine radon levels at a specific location. However, the map does give a valuable indication of the propensity of radon gas accumulation in structures.

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 2. Based upon the radon zone classification, radon is not considered to be a significant environmental concern.

### **6.3.4 Lead in Drinking Water**

According to available information, a public water system operated by the Eastern Municipal Water District (EMWD) serves the subject property vicinity. According to the 2021 EMWD Consumer Confidence Report, shallow groundwater directly beneath the subject property is not utilized for domestic purposes. The sources of public water for the City of Perris are surface water imported from northern California through the State Water Project, two Moreno Valley wells, three Perris Valley wells, treated water from the Colorado River, and groundwater from the Menifee, North Canyon Lake and Quail Valley communities. According to the Perris and the 2020 Annual Water Quality Report, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

### **6.3.5 Mold**

Molds are microscopic organisms found virtually everywhere, indoors and outdoors. Mold will grow and multiply under the right conditions, needing only sufficient moisture (e.g. in the form of very high humidity, condensation, or water from a leaking pipe, etc.) and organic material (e.g., ceiling tile, drywall, paper, or natural fiber carpet padding).

Partner observed accessible, interior areas for the subject property building for significant evidence of mold growth with the exceptions detailed in Section 1.5 of this report; however, this ESA should not be used as a mold survey or inspection. Additionally, this limited assessment was not designed to assess all areas of potential mold growth that may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication as to whether or not conspicuous (based on observed areas) mold growth is present at the subject property. This evaluation did not include a review of pipe chases, mechanical systems, or areas behind enclosed walls and ceilings.

No obvious indications of water damage or mold growth were observed during Partner's visual assessment.

## **6.4 Adjacent Property Reconnaissance**

The adjacent property reconnaissance consisted of observing the adjacent properties from the subject property premises.

### **6.4.1 PCBs**

Two pad-mounted transformers were observed on the adjacent properties. No staining or leakage was observed in the vicinity of the transformers. Based on these observations, the presence of adjacent transformers is not a significant environmental concern.

## 7.0 FINDINGS AND CONCLUSIONS

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### Findings

A *REC* refers to the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property; due to release to the environment; under conditions indicative of a release to the environment; or under conditions that pose a material threat of a future release to the environment.

- During Partner's site reconnaissance, Partner observed an approximate 500-gallon waste-oil AST on the north side of the steel building at 995 West Markham Street. The subject property was historically occupied by several storage type buildings since at least 1953. The exact historical uses of the site buildings at 995 West Markham during this time period is unknown. However, is presumed to have included automotive repair activities. According to referenced historical aerial photographs, Partner identified numerous unlabeled 55-gallon metal drums stored adjacent to the north of the steel building at 995 West Markham. Additionally, these 55-metal drums were identified in a 2011 Google Street View™ image. The appearance of the drums is indicated of former chemical storage, specifically motor oil. Partner notes that the subject property was not identified on any database which identifies hazardous substance use, hazardous waste generation, USTs, ASTs, releases, or violations. As such, based on the presence of the on-site waste oil AST, and former 55-gallon drums storage, the AST/former drum storage area is considered a REC in connection with the subject property.

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

- Partner did not identify any controlled recognized environmental conditions.

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

- Partner did not identify any historical recognized environmental conditions.

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion.

- The subject property has been occupied by Advanced Iron Works for steel/metal cutting, welding, and painting since approximately 2008. During site reconnaissance activities, Partner observed the exteriors of the residence, the steel awnings and work areas, mobile office, and all exterior areas of 945 West Markham Street. Identified hazardous substances and hazardous wastes included welding gases, latex/water-based paints, acetone, and paint reducer. Water-based paint is applied to steel via a HVLP paint gun within a partially enclosed area paved with concrete. HVLP paint guns are rinsed into empty 1-gallon paint containers with acetone. Approximately 15 1-gallon paint cans, one 5-gallon acetone container, one 1-gallon acetone container, and a 1-gallon container of paint reducer were observed on a concrete-paved area within the Advanced



Iron Works work area. Paint splatter was observed on a work bench and the concrete-paved area. The observed amounts of hazardous substances appear to be below thresholds for hazardous substance reporting within Riverside County. Based on the relatively small quantities of hazardous substances observed and the lack of observed conduits to the subsurface, the observed hazardous substances at Advance Steel Works are not considered to represent a significant environmental concern to the subject property.

- Partner identified two septic systems on the subject property. One septic system is located adjacent to the north of the onsite residence. No industrial operations are conducted at the residence. A second septic system was noted in an area between the metal cutting/welding area and the mobile office. According to Mr. Stephen Berger (subject property owner), only the restroom within the mobile office is connected to this septic system. Partner did not observe drains or other conduits to the subsurface in the vicinity of the work areas. No hazardous substances were noted within the mobile office. Based on the use of the septic systems solely for sanitary waste, the presence of the septic systems is not considered to represent a significant environmental concern. It should be noted that no septic systems were observed at the subject property parcel located at 995 West Markham Street.
- Due to the age of the subject property building/buildings, there is a potential that ACM and LBP are present. Readily visible suspect ACMs and painted surfaces were observed in good condition. Should these materials be replaced, the identified suspect ACMs would need to be sampled to confirm the presence or absence of asbestos prior to any renovation or demolition activities to prevent potential exposure to workers and/or building occupants.

### **Conclusions, Opinions and Recommendations**

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 945-995 West Markham Street in Perris, Riverside County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of recognized environmental conditions in connection with the subject property with the exception of the AST/former drum storage area. Consequently, Partner recommends the following:

- A limited subsurface investigation should be conducted at the area adjacent to the north of the 995 Markham steel building in order to determine the presence or absence of soil and/or groundwater contamination due to the historical drum storage and AST at the subject property.
- An O&M Program should be implemented in order to safely manage the suspect ACMs and LBP located at the subject property.



## 8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

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Partner has performed a Phase I Environmental Site Assessment of the property located at 945-995 West Markham Street in Perris, Riverside County, California in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

By signing below, Partner declares 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. Partner has the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. Partner has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:



Colin Donohue  
Environmental Professional

Reviewed By:



Jeff Lasker  
Project Manager

## 9.0 REFERENCES

---

### Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-13.

Environmental Risk Information Services (ERIS), Radius Report, March 2022

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via internet, March 2022

United States Department of Agriculture, Natural Resources Conservation Service, accessed via internet, March 2022

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, March 2022

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, March 2022

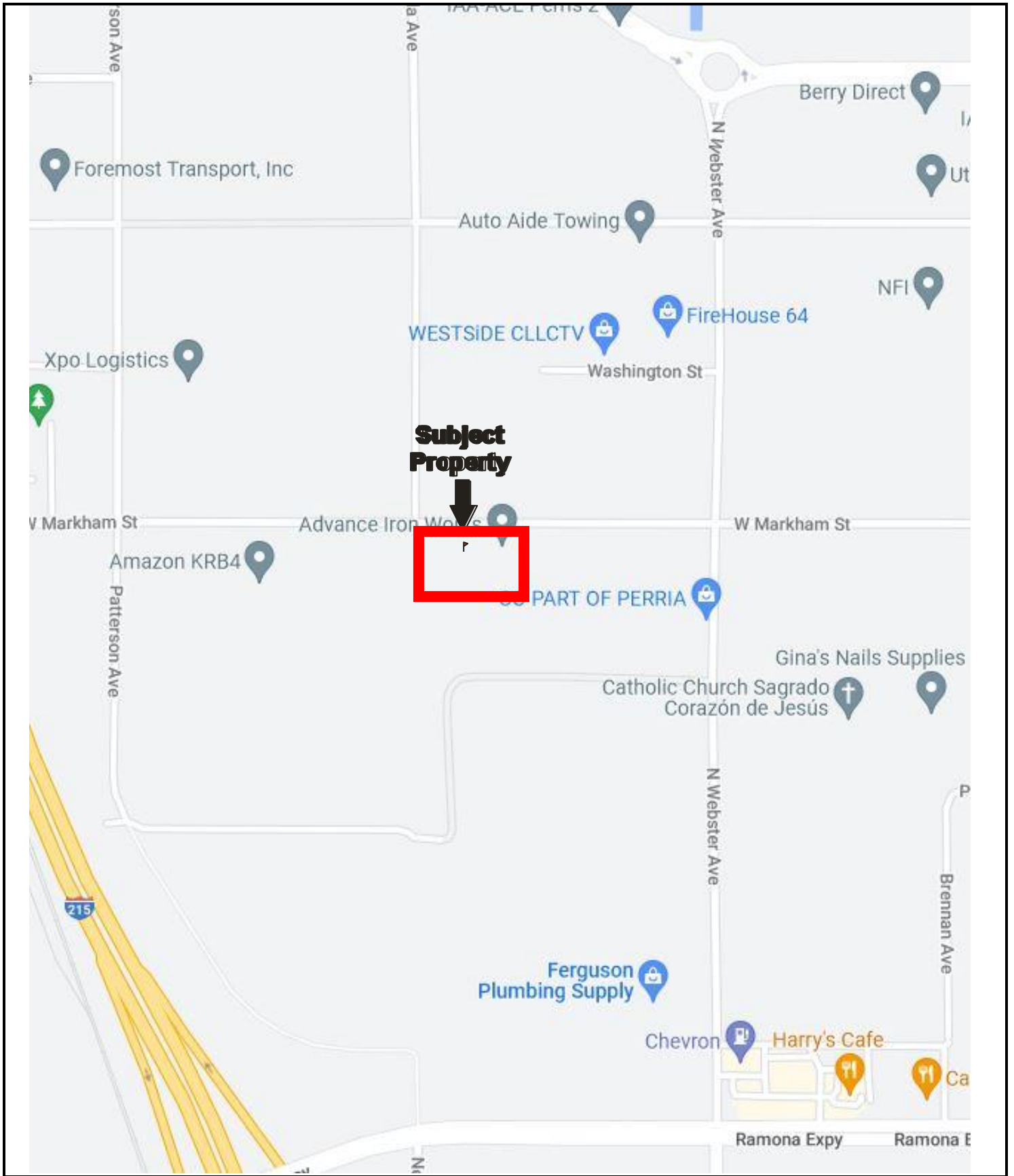
United States Geological Survey, accessed via the Internet, March 2022

United States Geological Survey Topographic Map 1995, 7.5 minute series, accessed via internet, March 2022

## **FIGURES**

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- 1 SITE LOCATION MAP**
- 2 SITE PLAN**
- 3 TOPOGRAPHIC MAP**



Drawing Not To Scale

KEY:  
Subject Property 

**FIGURE 1: SITE LOCATION MAP**  
Project No. 22-362701.1



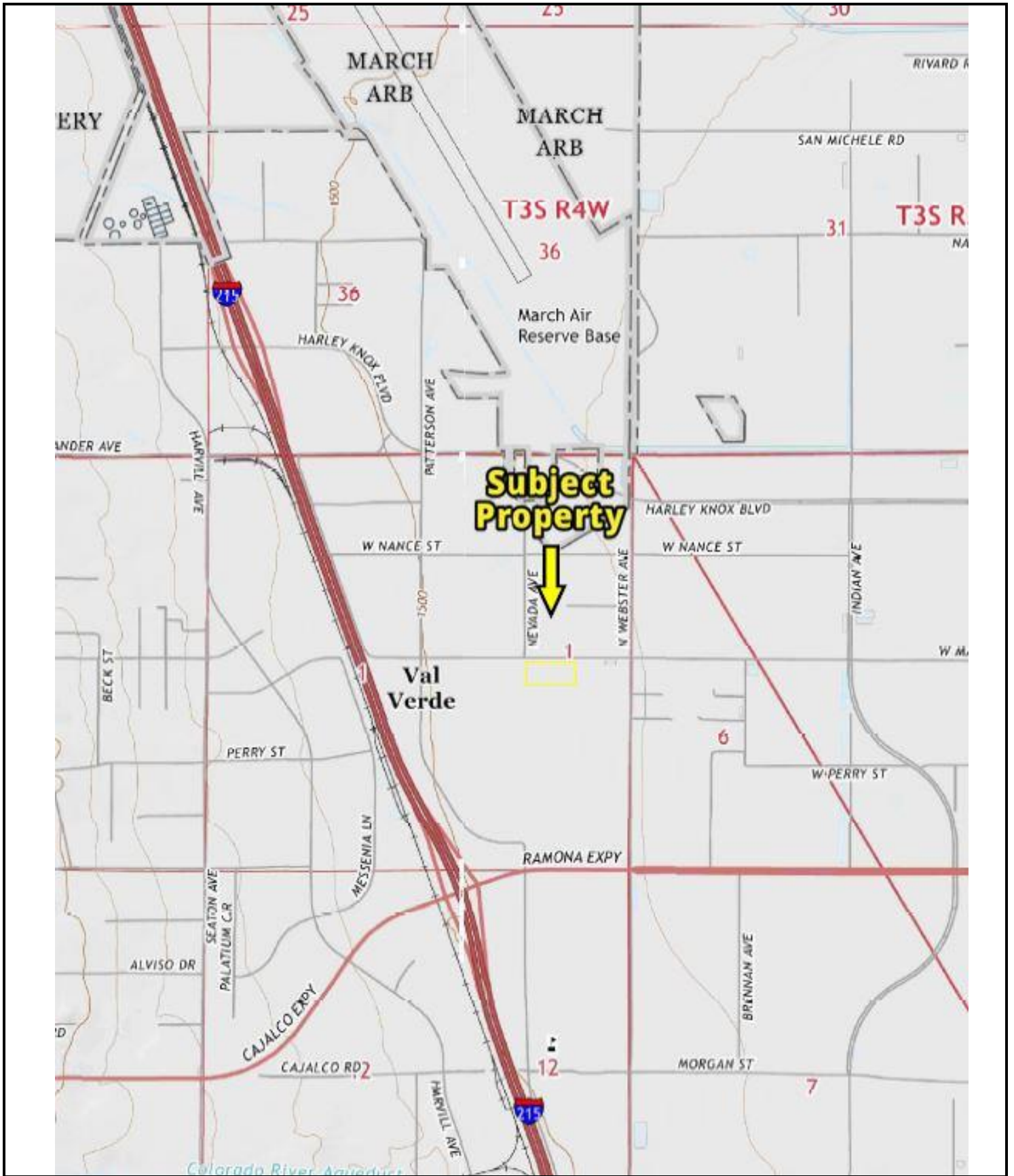
**GROUNDWATER FLOW**



KEY:  
Subject Property 

**FIGURE 2: SITE PLAN**  
Project No. 22-362701.1





USGS 7.5 Minute *Steele Peak, California* Quadrangle  
 Revised: 2015

KEY:  
 Subject Property 

**FIGURE 3: TOPOGRAPHIC MAP**  
 Project No. 22-362701.1

## **APPENDIX A: SITE PHOTOGRAPHS**

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1. View towards northwest side of 945 Markham.



2. View of northeast side of 995 Markham



3. Septic tank at residence at 945 Markham.



4. Pool equipment at residence at 945 Markham.



5. Propane AST at 945 Markham.



6. View towards paint storage and HVLP gun wash area 945 Markham.





7. Paint, paint reducer, and paint thinner 945 Markham.



8. Empty gas cans 945 Markham.



9. HVLP spray paint area 945 Markham.



10. Welding shop 945 Markham.

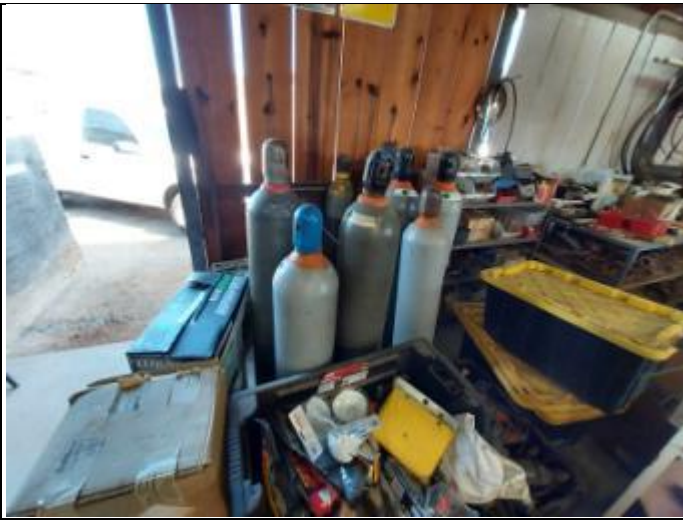


11. Welding shop 945 Markham.



12. Welding shop 945 Markham.





13. Welding gas 945 Markham.



14. Parts storage 945 Markham.



15. View of materials storage 945 Markham.



16. View of materials storage 945 Markham.



17. View of mobile office septic system cover 945 Markham.



18. View of mobile offices and awning on 945 Markham.





19. AST on north side of subject property 995 Markham.



20. Dirt bike track on eastern portion of property 945 Markham.



21. Wood and metal storage on south side of property 945 Markham.



22. View across Markham Street towards adjacent property to the north.



23. View towards adjacent property to the south.



24. View towards adjacent property to the west.

## **APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION**

one inch



**Subject  
Property**



Year: 1938  
Source: ASCS  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



one inch



**Subject  
Property**



Year: 1953  
Source: ASCS  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**

one inch



**Subject  
Property**



Year: 1958  
Source: FAIRCHILD  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



one inch



**Subject  
Property**



Year: 1966  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



one inch



**Subject  
Property**



Year: 1970  
Source: NASA  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**

one inch



**Subject  
Property**



Year: 1976  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



one inch



**Subject  
Property**



Year: 1985  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**

one inch



**Subject  
Property**



Year: 1994  
Source: USGS  
Scale: 1" = 500'  
Comment: Best Copy Available

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



one inch



**Subject  
Property**



Year: 1997  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



one inch



**Subject  
Property**



Year: 2002  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



one inch



**Subject  
Property**



Year: 2005  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



one inch



**Subject  
Property**



Year: 2006  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



one inch



**Subject  
Property**



Year: 2010  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



one inch



**Subject  
Property**



Year: 2012  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



one inch



**Subject  
Property**



Year: 2014  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



one inch



**Subject  
Property**



Year: 2016  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



one inch



**Subject  
Property**



Year: 2018  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



one inch



**Subject  
Property**



Year: 2020  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: 945-995 Markham, PERRIS, CA  
Approx Center: -117.24714968,33.85137193

Order No: 22031501171

**PARTNER**



—  
FIRE  
INSURANCE  
MAPS

**Project Property:** 945-995 Markham  
945-995 Markham  
PERRIS CA 92571

**Project No:** 22-362701.1

**Requested By:** Partner Engineering and Science, Inc.

**Order No:** 22031501171

**Date Completed:** March 16, 2022

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**Please note that no information was found for your site or adjacent properties.**





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CITY  
**DIRECTORY**

**Project Property:** 945-995 Markham  
945-995 Markham  
PERRIS, CA 92571

**Project No:** 22-362701.1

**Requested By:** Partner Engineering and Science, Inc.

**Order No:** 22031501171

**Date Completed:** March 22, 2022

March 22, 2022  
RE: CITY DIRECTORY RESEARCH  
945-995 Markham  
945-995 Markham PERRIS, CA

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

**Search Criteria:**

855-995 of W Markham St  
4150-4413 of Patterson Ave

**Search Results Summary**

Date	Source	Comment
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1996	HAINES	
1991	HAINES	
1986	HAINES	
1971	HAINES	

- 4210 J J EQUIPMENT SALES CO INC...*Industrial Equipment & Supplies (whls)*
- 4210 J J EQUIPMENT SALES CO INC...*Distribution Services*
- 4210 J & J EQUIPMENT SALES CO...*Racks (whls)*
- 4210 JJ EQUIPMENT SALES CO INC...*Building Materials*

- 855 MICHAEL PHILPOT...*Residential*
- 895 HEATH CARPENTER...*Residential*
- 895 MICHAEL OHANLON...*Residential*
- 945 ADVANCE IRON WORKS...*Ornamental Metal Work (mfrs)*
- 945 LAURA BERGER...*Residential*



4210 **FOUR STAR FORKLIFT CO...***Trucks-industrial (whls)*  
 4210 **J & J EQUIPMENT SALES CO...***Racks (whls)*

855 **MICHAEL PHILPOT...***Residential*  
 895 **MICHAEL OHANLON...***Residential*  
 945 **ADVANCE IRON WORKS...***Ornamental Metal Work (mfrs)*

NO LISTING FOUND...

- 895 HEATH CARPENTER...*Residential*
- 895 JEFF CARPENTER...*Residential*
- 945 BERGER STEPHEN...*Residential*
- 945 LAURA BERGER...*Residential*
- 945 STEPHEN BERGER...*Residential*

NO LISTING FOUND...

945

ADVANCE IRON WORKS & POWDER...*Ornamental Metal Work*

4210 FOUR STAR FORKLIFT CO...  
4210 J & J EQUIPMENT SALES CO...

NO LISTING FOUND...



NO LISTING FOUND...

855

KRIEGER LEVERNE...*Residential*

895

DEAN DENNIS...*Residential*

945

FISHER WAYNE...*Residential*

4210 FOUR STAR FRKLFT CO  
4210 J AND J EQUIP SALES CO

855 XXXX  
895 XXXX  
945 XXXX

4210 FOUR STAR FRKLFT CO  
4210 J AND J EQUIP SALES CO

855 KRIEGER KAY  
855 KRIEGER LAVERNE  
855 SIEGAL SHELDON L  
895 DEAN DENNIS  
895 DEAN SUZANNE  
895 HUSTON TONI M  
945 FISHER WAYNE  
945 FISHER WAYNE  
995 DELEON MARTHA G  
995 GARCIA LUIS

STREET NOT LISTED

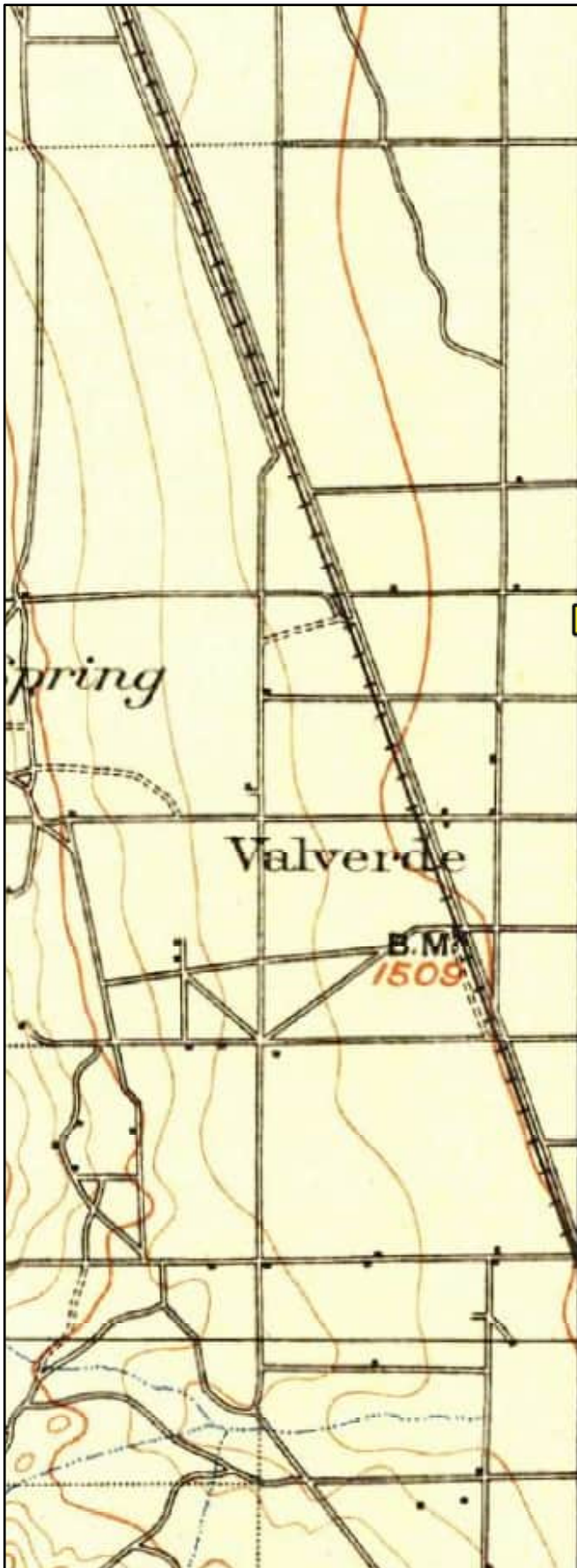
STREET NOT LISTED



STREET NOT LISTED

STREET NOT LISTED





**Subject  
Property**



0 0.125 0.25 0.5 Miles

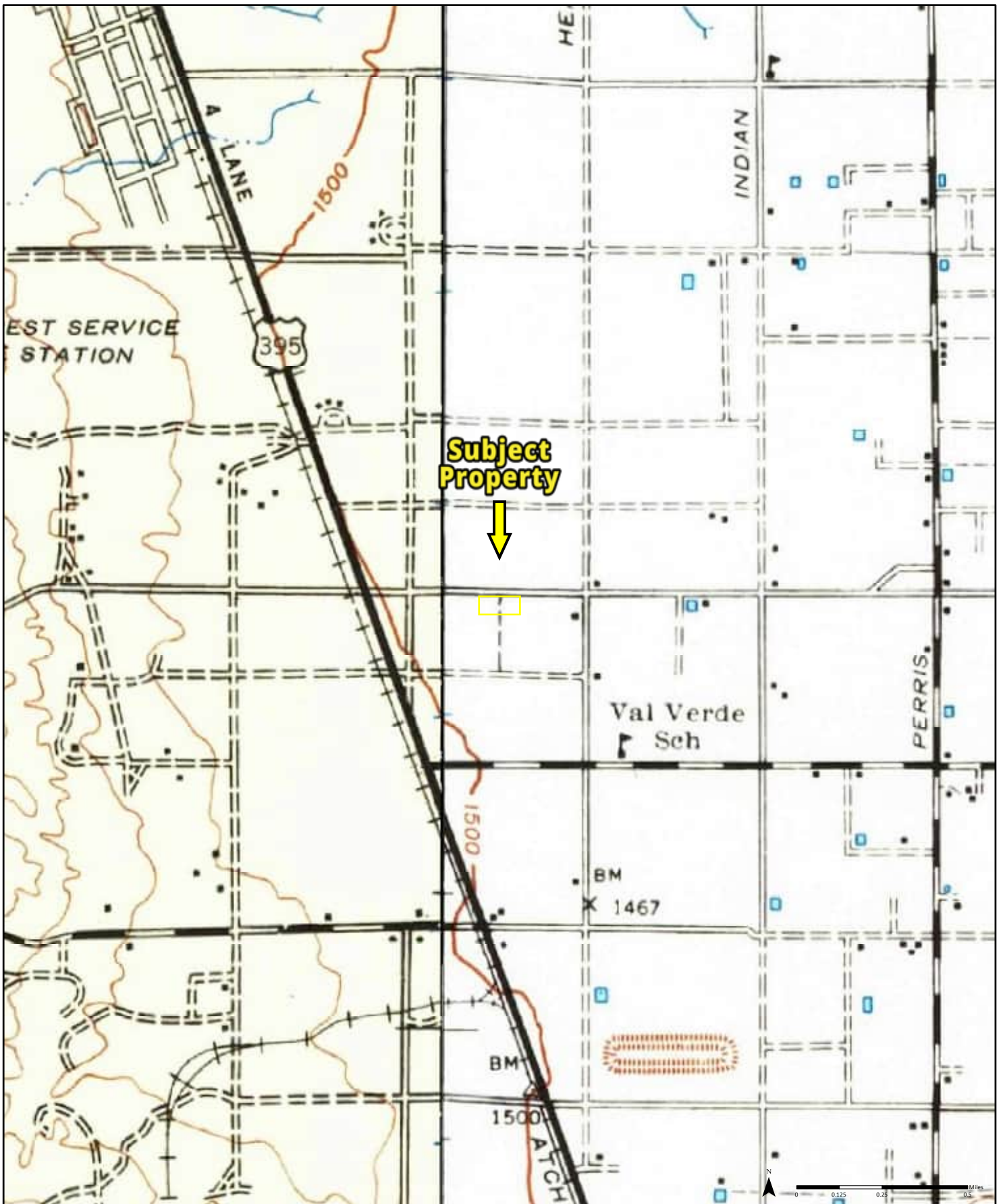
**1901**

**Quadrangle(s): Riverside, CA**

Order No. 22031501171

Source: USGS 15 Minute Topographic Map

**PARTNER**



**1942** <sup>(1)</sup> Aerial Photo Year: 1939 <sup>(2)</sup> Aerial Photo Year: 1939

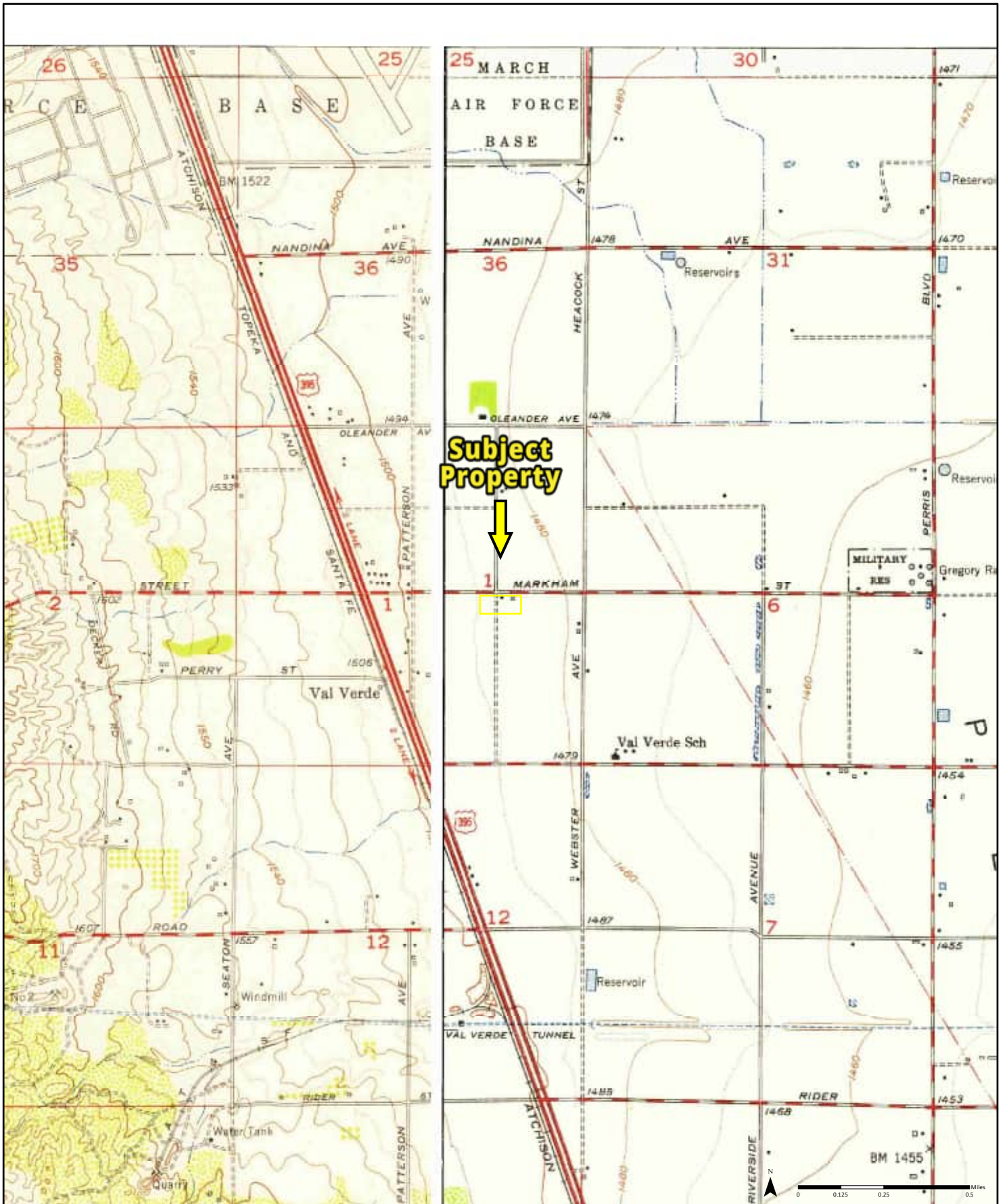
**Quadrangle(s):** Riverside, CA<sup>(1)</sup>; Perris, CA<sup>(2)</sup>

Order No. 22031501171

Source: USGS 15 Minute Topographic Map

**PARTNER**





1953

<sup>(1)</sup> Aerial Photo Year: 1951

<sup>(2)</sup> Aerial Photo Year: 1951

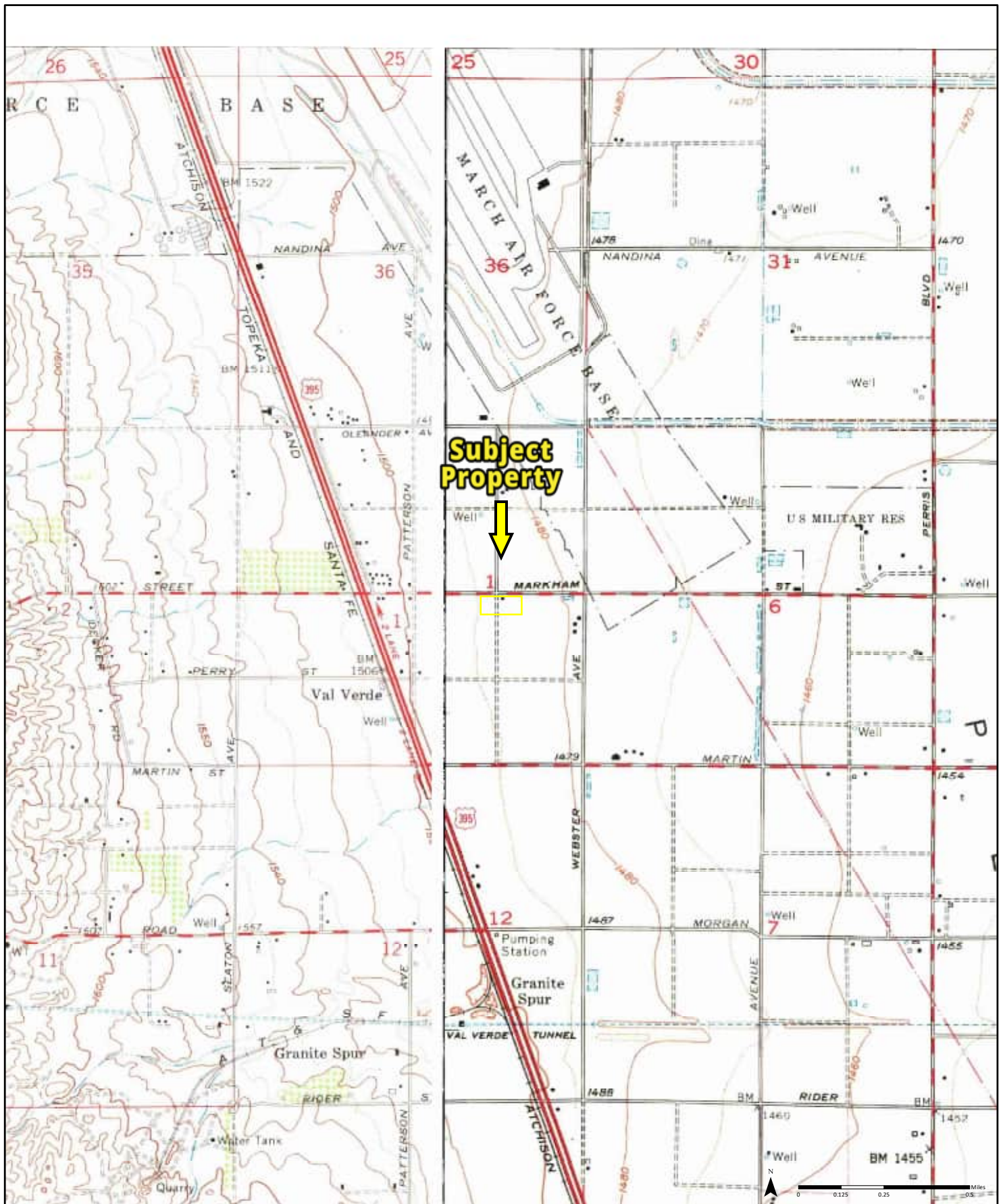
Quadrangle(s): Steele Peak, CA<sub>(1)</sub>; Perris, CA<sub>(2)</sub>

Order No. 22031501171

Source: USGS 7.5 Minute Topographic Map

**PARTNER**





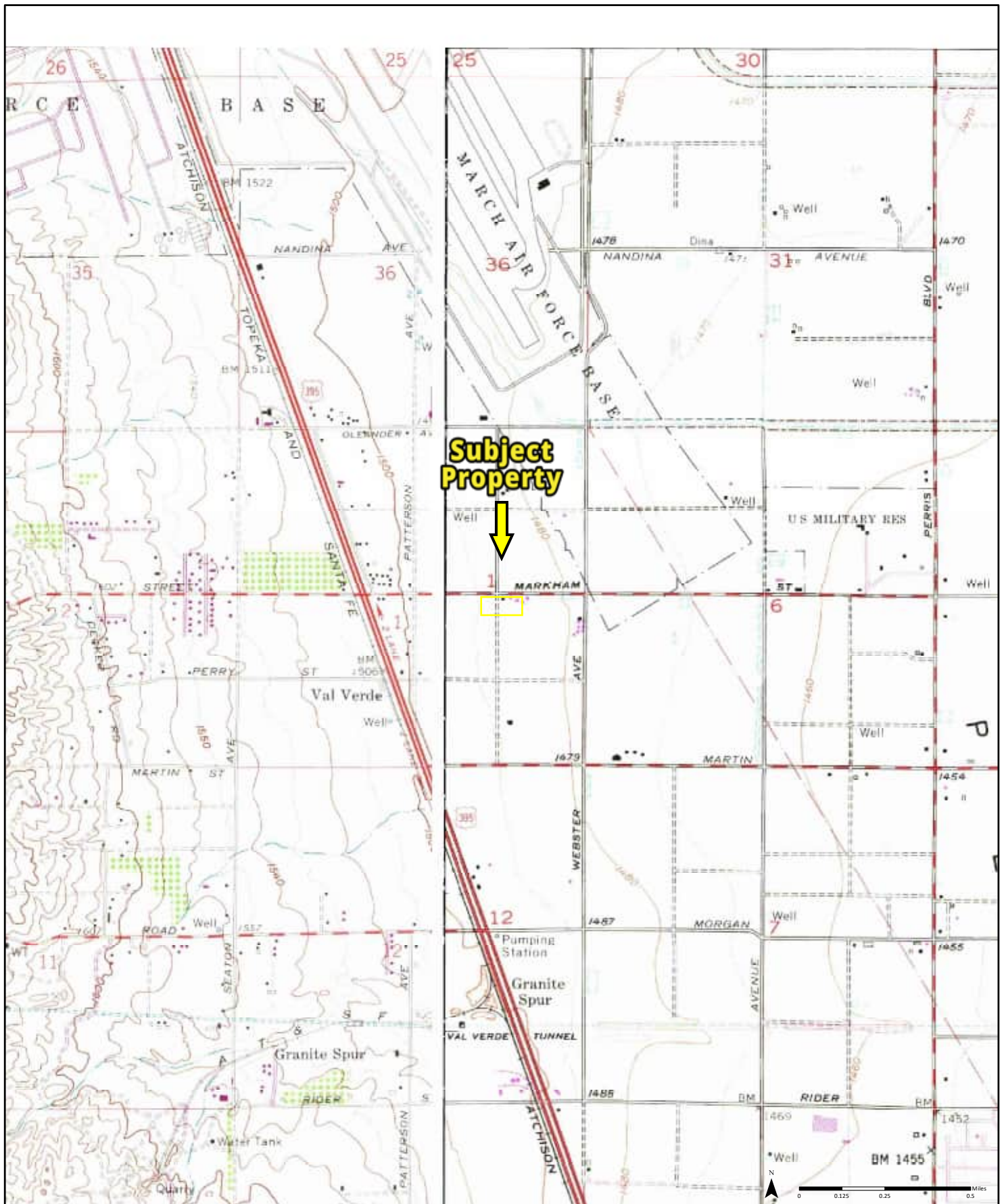
1967 <sup>(1)</sup> Aerial Photo Year: 1966 <sup>(2)</sup> Aerial Photo Year: 1966

Quadrangle(s): Perris, CA<sub>(1)</sub>; Steele Peak, CA<sub>(2)</sub>

Order No. 22031501171

Source: USGS 7.5 Minute Topographic Map

**PARTNER**



1973

(1) Aerial Photo Year: 1973  
Photo Revision Year: 1973

(2) Aerial Photo Year: 1973  
Photo Revision Year: 1973

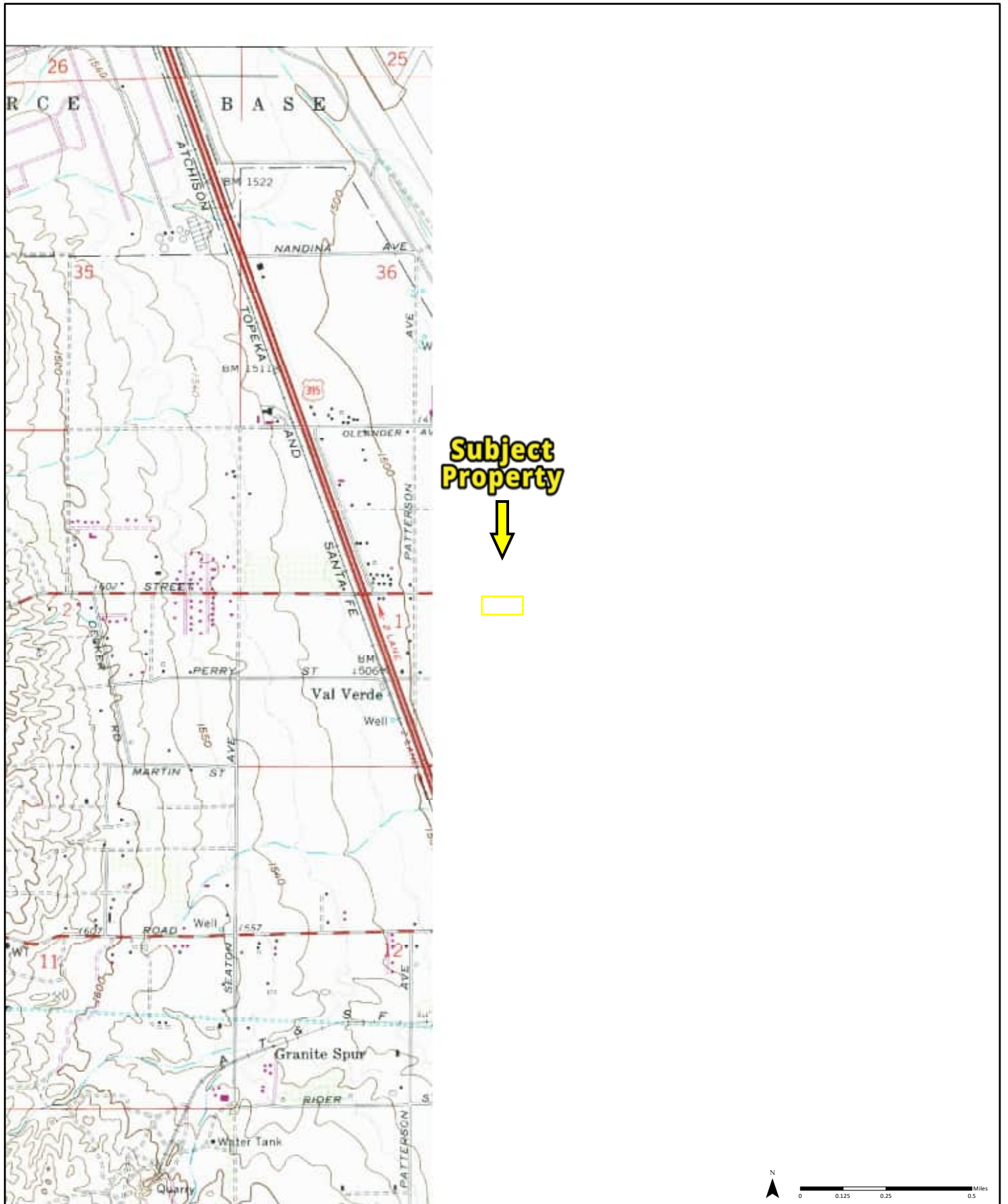
Quadrangle(s): Perris, CA(1); Steele Peak, CA(2)

Order No. 22031501171

Source: USGS 7.5 Minute Topographic Map

**PARTNER**





**1978** <sup>(1)</sup>  
 Aerial Photo Year: 1978  
 Photo Revision Year: 1973

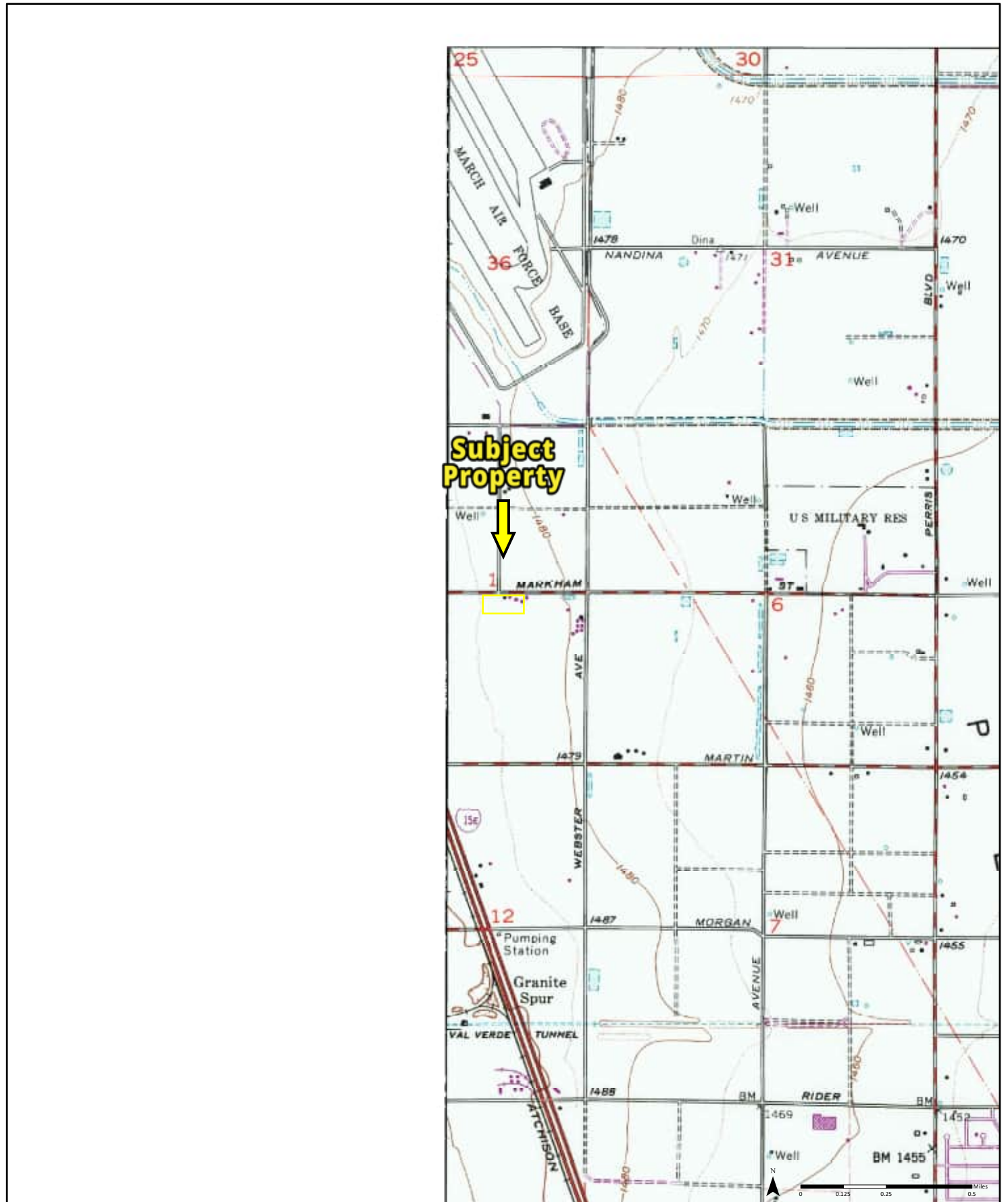
**Quadrangle(s): Steele Peak, CA<sub>(1)</sub>**

Order No. 22031501171

Source: USGS 7.5 Minute Topographic Map

**PARTNER**





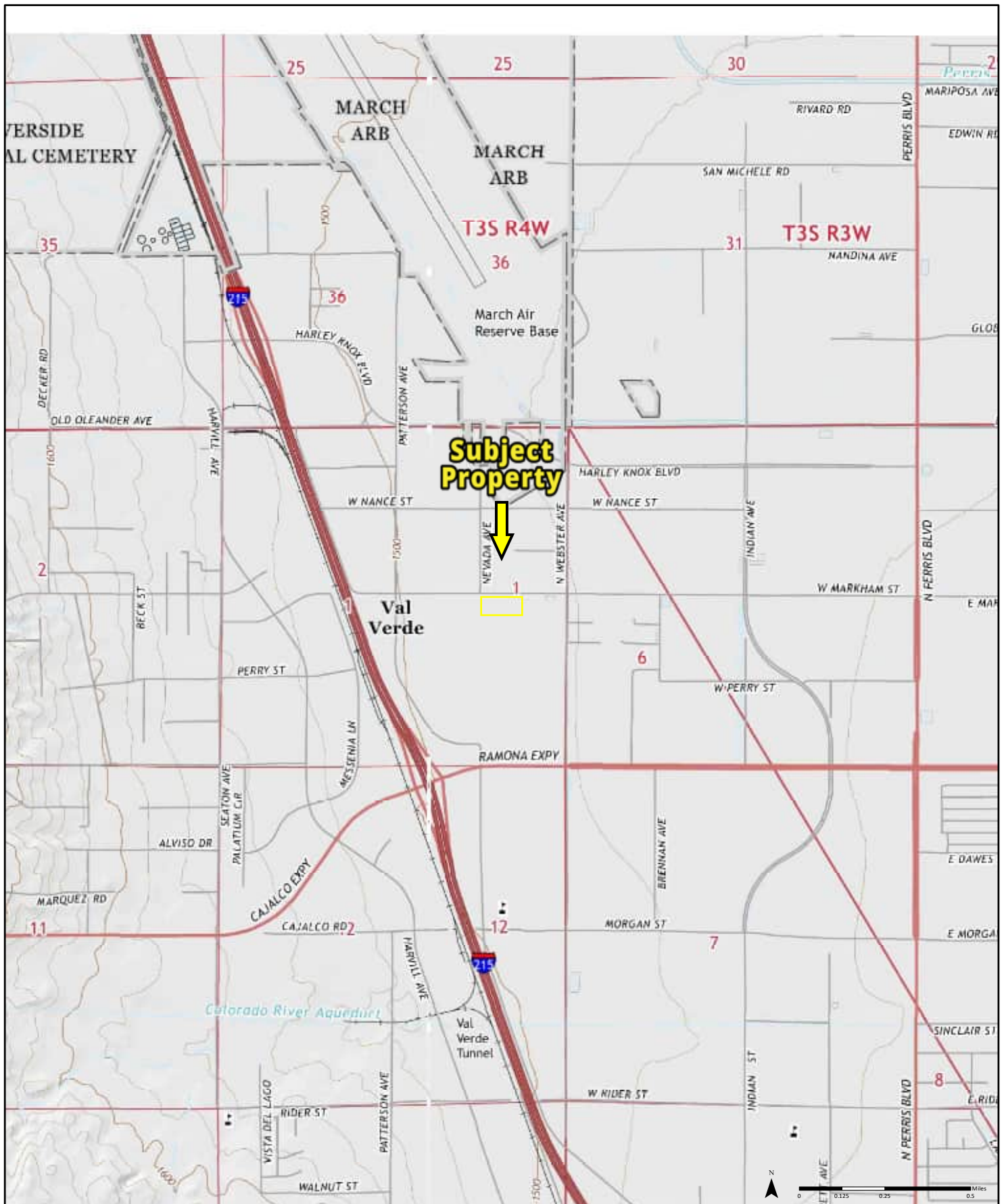
**1979** <sup>(1)</sup>  
 Aerial Photo Year: 1978  
 Photo Revision Year: 1979

**Quadrangle(s): Perris, CA(1)**

Order No. 22031501171

Source: USGS 7.5 Minute Topographic Map

**PARTNER**



**2015**

**Quadrangle(s): Steele Peak, CA; Perris, CA**

Order No. 22031501171

Source: USGS 7.5 Minute Topographic Map

**PARTNER**



**Jared Blumenfeld**  
Secretary for  
Environmental Protection



## Department of Toxic Substances Control

**Meredith Williams, Ph.D., Director**  
1001 "I" Street  
P.O. Box 806  
Sacramento, California 95812-0806



**Gavin Newsom**  
Governor

### Facility Search Results

**Selection Criteria:**

**Facility:**  
**Search on:** Physical Address  
**Street:** markham  
**City:** perris  
**Status:** Active and Inactive  
**Sort Direction:** asc  
**Sorted By:** EPA ID  
**Records Found:** 33

<b>EPA ID Number</b>	<b>Name</b>	<b>Address</b>	<b>City</b>	<b>Zip</b>
<a href="#">CAC001317656</a>	CORNER PRODUCE	21700 MARKHAM ST	PERRIS	925700000
<a href="#">CAC002560511</a>	ROWLAND APARTMENTS	233 W MARKHAM ST	PERRIS	925710000
<a href="#">CAC002565899</a>	JKM EQUIPMENT	WOOD & MARKHAM ST	PERRIS	92508
<a href="#">CAC002586992</a>	INLAND PAVINNG	22930 MARKHAM ST	PERRIS	92570
<a href="#">CAC002595352</a>	FOUR QUEENS TRUCKING INC	731 W MARKHAM ST	PERRIS	925717459
<a href="#">CAC002598476</a>	FOUR KINGS TRUCKING INC.	730 W MARKHAM ST	PERRIS	925717459
<a href="#">CAC002634096</a>	IDI INC	NW CO OF PERRIS BLVD & MARKHAM ST	PERRIS	92510
<a href="#">CAC002654554</a>	BM INC	22849 MARKHAM ST	PERRIS	925709733
<a href="#">CAC002708423</a>	MARKHAM LE	N.W. PERRIS BLVD. MARKHAM STREET	PERRIS	92510

<a href="#">CAC002846709</a>	ADAMS IRON CO, INC	278 W MARKHAM ST	PERRIS	925719742
<a href="#">CAC002862766</a>	MANUEL ESPEJEL	20080 MARKHAM ST	PERRIS	925709206
<a href="#">CAC002877802</a>	COUNTY OF RIVERSIDE TRANSPORTATION DEPT	SO EAST CORN MARKHAM AND DAY ST	PERRIS	92570
<a href="#">CAC002947463</a>	NESTLE WATERS NA	375 E MARKHAM STREET	PERRIS	92571
<a href="#">CAC003091696</a>	SAIA TRANSPORTATION	350 WEST MARKHAM STREET	PERRIS	92571
<a href="#">CAD982327793</a>	GREAT WESTERN METALS	23450 MARKHAM ST	PERRIS	923700000
<a href="#">CAL000000830</a>	GREAT WESTERN METALS	23450 MARKHAM STREET	PERRIS	923700000
<a href="#">CAL000070412</a>	ARANDA'S TRUCK & MOBILE REPAIR	737 WEST MARKHAM	PERRIS	925710000
<a href="#">CAL000098368</a>	SILVERADO PLASTERING, INC	22971 MARKHAM ST	PERRIS	925710000
<a href="#">CAL000141263</a>	J&R CONCRETE PRODUCTS, INC.	440 WEST MARKHAM ST.	PERRIS	925710000
<a href="#">CAL000257841</a>	BRUNO FARMS INC	233 W MARKHAM ST	PERRIS	92571
<a href="#">CAL000295997</a>	SAHARA SCAFFOLD INC	4414 MARKHAM	PERRIS	92570
<a href="#">CAL000322371</a>	EGGLETON TRUCKING INC	560 MARKHAM AVE	PERRIS	92570
<a href="#">CAL000353411</a>	JW KENITZER ENTERPRISES	617 W MARKHAM ST	PERRIS	925719740
<a href="#">CAL000386091</a>	JEFF CARPENTER RACING INC	895 MARKHAM ST	PERRIS	92571
<a href="#">CAL000399562</a>	THE HOME DEPOT DFC #6007	350 WEST MARKHAM ST	PERRIS	92571
<a href="#">CAL000401294</a>	OSMIN GODOY	757 W MARKHAM ST	PERRIS	92571
<a href="#">CAL000404029</a>	NAMCO INC DBA ALABBASI CONSTRUCTION	855 W MARKHAM ST	PERRIS	925717004
<a href="#">CAL000418190</a>	MAMCO INC DBA ALABBASI	855 W MARKHAM ST	PERRIS	925717004
<a href="#">CAL000425482</a>	PENSKE TRUCK LEASING CO LP	278 E MARKHAM ST	PERRIS	92571
<a href="#">CAL000457529</a>	FABLETICS INC	290 E MARKHAM ST	PERRIS	92571
<a href="#">CAL912195401</a>	CR & R INCORPORATED	233 WEST MARKHAM STREET	PERRIS	925710000
<a href="#">CAL912254903</a>	SILVERADO PLASTERING	22971 MARKHAM ST	PERRIS	923700000
<a href="#">CAR000247569</a>	HOME DEPOT NO 6007	350 WEST MARKHAM ST	PERRIS	925710000

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.





# CITY OF PERRIS

## Office of the City Clerk

101 North "D" Street  
Perris, California 92570  
Phone: (951) 943-6100  
Fax: (951) 943-4246

Email: cityclerk@cityofperris.org

FOR OFFICE USE ONLY	
Received:	
Due:	
Completed:	
Initials:	

## PUBLIC RECORDS REQUEST

(Government Code Sec. 6257)

(Gov't Code Sec. 6257)

"Except with respect to public records exempt by express provisions of law from disclosure, each state or local agency, upon any request for a copy of records, which reasonably describes an identifiable record, or information produced therefrom, shall make the records promptly available to any person, upon payment of fees covering direct costs of duplication, or a statutory fee, if applicable."

(X) I am requesting a copy of a public record specifically identified as:

945 & 995 W. Markham Street:  
Original building permits, septic permits, permits for storage tanks, hazardous materials, clarifiers

Date:

Signature: \_\_\_\_\_

Name:

Address:

Phone:

Email:

-----  
(TO BE COMPLETED BY CITY CLERK'S OFFICE)

Standard Paper Copy 1<sup>st</sup> page: .50 = \$ \_\_\_\_\_ ( ) Copies to be mailed to requester  
Standard Paper Copy 2<sup>nd</sup> page & after .20 = \$ \_\_\_\_\_  
FPPC Documents: \_\_\_\_\_ @ .10 = \$ \_\_\_\_\_ ( ) Copies to be picked up by requester  
Number of Audio Tapes: \_\_\_\_\_ @ 7.00 = \$ \_\_\_\_\_  
Number of Video Tapes: \_\_\_\_\_ @ 14.00 = \$ \_\_\_\_\_  
Number of CD or DVD: \_\_\_\_\_ @ 14.00 = \$ \_\_\_\_\_ Processing Time: \_\_\_\_\_ Hrs. \_\_\_\_\_ Min.  
Number of Certified Copy \_\_\_\_\_ @ 10.00 = \$ \_\_\_\_\_  
Mailing Cost: \$ \_\_\_\_\_  
Subtotal: \$ \_\_\_\_\_  
Tax: Acct. Number 801-2201 @ 7.75% = \$ \_\_\_\_\_  
TOTAL FEE: Acct. Number 001-4511 \$ \_\_\_\_\_ Date Fee Received: \_\_\_\_\_  
Mailed by: \_\_\_\_\_ Date: \_\_\_\_\_ Picked up by: \_\_\_\_\_ Date: \_\_\_\_\_



County of Riverside  
**DEPARTMENT OF ENVIRONMENTAL HEALTH**

www.rivcoeh.org

**Environmental Protection & Oversight Division  
Hazardous Materials Management Branch**

**REQUEST FOR RECORDS**

Requests for review of records are processed on a first come, first serve basis and the processing time is approximately 2-4 weeks. As required by California Public Records Act Section 6250 et seq., a response will be given within ten (10) business days to confirm receipt of your request.

Pursuant to California Government Code, Section 6254 (f), records of pending investigations and informant's names, addresses, and telephone numbers, will not be released.

For access to electronic records available online, visit the Public Information section at [www.rivcoeh.org](http://www.rivcoeh.org) for more details.

REQUESTOR INFORMATION		
NAME:	DATE OF REQUEST:	
BUSINESS NAME (IF ANY):		
RETURN LEGAL MAILING ADDRESS:		
CITY:	STATE:	ZIP:
PHONE:		

The following information is required. **List each street address separately.**

	SITE STREET ADDRESS (NO APNs)	CITY
1.		
2.		
3.		
4.		
5.		
6.		
7.		

Requests must be made in writing and submitted by mail, email, or in person to the following office:

4065 County Circle Drive, Room 104, Riverside, CA 92503  
Phone: (951) 358-5055  
Email: [DEHRecordsMgmt@rivco.org](mailto:DEHRecordsMgmt@rivco.org)  
Mailing Address: P.O. Box 7909, Riverside, CA 92513-7909

**For our office locations call us at (888) 722-4234 or visit our website at [www.rivcoeh.org](http://www.rivcoeh.org)**



COUNTY OF RIVERSIDE  
**TRANSPORTATION AND  
LAND MANAGEMENT AGENCY**

- [HOME](#)
- [COUNTER SERVICES](#)
- [DEPARTMENTS](#)
- [ONLINE SERVICES](#)
- [QUICK LINKS](#)
- [CONTACT US](#)
- [SHORT TERM RENTALS](#)

**BUILDING PERMIT INFORMATION FOR 013489** Online Services

**Results for 013489 as of 3/30/2022 8:38:34 AM**

**Basic Case Information**

<b>PERMIT NUMBER:</b>	013489
<b>PERMIT STATUS:</b>	Final
<b>APPLIED DATE:</b>	02/22/1982
<b>ISSUED DATE:</b>	

<b>CLOSED DATE:</b>	01/01/1900
<b>EXPIRATION DATE:</b>	
<b>DESCRIPTION:</b>	PROPANE GAS LINE
<b>TYPE DESCRIPTION:</b>	GRTK - Building Historical
<b>SITUS CITY:</b>	
<b>SITUS:</b>	
<b>GENERAL LOCATION:</b>	
<b>APN:</b>	314170009 <a href="#">Click to view in Map My County</a>
<b>APPLICANT:</b>	Smith Robert
<b>ADDRESS 1:</b>	23747 Markham
<b>ADDRESS 2:</b>	Perris CA
<b>ADDRESS 3:</b>	
<b>ZIP:</b>	92370

**Valuation Information**

<b>SQUARE FEET:</b>	
<b>VALUATION:</b>	

**Search Another Building Permit**Enter Permit Number:



[Go Back To Previous Page](#)

## Resources

County of Riverside  
TLMA Home  
Building & Safety  
Code Enforcement  
Environmental Programs  
Planning  
Transportation

## Services

Counter Services  
Quick Links  
RFP's/RFQ's  
Useful Links  
Online Services  
TLMA Online Document  
Search Tool

## Connect

**Hours of Operations:** 8:00

am to 5:00 pm

Monday through Friday

**TLMA Phone:** (951)

955-4608



COUNTY OF RIVERSIDE  
**TRANSPORTATION AND  
LAND MANAGEMENT AGENCY**

- [HOME](#)
- [COUNTER SERVICES](#)
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- [ONLINE SERVICES](#)
- [QUICK LINKS](#)
- [CONTACT US](#)
- [SHORT TERM RENTALS](#)

**BUILDING PERMIT INFORMATION FOR 104868** Online Services

**Results for 104868 as of 3/30/2022 8:39:29 AM**

**Basic Case Information**

<b>PERMIT NUMBER:</b>	104868
<b>PERMIT STATUS:</b>	Final
<b>APPLIED DATE:</b>	06/07/1985
<b>ISSUED DATE:</b>	06/07/1985

<b>CLOSED DATE:</b>	01/01/1900
<b>EXPIRATION DATE:</b>	
<b>DESCRIPTION:</b>	MH INSTALLATION
<b>TYPE DESCRIPTION:</b>	GRTK - Building Historical
<b>SITUS CITY:</b>	
<b>SITUS:</b>	
<b>GENERAL LOCATION:</b>	
<b>APN:</b>	314170009 <a href="#">Click to view in Map My County</a>
<b>APPLICANT:</b>	Conrads MH
<b>ADDRESS 1:</b>	13551 Magnolia
<b>ADDRESS 2:</b>	Corona CA
<b>ADDRESS 3:</b>	
<b>ZIP:</b>	92879

**Fee Information**

<b>TOTAL FEES</b>	\$80.00
<b>TOTAL PAYMENTS:</b>	\$80.00
<b>BALANCE DUE:</b>	\$0.00

**Valuation Information**

<b>SQUARE FEET:</b>	
<b>VALUATION:</b>	

### Search Another Building Permit

Enter Permit Number:

Submit

Clear Form

[Go Back To Previous Page](#)

## Resources

County of Riverside  
TLMA Home  
Building & Safety  
Code Enforcement  
Environmental Programs  
Planning  
Transportation

## Services

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Online Services  
TLMA Online Document  
Search Tool

## Connect

**Hours of Operations:** 8:00  
am to 5:00 pm  
Monday through Friday  
  
**TLMA Phone:** (951)  
955-4608



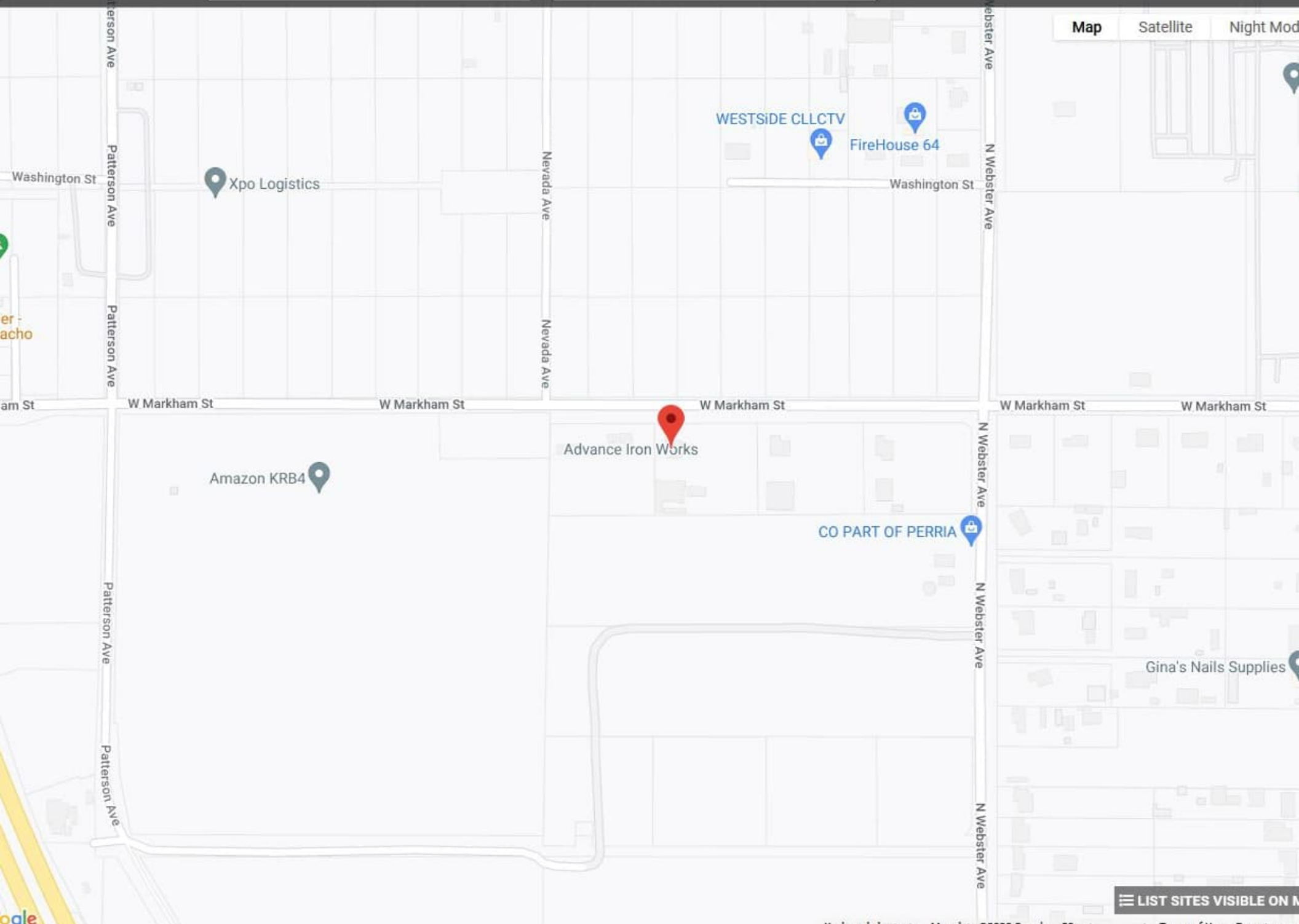
- Well Status and Well Type Filter
- Search
- Zoom to Field
- Measurement
- Layers

Map interface showing a street grid with labels: Washington St, W Markham St, Patterson Ave, and N Webster Ave. A search bar at the top contains the text "995 W Markham St, Perris, Ca". A scale bar at the bottom indicates 300ft. A coordinate box at the bottom left displays "1:4,514 33.854211 -117.252669".

Map

Satellite

Night Mode



LIST SITES VISIBLE ON MAP



County of Riverside  
DEPARTMENT OF ENVIRONMENTAL HEALTH

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JEFF JOHNSON, DIRECTOR

April 1, 2022

Riverside County Hazardous Materials has reopened to limited in-person services. We will be implementing the best practices to serve our customers in person while preventing the transmission and spread of COVID-19.

Due to the ongoing COVID-19 national state of emergency, and Orders by the Riverside County Health Officer, the Riverside County Department of Environmental Health has continued to request that our employees work remotely to support you.

Records Request services will continue to be available but please be patient with us and understand that staff is limited.

Responses will be provided temporarily via email and will resume to respond via US Mail once the pandemic has rectified.

During this time records will be provided in five different ways after fees are paid.

- 1) In office appointments for viewing of larger files only
- 2) Email – Only small files **no larger than ¼ inch qualify**
- 3) US Mail – files that are appropriately sized for mailing will qualify – **Additional Copy and Reproduction Fees will apply**
- 4) USPS / FedEx – larger files that are unable to be mailed via US Mail will be shipped at the requestor's expense – **Additional Copy and Reproduction Fees will apply**
- 5) Pick Up – By appointment only – **Additional Copy and Reproduction Fees will apply**

For questions please call (951) 358-5055 or visit our website for information [www.rivcoeh.org](http://www.rivcoeh.org)

Environmental Protection & Oversight Division  
Hazardous Materials Management Branch  
Attn: Records Management  
P.O. Box 7909  
Riverside, CA 92513-7909  
Ph: (951) 358-5055  
Fax (951) 358-5342

\*additional fees may include costs for appt. cancellation/no show, time per service, scan/fax/mail of documents, cd/dvd



County of Riverside  
DEPARTMENT OF ENVIRONMENTAL HEALTH

JEFF JOHNSON, DIRECTOR

RELEASE OF RECORDS RESPONSE

April 1, 2022

Service Request No: 54136

Colin Donohue  
3484 Valley Vista Ave.  
Yucca Valley, CA 92254

Your request concerning Hazardous Materials Management Records has been received and a file search has been conducted. The appropriate action has been taken.

Site Address	City	Records Found
945 & 995 Markham	Perris	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
<b>THIS IS NOT AN INVOICE</b>	<b>Estimated Cost</b>	<b>\$0.00</b>

If no records are found, no further action will be taken.

If records are found, please contact our office at (951) 358-5055 to schedule a file review appointment. Records will be available for 30 days from the date of this letter, after which a new Records Request will need to be submitted.

\*\* There is a clerical records research fee of \$.50 for the first page, plus \$.10 per additional page \*\* Records will not be made available until this fee is paid\*\*

Other fees may apply

Note: Additional time for processing may be required

Appointments are scheduled in one (1) hour increments, not to exceed two (2) hours.

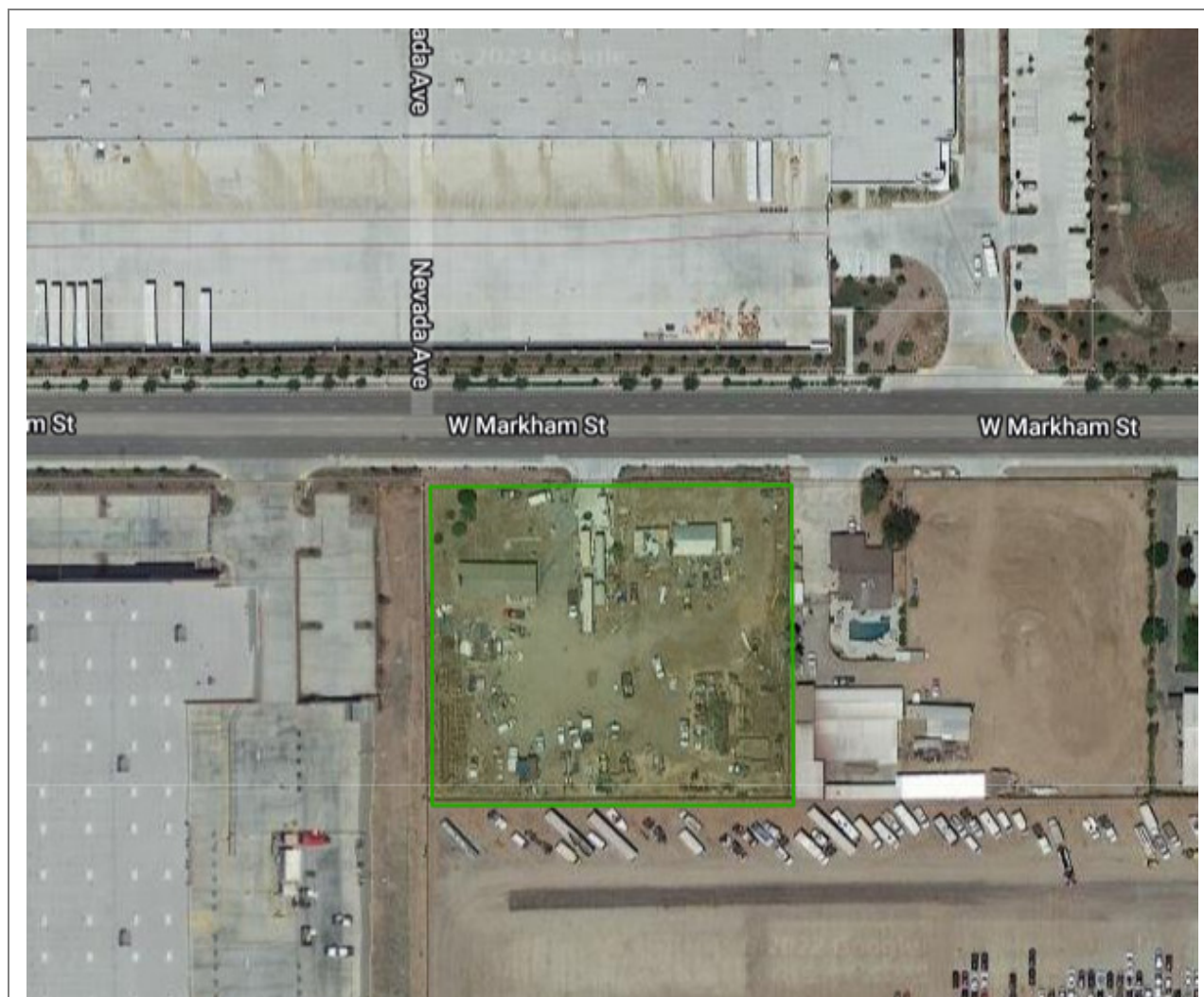
Environmental Protection & Oversight Division  
Hazardous Materials Management Branch  
Attn: Records Management  
P.O. Box 7909  
Riverside, CA 92513-7909  
Ph: (951) 358-5055  
Fax (951) 358-5342

\*additional fees may include costs for appt. cancellation/no show, time per service, scan/fax/mail of documents, cd/dvd



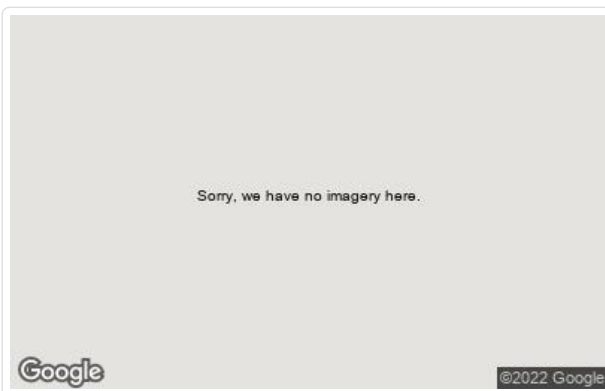
Facility ID	Facility Name	Reclaim	Title V	Facility Address
65982	FARMER BOYS RESTAURANT			1270 MARKHAM ST, PERRIS, CA 92571
103365	CR & R INC			233 W MARKHAM ST, PERRIS, CA 92571
144170	J & R CONCRETE PRODUCTS, INC.			440 W MARKHAM ST, PERRIS, CA 92571
176293	THE HOME DEPOT DISTRIBUTION CENTER #6007			350 W MARKHAM ST, PERRIS, CA 92571
178442	SUN CITY GRANITE, INC.			1270 MARKHAM ST, PERRIS, CA 92571
182003	CI PERRIS 151, LLC			290 MARKHAM ST, PERRIS, CA 92571
186867	STRATFORD RANCH BUILDING 3			375 MARKHAM ST, PERRIS, CA 92571
192873	STRATFORD RANCH 3			375 E MARKHAM ST, PERRIS, CA 92571

Riverside County, CA - Community: Property Search  
Property ID Number (PIN/APN): 314170009





Property ID Number (PIN/APN): 314170009



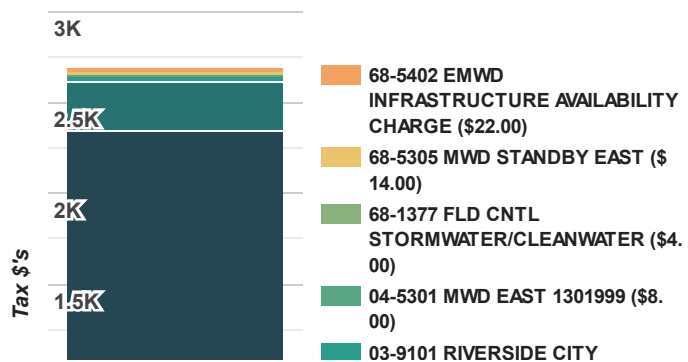
### General Information

<b>Property ID Number (PIN/APN)</b>	<b>314170009</b>
<b>Owner</b>	<a href="#">More Information</a>
<b>Property Address</b>	<b>995 W MARKHAM ST</b>
<b>Property Type</b>	<b>MH Lot with MH on LPT (MO)</b>
<b>TAG</b>	<b>008-051 PERRIS</b>
<b>Acreage</b>	<b>2.040</b>

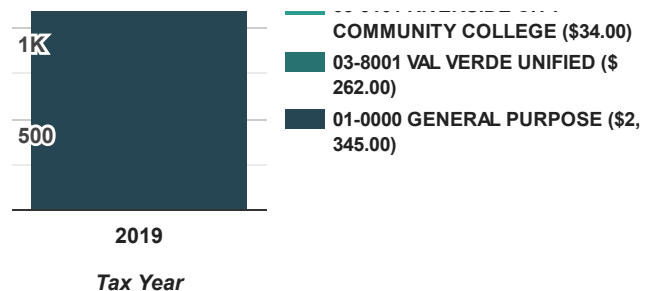
[View Aerial Images](#)

[View Assessor Map](#)

### Tax Summary



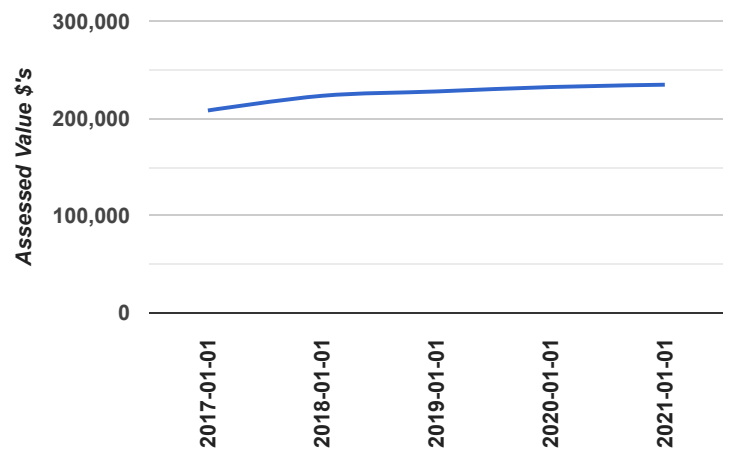




Total Tax
\$2,689.00

### Value History

Year	Event Type	Roll Caste	Event Date	Assessment Value	Net Taxable Value
2017	Annual	Annual	2017-01-01	\$208,000	\$208,000
2018	Annual	Annual	2018-01-01	\$223,124	\$223,124
2019	Annual	Annual	2019-01-01	\$227,586	\$227,586
2020	Annual	Annual	2020-01-01	\$232,137	\$232,137
2021	Annual	Annual	2021-01-01	\$234,541	\$234,541



### Assessed Value

**12.76%**

▲ Increase since 2017

### Sales History

Date	Document #	Sale Price	Sale Type	Qualified
11-16-1990	1990-0419791	\$200,000	Straight Transfer	Qualified
05-30-1985	1985-0115522	\$50,000	Straight Transfer	Qualified
06-05-1981	1981-0104129	\$22,500	Straight Transfer	Qualified
10-30-1979	1979-0230811	\$60,000	Straight Transfer	Qualified

## Buildings

### Building 1

---

<b>Building Type</b>	<b>Double-Wide Manufactured Home</b>
<b>Effective Year Built</b>	<b>1985</b>
<b>Year Built</b>	<b>1985</b>
<b>Living Area sqft</b>	<b>1,848</b>
<b>Actual Area sqft</b>	<b>1,848</b>
<b>Quality</b>	<b>6.0</b>
<b>Cond</b>	<b>Average</b>
<b>Baths</b>	<b>2</b>
<b>Bedrooms</b>	<b>4</b>
<b>Has Fireplace</b>	<b>No</b>
<b>Central Cooling</b>	<b>Yes</b>
<b>Central Heating</b>	<b>Yes</b>
<b>Roof Type</b>	<b>Rock/Composite</b>
<b>MH Type</b>	<b>1985 REDMAN KIRKWOOD</b>



**Assessor - County Clerk - Recorder**  
Riverside County, CA

**Property Detail**

<b>995 W MARKHAM ST PERRIS CA 92570</b>	<b>Assessment No.</b>	314170009
	<b>APN</b>	314170009
	<b>Property Type</b>	MH Lot with MH on LPT (MO)
	<b>Neighborhood</b>	RM1007
	<b>Acreage</b>	2.04

**Legal Description**

2.04 ACRES NET IN PAR 1 PM 017/013 PM 6304 SubdivisionName PM 6304 Acres 002.04 NET LotType Parcel Parcel 1 RecMapType Parcel Map MapPlatB 017 MapPlatP 013 ManufName REDMAN Make KIRKWOOD Model KIRKWOOD Year 1985 SerialNumber 12611329A DecalNumber LAJ1222 HCD 308161 SerialNumber 12611329B HCD 308162

**Value History (Part 1)**

Year	Reason Date	Market Value				Factored Base Year Value			
		Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total
2018	Other 01/01/2018					\$115,400	\$107,724		\$223,124
2019	01/01/2019					\$117,708	\$109,878		\$227,586
2020	01/01/2020					\$120,062	\$112,075		\$232,137
2021	01/01/2021					\$121,305	\$113,236		\$234,541

**Value History (Part 2)**

Year	Restricted Value				Assessed Value				Penalty	Exemption	Net Taxable Value
	Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total			
2018					\$115,400	\$107,724		\$223,124			\$223,124
2019					\$117,708	\$109,878		\$227,586			\$227,586
2020					\$120,062	\$112,075		\$232,137			\$232,137
2021					\$121,305	\$113,236		\$234,541			\$234,541

**Transfer History**

Doc #	Sales Price	Date	Vacant Land
2005-0485665	\$0	6/20/2005	False
2002-0121161	\$0	3/8/2002	False
1994-0481145	\$0	12/29/1994	False
1990-0419791	\$200,000	11/16/1990	False
1985-0115522	\$50,000	5/30/1985	False
1981-0104129	\$22,500	6/5/1981	False
1981-0073135	\$0	4/23/1981	False
1979-0230811	\$64,010	10/30/1979	False
1977-0047101	\$35,500	3/22/1977	False
1976-0000223-D	\$0	3/5/1976	False
1976-0029174	\$0	3/5/1976	False

**Features**

Code	Code Descr.	Year	Building	Size	Size Descr.	Units	Cond. Details	Percent
YARD IMPROVEMENT	Yard Improvement (RCN)	1985	314170009	2500.00	Replacement Cost New	N/A	0.00 Average	100.00
MISC STRUCT RCN	Miscellaneous Structure (RCN) [R]	0	314170009	5000.00	Replacement Cost New	N/A	0.00 Average	100.00

**Land Details**

Primary Use	Land Type	Acres	Eff. Frontage	Eff. Depth
Manufactured Home	LandLine 01 / 314170009 / Manufactured Home	2.04	0.00	0.00



## Building 1 - Building Details

**Address** 995 W MARKHAM ST  
**Type** MH Lot with MH on LPT (MO)  
**Year Built** 1985

Image: Sketch Image

### Structural Elements

Use	Detail
Basement	No Basement
Bathroom Condition	Average
Central Cooling	Yes
Central Heating	Yes
Kitchen Condition	Average
Roof Cover	Rock/Composite

### Floor Areas

Description	Level	Gross Area	Finished Area	Construction Type
Main Dwelling - MH	Ground	1848.00	1848.00	Wood or Light Steel (D)

### Unit Counts

Units/Costs	Category	Description
8	Bath Fixtures	Bathroom Fixtures
5544	Building Additive	Heat and Cooling (Cost)
2	MH Number of Units	Total MH Units
4	Room Count	Bedroom
1	Room Count	Dining Room
1	Room Count	Family Room / Den
2	Room Count	Bath - Full
1	Room Count	Kitchen
1	Room Count	Living Room
1	Room Count	Utility Room

Riverside County is not liable for erroneous or incomplete data.  
 California Revenue and Taxation Code Sec. 408.3 (d)

Date Printed: 3/17/2022



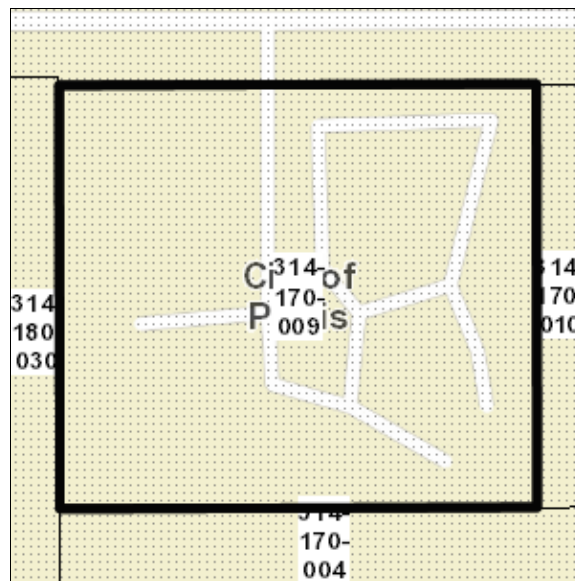
# Riverside County Parcel Report

APN(s):314170009

## DISCLAIMER

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## MAPS/IMAGES



## PARCEL

APN	314-170-009-9	Supervisory District	Boundaries for Districts 2, 4 and 5 will be updated in January, 2023. Boundaries for Districts 1 and 3 will be updated in January, 2025. JEFF HEWITT, DISTRICT 5
Previous APN	314170009 314170008	Township/Range	T4SR4W SEC 1 E
Owner Name	NOT AVAILABLE ONLINE	Elevation	1488 ft
Address	314170009 995 W MARKHAM ST PERRIS CA 92570	Thomas Bros. Map Page/Grid	PAGE: 777, GRID: E1
Mailing Address	314170009 1136 RICHFIELD RD PLACENTIA CA 92870	Indian Tribal Land	NOT IN A TRIBAL LAND
Legal Description	314170009 Recorded Book/Page: <a href="#">PM 17/13</a> Subdivision Name: PM 6304 Lot/Parcel: 1 Block: Tract Number:	City Boundary	PERRIS
		City Spheres of influence	NOT IN A CITY SPHERE
Lot Size	314170009	March Joint Powers	NOT IN THE JURISDICTION OF THE MARCH JOINT POWERS

	Recorded lot size is 2.04 acres	Authority	AUTHORITY
Property Characteristics	314170009 Year Constructed: 1985 Baths: 2 Bedrooms: 4 Construction Type: Wood or Light Steel (D) Garage Type: Property Area (sq ft): 1848 Roof Type: Rock/Composite Stories: 1 Pool: NO Central Cool: YES Central Heat: YES	County Service Area	NOT IN A COUNTY SERVICE AREA

Annexation Date	85-78-5 04/08/1986	LAFCO Case	85-78-5 04/08/1986
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Proposals	N/A		
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**PLANNING more...**

Specific Plans	NOT IN A SPECIFIC PLAN	Historic Preservation Districts	NOT IN A HISTORIC PRESERVATION DISTRICT
Land Use Designations	CITY	Agricultural Preserve	NOT IN AN AGRICULTURAL PRESERVE
General Plan Policy Overlays	N/A		
Area Plan (RCIP)	Mead Valley	Airport Influence Areas	MARCH AIR RESERVE BASE
General Plan Policy Areas	NOT IN A GENERAL PLAN POLICY AREA	Airport Compatibility Zones	MARCH AIR RESERVE BASE, ZONE C1
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Zoning Overlays	NOT IN A ZONING OVERLAY	Community Advisory Councils	NOT IN A COMMUNITY ADVISORY COUNCIL
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Residential Permit Stats			
N/A			

**ENVIRONMENTAL more...**

<a href="#">CVMSHCP (Coachella Valley Multi-Species Habitat Conservation Plan) Plan Area</a>	NOT IN A COACHELLA VALLEY MSHCP FEE AREA	WRMSHCP (Western Riverside County Multi-Species Habitat Conservation Plan) Cell Group	NOT IN A CELL GROUP
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Fire Hazard Classification ( <a href="#">Ord. 787</a> )	NOT IN A FIRE HAZARD ZONE	Fire Responsibility Area	NOT IN A FIRE RESPONSIBILITY AREA
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CVMSHCP (Coachella Valley Multi-Species Habitat Conservation Plan) Fee Area (Ord 875)	NOT IN A COACHELLA VALLEY MSHCP FEE AREA	RBBD (Road & Bridge Benefit District)	NOT IN A ROAD BRIDGE BENEFIT DISTRICT
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		CETAP (Community and Environmental Transportation Acceptability Process) Corridors	NOT IN A CETAP CORRIDOR

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Flood Plan Review	OUTSIDE FLOODPLAIN, REVIEW NOT REQUIRED	Watershed	SAN JACINTO VALLEY
Water District	EASTERN MUNICIPAL WATER DISTRICT		
Flood Control District	RIVERSIDE COUNTY FLOOD CONTROL DISTRICT		

### GEOLOGIC

Fault Zone	NOT IN A FAULT ZONE	Paleontological Sensitivity	HIGH SENSITIVITY (HIGH B): SENSITIVITY EQUIVALENT TO HIGH A, BUT IS BASED ON THE OCCURRENCE OF FOSSILS AT A SPECIFIED DEPTH BELOW THE SURFACE. THE CATEGORY HIGH B INDICATES THAT FOSSILS ARE LIKELY TO BE ENCOUNTERED AT OR BELOW FOUR FEET OF DEPTH, AND MAY BE IMPACTED DURING EXCAVATION BY CONSTRUCTION ACTIVITIES.
Faults	NOT IN A FAULT LINE		
Liquefaction Potential	LOW		
Subsidence	SUSCEPTIBLE		

### MISCELLANEOUS

School District	VAL VERDE UNIFIED
Communities	PERRIS
Lighting (Ord. 655)	ZONE: B
Census Tract	426.25
Farmland	OTHER LANDS
Special Notes	NO SPECIAL NOTES
Tax Rate Areas	008051 - CITY OF PERRIS 008051 - CO FREE LIBRARY 008051 - EMWD 008051 - EMWD IMP DIST 13 008051 - EMWD IMP DIST A 008051 - FLOOD CONTROL ADMIN 008051 - FLOOD CONTROL ZN 4 008051 - GENERAL 008051 - GENERAL PURPOSE 008051 - MWD EAST 1301999 008051 - PERRIS AREA ELEM SCHOOL FUND 008051 - PERRIS JR HIGH AREA FUND 008051 - PERRIS VALLEY CEMETERY 008051 - RDV PROJ 1987



**Department of Environmental Health Permits**

**Septic Permits**

Record Id	Application Date	Plan Check Approved Date	Final Inspection Date	Approved Date
N/A	N/A	N/A	N/A	N/A

**Well Water Permits**

Record Id	PE	Permit Paid Date	Permit Approved Date	Well Finaled Date
N/A	N/A	N/A	N/A	N/A

**PLUS PERMITS & CASES**

**Administrative Cases**

Case	Case Description	Status
N/A	N/A	N/A

**Building and Safety Cases**

Case	Case Description	Status
013489	PROPANE GAS LINE	FINAL
104868	MH INSTALLATION	FINAL

**Code Cases**

Case	Case Description	Status
N/A	N/A	N/A

**Fire Cases**

Case	Case Description	Status
N/A	N/A	N/A

**Planning Cases**

Case	Case Description	Status
N/A	N/A	N/A

**Survey Cases**

Case	Case Description	Status
N/A	N/A	N/A

**Transportation Cases**

Case	Case Description	Status
N/A	N/A	N/A



**OFFICE OF THE TREASURER-TAX COLLECTOR  
RIVERSIDE COUNTY, CALIFORNIA**



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- [📁 MANAGE E-BILLING SUBSCRIPTIONS](#)

**Account Information**

PARCEL NUMBER	PROPERTY TYPE	STATUS	LAST UPDATE
314170009	Real	Active	3/30/2022 10:20:54 AM
<b>Tax Rate Area</b>			
Current Owner: DONALD DEAN ROBINSON		008-051 PERRIS	
<b>Class Code</b>			
MH Lot with MH on LPT (MO)			
<b>Legal Description</b>			
2.04 ACRES NET IN PAR 1 PM 017/013 PM 6304			

**Secured Property Tax**

**BILL NUMBER: 2021003713961 - ANNUAL** [VIEW BILL DETAIL](#)

TAX YEAR : 2021	TAX	OTHER CHARGES	TOTAL PAID	TOTAL	DUE DATE	STATUS
Installment #1	\$1,345.90	\$134.57	\$0.00	\$1,480.47	12/10/2021	<a href="#">PAY</a>
Installment #2	\$1,345.90	\$0.00	\$0.00	\$1,345.90	4/11/2022	<a href="#">PAY</a>
Total Bill	\$2,691.80	\$134.57	\$0.00	\$2,826.37		<a href="#">PAY TOTAL BILL</a>

**Total Secured Tax**

	TAX	OTHER CHARGES	TOTAL PAID	TOTAL
Grand Total	\$2,691.80	\$134.57	\$0.00	\$2,826.37

**PLEASE NOTE**

Please click "PAY" to add unpaid tax bills to your Cart.  
 If your Assessment has both current and defaulted tax years due, you will need to add each of these to your check out cart individually.  
 All secured defaulted tax years must be paid together (adding one will add all prior year items to your Cart).

**Paid Tax Bills**

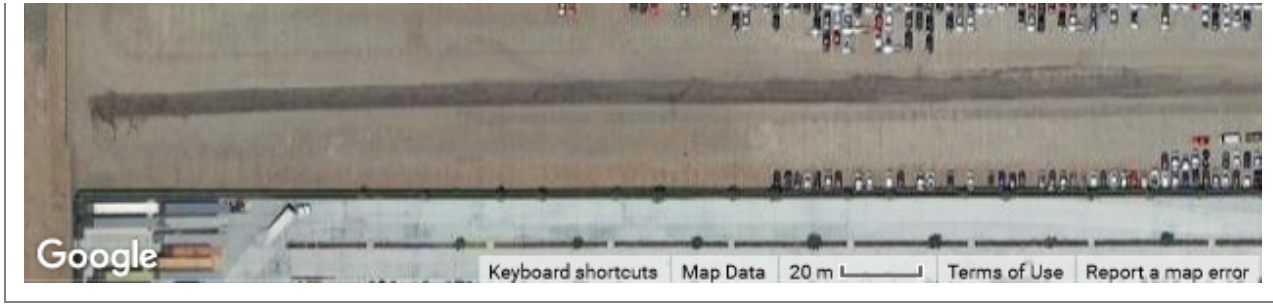
[Click here to view previously paid tax bills.](#)



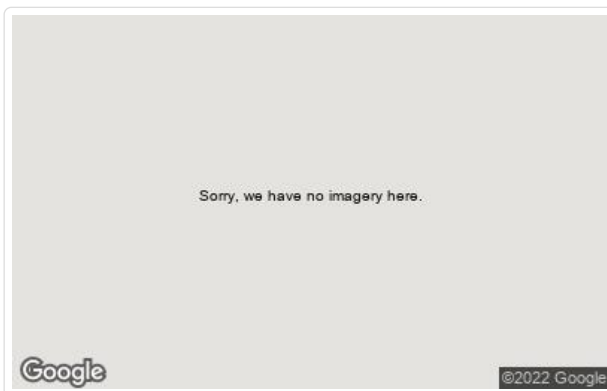
Riverside County, CA - Community: Property Search  
Property ID Number (PIN/APN): 314170010







Property ID Number (PIN/APN): 314170010



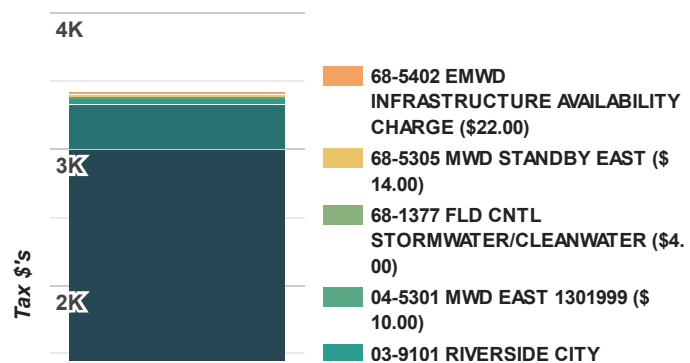
### General Information

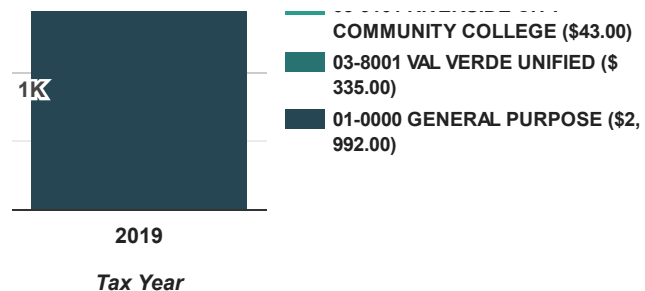
<b>Property ID Number (PIN/APN)</b>	<b>314170010</b>
<b>Owner</b>	<a href="#">More Information</a>
<b>Property Address</b>	<b>945 W MARKHAM ST</b>
<b>Property Type</b>	<b>Residential Use Zoned Commercial</b>
<b>TAG</b>	<b>008-051 PERRIS</b>
<b>Acreage</b>	<b>2.040</b>

[View Aerial Images](#)

[View Assessor Map](#)

### Tax Summary

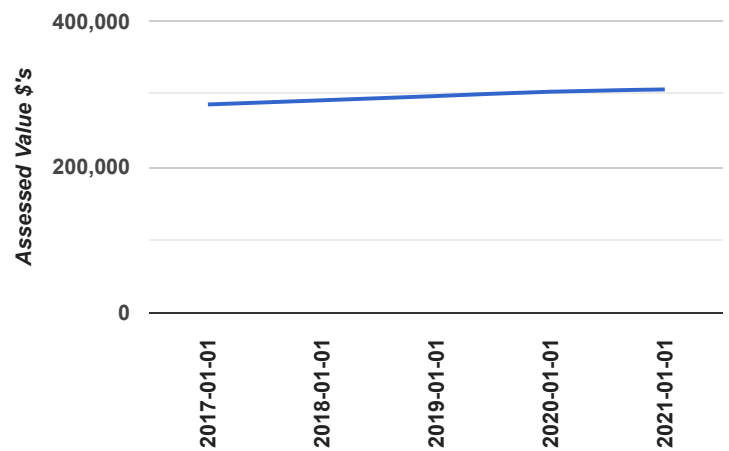




Total Tax
\$3,420.00

Value History

Year	Event Type	Roll Caste	Event Date	Assessment Value	Net Taxable Value
2017	Annual	Annual	2017-01-01	\$285,614	\$278,614
2018	Annual	Annual	2018-01-01	\$291,326	\$284,326
2019	Annual	Annual	2019-01-01	\$297,151	\$290,151
2020	Annual	Annual	2020-01-01	\$303,093	\$296,093
2021	Annual	Annual	2021-01-01	\$306,232	\$299,232



### Assessed Value

**7.22%**

^ Increase since 2017

### Sales History

Date	Document #	Sale Price	Sale Type	Qualified
02-28-2001	2001-0079942	\$250,000	Straight Transfer	Qualified



## Buildings

### Residence

---

<b>Building Type</b>	<b>Guesthouse - Modern (1950-1990)</b>
<b>Effective Year Built</b>	<b>1976</b>
<b>Year Built</b>	<b>1976</b>
<b>Living Area sqft</b>	<b>1,691</b>
<b>Actual Area sqft</b>	<b>2,590</b>
<b>Quality</b>	<b>7.5</b>
<b>Cond</b>	<b>Average</b>
<b>Baths</b>	<b>2</b>
<b>Bedrooms</b>	<b>4</b>
<b>Has Fireplace</b>	<b>Yes</b>
<b>Central Cooling</b>	<b>Yes</b>
<b>Central Heating</b>	<b>Yes</b>
<b>Roof Type</b>	<b>Shake/Wood Shingles</b>



**Assessor - County Clerk - Recorder**  
Riverside County, CA

**Property Detail**

<b>945 W MARKHAM ST PERRIS CA 92570</b>	<b>Assessment No.</b>	314170010
	<b>APN</b>	314170010
	<b>Property Type</b>	Residential Use Zoned Commercial
	<b>Neighborhood</b>	Residential Use Zoned Commercial - Temecula District
	<b>Acreage</b>	2.04

**Legal Description**

2.04 ACRES NET IN PAR 2 PM 017/013 PM 6304 SubdivisionName PM 6304 Acres 002.04 NET LotType Parcel Parcel 2 RecMapType Parcel Map MapPlatB 017 MapPlatP 013

**Value History (Part 1)**

Year	Reason Date	Market Value				Factored Base Year Value			
		Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total
2018	Other 01/01/2018					\$146,987	\$144,339		\$291,326
2019	01/01/2019					\$149,927	\$147,224		\$297,151
2020	01/01/2020					\$152,925	\$150,168		\$303,093
2021	01/01/2021					\$154,509	\$151,723		\$306,232

**Value History (Part 2)**

Year	Restricted Value				Assessed Value				Penalty	Exemption	Net Taxable Value
	Land	Improvement	Living Improvement	Total	Land	Improvement	Living Improvement	Total			
2018					\$146,987	\$144,339		\$291,326		\$7,000	\$284,326
2019					\$149,927	\$147,224		\$297,151		\$7,000	\$290,151
2020					\$152,925	\$150,168		\$303,093		\$7,000	\$296,093
2021					\$154,509	\$151,723		\$306,232		\$7,000	\$299,232

**Transfer History**

Doc #	Sales Price	Date	Vacant Land
2001-0079942	\$250,000	2/28/2001	False
1990-0195661	\$0	5/29/1990	False
1977-0030319	\$65,000	2/24/1977	False
1976-0099465	\$0	7/9/1976	False
1976-0029173	\$0	3/5/1976	False
1976-0000223-D	\$0	3/5/1976	False

**Features**

Code	Code Descr.	Year	Building	Size	Size Descr.	Units	Cond. Details	Percent
YARD IMPROVEMENT	Yard Improvement (RCN)	1976	314170010	5795.00	Replacement Cost New	N/A	0.00 Average	100.00
POOL	Pool (RCN)	1976	314170010	20000.00	Replacement Cost New	Average	0.00 Average	100.00
POOL EXTRA	Pool Extra (RCN)	1976	314170010	2500.00	Replacement Cost New	Average	0.00 Average	100.00
MISC STRUCT RCN	Miscellaneous Structure (RCN) [R]	0	314170010	8000.00	Replacement Cost New	N/A	0.00 Average	100.00

**Land Details**

Primary Use	Land Type	Acres	Eff. Frontage	Eff. Depth
Commercial	LandLine 01 / 314170010 / Commercial	2.04	318.00	280.00

## Residence - Building Details

**Address** 945 W MARKHAM ST  
**Type** Residential Use Zoned Commercial  
**Year Built** 1976

Image: Sketch Image

### Structural Elements

Use	Detail
Basement	No Basement
Bathroom Condition	Average
Central Cooling	Yes
Central Heating	Yes
Kitchen Condition	Average
Roof Cover	Shake/Wood Shingles

### Floor Areas

Description	Level	Gross Area	Finished Area	Construction Type
Main Dwelling	Ground	1691.00	1691.00	Wood or Light Steel (D)
Fractional Area (1/4)	Ground	384.00	384.00	Wood or Light Steel (D)
Attached Garage	Ground	515.00	515.00	Wood or Light Steel (D)

### Unit Counts

Units/Costs	Category	Description
7	Bath Fixtures	Bathroom Fixtures
1500	Building Additive	Fireplace (Cost)
3748	Building Additive	Heat and Cooling (Cost)
1	Room Count	Bath - 3/4
4	Room Count	Bedroom
1	Room Count	Dining Room
1	Room Count	Bath - Full
1	Room Count	Kitchen
1	Room Count	Living Room

Riverside County is not liable for erroneous or incomplete data.  
 California Revenue and Taxation Code Sec. 408.3 (d)

Date Printed: 3/17/2022



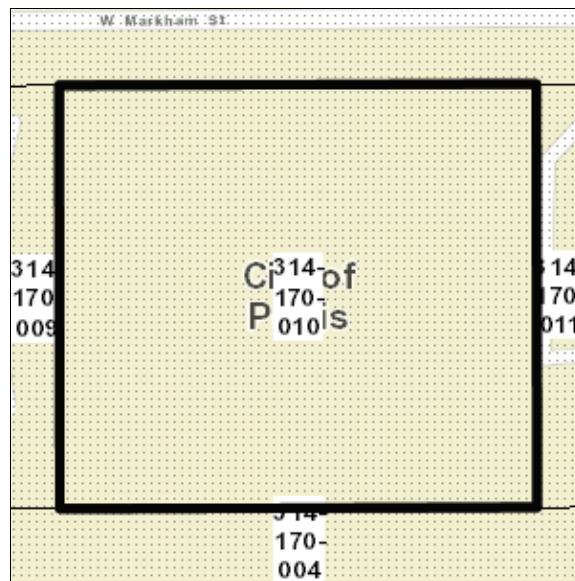
# Riverside County Parcel Report

APN(s):314170010

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Legal Description	314170010 Recorded Book/Page: <a href="#">PM 17/13</a> Subdivision Name: PM 6304 Lot/Parcel: 2 Block: Tract Number:	City Boundary	PERRIS
		City Spheres of influence	NOT IN A CITY SPHERE
Lot Size	314170010	March Joint Powers	NOT IN THE JURISDICTION OF THE MARCH JOINT POWERS



	Recorded lot size is 2.04 acres	Authority	AUTHORITY
Property Characteristics	314170010 Year Constructed: 1976 Baths: 2 Bedrooms: 4 Construction Type: Wood or Light Steel (D) Garage Type: Attached Garage Property Area (sq ft): 2590 Roof Type: Shake/Wood Shingles Stories: 1 Pool: YES Central Cool: YES Central Heat: YES	County Service Area	NOT IN A COUNTY SERVICE AREA

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Proposals	N/A		
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**Department of Environmental Health Permits**

**Septic Permits**

Record Id	Application Date	Plan Check Approved Date	Final Inspection Date	Approved Date
N/A	N/A	N/A	N/A	N/A

**Well Water Permits**

Record Id	PE	Permit Paid Date	Permit Approved Date	Well Finaled Date
N/A	N/A	N/A	N/A	N/A

**PLUS PERMITS & CASES**

**Administrative Cases**

Case	Case Description	Status
N/A	N/A	N/A

**Building and Safety Cases**

Case	Case Description	Status
N/A	N/A	N/A

**Code Cases**

Case	Case Description	Status
N/A	N/A	N/A

**Fire Cases**

Case	Case Description	Status
N/A	N/A	N/A

**Planning Cases**

Case	Case Description	Status
N/A	N/A	N/A

**Survey Cases**

Case	Case Description	Status
N/A	N/A	N/A

**Transportation Cases**

Case	Case Description	Status
N/A	N/A	N/A

**Transportation Cases**

Case	Case Description	Status
N/A	N/A	N/A



# OFFICE OF THE TREASURER-TAX COLLECTOR RIVERSIDE COUNTY, CALIFORNIA



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## Account Information

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<b>Tax Rate Area</b>			
Current Owner: BERGER STEPHEN		008-051 PERRIS	
<b>Class Code</b>			
Residential Use Zoned Commercial			
<b>Legal Description</b>			
2.04 ACRES NET IN PAR 2 PM 017/013 PM 6304			

## Secured Property Tax

BILL NUMBER: 2021000546406 - ANNUAL [VIEW BILL DETAIL](#)

TAX YEAR : 2021	TAX	OTHER CHARGES	TOTAL PAID	TOTAL	DUE DATE	STATUS
Installment #2	\$1,711.47	\$0.00	\$0.00	\$1,711.47	4/11/2022	<a href="#">PAY</a>
Total Bill	\$1,711.47	\$0.00	\$0.00	\$1,711.47		<a href="#">PAY TOTAL BILL</a>

### Total Secured Tax

	TAX	OTHER CHARGES	TOTAL PAID	TOTAL
Grand Total	\$1,711.47	\$0.00	\$0.00	\$1,711.47

### PLEASE NOTE

Please click "PAY" to add unpaid tax bills to your Cart.  
 If your Assessment has both current and defaulted tax years due, you will need to add each of these to your check out cart individually.  
 All secured defaulted tax years must be paid together (adding one will add all prior year items to your Cart).

## Paid Tax Bills

[Click here to view previously paid tax bills.](#)





THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSES ONLY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA SHOWN. ASSESSOR'S PARCEL MAY NOT COMPLY WITH LOCAL LOT-SPLIT OR BUILDING SITE ORDINANCES.

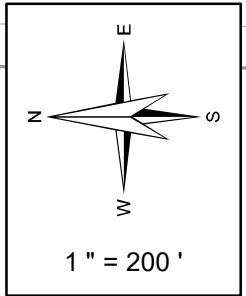
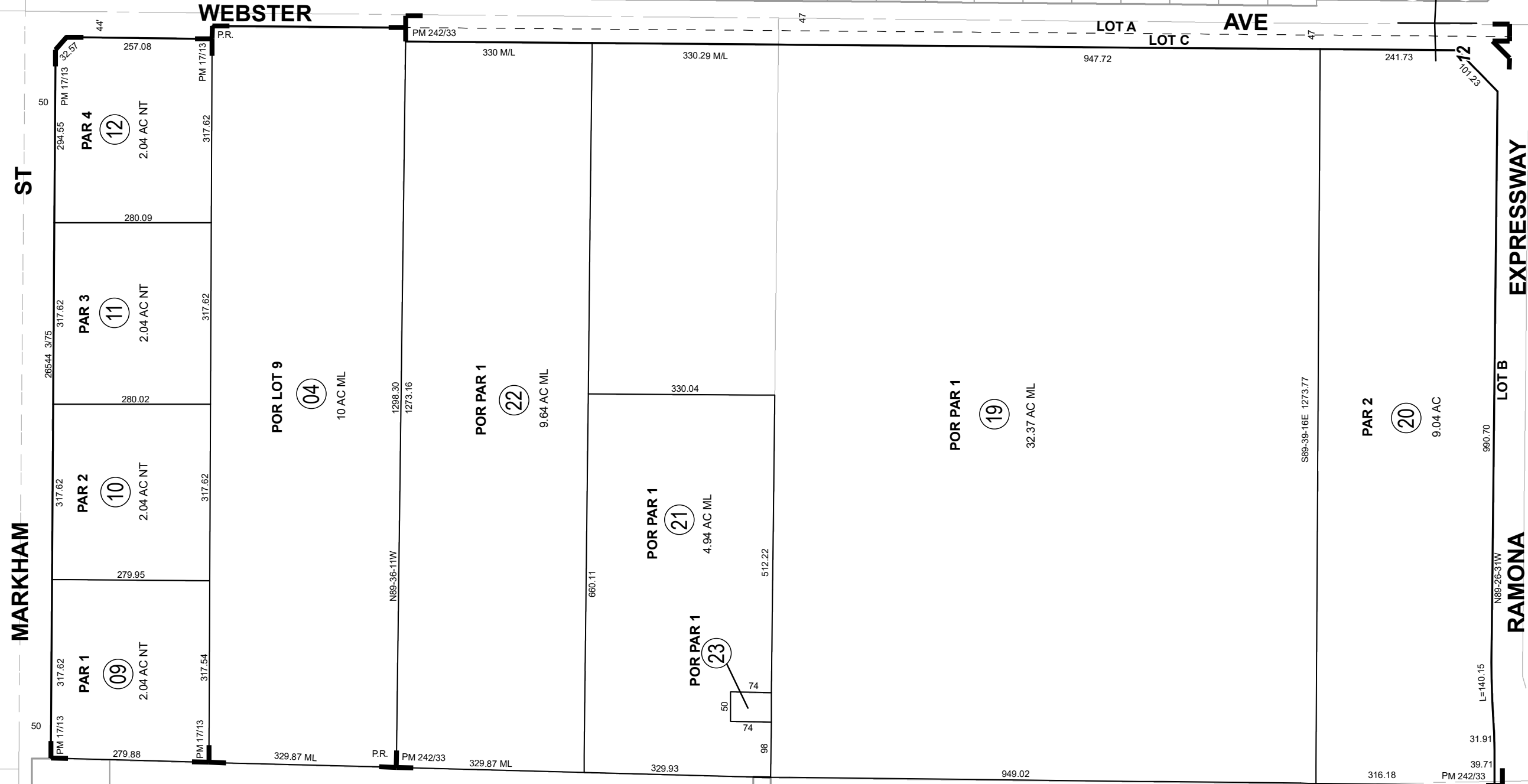
E1/2 OF SE1/4 OF SEC. 1, T.4S, R.4W

CITY OF PERRIS

TRA 008-051

314-17

16-24



**Legend**

- Lot Lines
- Right-Of-Way
- - - Old Lot Lines
- - - Reference R.O.W.
- · · · · Other Easements
- · · · · Lease Area
- ▬ Subdivision Tic Mark



**Data \***  
 CO. SUR. 754-FF  
 PM 61/85  
 MB 1/6-7

Bk 302 Pg 03	Bk 302 Pg 26	Bk 303 Pg 02
Pg 16	Pg 17	Bk 317 Pg 12
	Pg 18	

**Map Reference \***  
 MB 7/45 PERRY RESUBDIVISION  
 PM 17/13 PARCEL MAP NO. 6304  
 PM 242/33 - 37 PARCEL MAP NO. 36512

Date	Old Number	New Number
4/1/1975	3	8,ST
3/1/1976	8	9-12
3/1/1979	6	13-16
10/1/1983	2	17,ST
8/19/2017	15,16	18
8/19/2017	180-1,7,9,21	18
8/19/2017	18	19,20
8/19/2017	13,14	21
8/19/2017	5	22
8/19/2017	7	23
8/19/2017	1	180-25
8/19/2017	17	180-26

## **APPENDIX C: REGULATORY DATABASE REPORT**

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# DATABASE REPORT

**Project Property:** 945-995 Markham  
945-995 Markham  
PERRIS CA 92571

**Project No:** 22-362701.1

**Report Type:** Database Report

**Order No:** 22031501171

**Requested by:** Partner Engineering and Science, Inc.

**Date Completed:** March 16, 2022

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## **Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY**

**Reliance on information in Report:** This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

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# Executive Summary

## Property Information:

**Project Property:** 945-995 Markham  
945-995 Markham PERRIS CA 92571

**Project No:** 22-362701.1

### **Coordinates:**

**Latitude:** 33.85137193  
**Longitude:** -117.24714968  
**UTM Northing:** 3,745,704.06  
**UTM Easting:** 477,136.56  
**UTM Zone:** UTM Zone 11S

**Elevation:** 1,488 FT

## Order Information:

**Order No:** 22031501171  
**Date Requested:** March 15, 2022  
**Requested by:** Partner Engineering and Science, Inc.  
**Report Type:** Database Report

## Historicals/Products:

<b>Aerial Photographs</b>	<i>Historical Aerials (with Project Boundaries)</i>
<b>City Directory Search</b>	<i>Smart CD Search</i>
<b>ERIS Xplorer</b>	<a href="#"><i>ERIS Xplorer</i></a>
<b>Excel Add-On</b>	<i>Excel Add-On</i>
<b>Fire Insurance Maps</b>	<i>US Fire Insurance Maps</i>
<b>Physical Setting Report (PSR)</b>	<i>Physical Setting Report (PSR)</i>
<b>Topographic Map</b>	<i>Topographic Maps</i>
<b>Vapor Screening Tool</b>	<i>Vapor Screening Tool</i>



# Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
<b><u>Standard Environmental Records</u></b>								
<b>Federal</b>								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	0	-	0
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	1	0	-	-	1
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	3	1	-	-	4
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

<b>Database</b>	<b>Searched</b>	<b>Search Radius</b>	<b>Project Property</b>	<b>Within 0.12mi</b>	<b>0.125mi to 0.25mi</b>	<b>0.25mi to 0.50mi</b>	<b>0.50mi to 1.00mi</b>	<b>Total</b>
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
<b>State</b>								
RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	0	0	0	0	0
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
SWRCB SWF	Y	0.5	0	0	0	0	-	0
WMUD	Y	0.5	0	0	0	0	-	0
HWP	Y	1	0	0	0	0	0	0
SWAT	Y	0.5	0	0	0	0	-	0
C&D DEBRIS RECY	Y	0.5	0	0	0	0	-	0
RECYCLING	Y	0.5	0	0	0	0	-	0
PROCESSORS	Y	0.5	0	0	0	0	-	0
CONTAINER RECY	Y	0.5	0	0	0	0	-	0
LDS	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	0	0	0	-	0
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	0	-	-	0
UST CLOSURE	Y	0.5	0	0	0	0	-	0
HHSS	Y	0.25	0	0	0	-	-	0
UST SWEEPS	Y	0.25	0	0	0	-	-	0
AST	Y	0.25	0	0	0	-	-	0
AST SWRCB	Y	0.25	0	0	0	-	-	0
TANK OIL GAS	Y	0.25	0	0	0	-	-	0
DELISTED TNK	Y	0.25	0	0	0	-	-	0
CERS TANK	Y	0.25	0	0	0	-	-	0
DELISTED CTNK	Y	0.25	0	0	0	-	-	0
HIST TANK	Y	0.25	0	0	0	-	-	0
LUR	Y	0.5	0	0	0	0	-	0
CALSITES	Y	0.5	0	0	0	0	-	0

<b>Database</b>	<b>Searched</b>	<b>Search Radius</b>	<b>Project Property</b>	<b>Within 0.12mi</b>	<b>0.125mi to 0.25mi</b>	<b>0.25mi to 0.50mi</b>	<b>0.50mi to 1.00mi</b>	<b>Total</b>
HLUR	Y	0.5	0	0	0	0	-	0
DEED	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
CLEANUP SITES	Y	0.5	0	0	0	0	-	0
DELISTED COUNTY	Y	0.25	0	0	0	-	-	0
<b>Tribal</b>								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0
<b>County</b>								
LOP RIVERSIDE	Y	0.5	0	0	0	0	-	0
UST RIVERSIDE	Y	0.25	0	0	0	-	-	0
<b><u>Additional Environmental Records</u></b>								
<b>Federal</b>								
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0

<b>Database</b>	<b>Searched</b>	<b>Search Radius</b>	<b>Project Property</b>	<b>Within 0.12mi</b>	<b>0.125mi to 0.25mi</b>	<b>0.25mi to 0.50mi</b>	<b>0.50mi to 1.00mi</b>	<b>Total</b>
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
URANIUM	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCB	Y	0.5	0	0	0	0	-	0
<b>State</b>								
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DRYC GRANT	Y	0.25	0	0	0	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	0	0	-	0
HWSS CLEANUP	Y	0.5	0	0	0	0	-	0
TOXIC PITS	Y	1	0	0	0	0	0	0
DTSC HWF	Y	0.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	0	0	0	0
SCH	Y	1	0	0	0	0	0	0
CHMIRS	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	0	-	-	-	-	0
HIST MANIFEST	Y	PO	0	-	-	-	-	0
HW TRANSPORT	Y	0.125	0	0	-	-	-	0
WASTE TIRE	Y	PO	0	-	-	-	-	0
MEDICAL WASTE	Y	0.25	0	0	0	-	-	0
HIST CORTESE	Y	0.5	0	0	0	0	-	0
CDO/CAO	Y	0.5	0	0	0	0	-	0
CERS HAZ	Y	0.125	0	2	-	-	-	2
DELISTED HAZ	Y	0.5	0	0	0	0	-	0
GEOTRACKER	Y	0.125	0	0	-	-	-	0
MINE	Y	1	0	0	0	0	0	0
LIEN	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
WASTE DISCHG	Y	0.25	0	0	0	-	-	0
EMISSIONS	Y	0.25	0	0	0	-	-	0
CDL	Y	0.125	0	0	-	-	-	0

**Tribal** *No Tribal additional environmental record sources available for this State.*

County	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
HWG RIVERSIDE	Y	0.125	0	2	-	-	-	2
HZH RIVERSIDE	Y	0.125	0	2	-	-	-	2
MED WST RIVERSIDE	Y	0.25	0	0	0	-	-	0
RMP RIVERSIDE	Y	PO	0	-	-	-	-	0
<b>Total:</b>			0	10	1	0	0	11

\* PO – Property Only

\* 'Property and adjoining properties' database search radii are set at 0.25 miles.



## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
--------------------	-----------	--------------------------	----------------	------------------	-----------------------------	---------------------------	------------------------

No records found in the selected databases for the project property.

## Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<a href="#">1</a>	RCRA NON GEN	COPART	4332 WEBSTER AVE PERRIS CA 92571  <i>EPA Handler ID: CAL000456208</i>	ESE	0.01 / 53.96	-2	<a href="#">18</a>
<a href="#">1</a>	HWG RIVERSIDE	Copart (yd 010A)	4332 N Webster Ave Perris CA 92571	ESE	0.01 / 53.96	-2	<a href="#">19</a>
<a href="#">1</a>	HZH RIVERSIDE	Copart (yd 010A)	4332 N Webster Ave Perris CA 92571	ESE	0.01 / 53.96	-2	<a href="#">19</a>
<a href="#">1</a>	CERS HAZ	Copart (yd 10A)	4332 N WEBSTER AVE PERRIS CA 92571	ESE	0.01 / 53.96	-2	<a href="#">19</a>
<a href="#">2</a>	RCRA NON GEN	MAMCO INC DBA ALABBASI	855 W MARKHAM ST PERRIS CA 92571-7004  <i>EPA Handler ID: CAL000418190</i>	E	0.09 / 464.95	-6	<a href="#">22</a>
<a href="#">3</a>	RCRA NON GEN	GAMA BRO'S, INC.	4413 PATTERSON AVE. PERRIS CA 92571  <i>EPA Handler ID: CAC002969720</i>	WNW	0.11 / 569.21	5	<a href="#">23</a>
<a href="#">3</a>	HZH RIVERSIDE	GXO Logistics	4413 Patterson Ave Perris CA 92571	WNW	0.11 / 569.21	5	<a href="#">24</a>
<a href="#">3</a>	CERS HAZ	GXO Logistics Supply Chain	4413 PATTERSON AVE PERRIS CA 92571	WNW	0.11 / 569.21	5	<a href="#">24</a>
<a href="#">3</a>	RCRA SQG	GXO LOGISTICS	4413 PATTERSON AVE PERRIS CA 92571  <i>EPA Handler ID: CAR000327577</i>	WNW	0.11 / 569.21	5	<a href="#">28</a>
<a href="#">3</a>	HWG RIVERSIDE	GXO Logistics	4413 Patterson Ave Perris CA 92571	WNW	0.11 / 569.21	5	<a href="#">30</a>
<a href="#">4</a>	RCRA NON GEN	AUTO AID	845 W NANCE ST PERRIS CA 92571  <i>EPA Handler ID: CAL000423338</i>	NNE	0.23 / 1,220.59	-7	<a href="#">30</a>

## Executive Summary: Summary by Data Source

### **Standard**

#### **Federal**

##### **RCRA SQG - RCRA Small Quantity Generators List**

A search of the RCRA SQG database, dated Jan 31, 2022 has found that there are 1 RCRA SQG site(s) within approximately 0.25 miles of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (mi/ft)</u></b>	<b><u>Map Key</u></b>
GXO LOGISTICS	4413 PATTERSON AVE PERRIS CA 92571	WNW	0.11 / 569.21	<a href="#"><u>3</u></a>
<i>EPA Handler ID: CAR000327577</i>				

##### **RCRA NON GEN - RCRA Non-Generators**

A search of the RCRA NON GEN database, dated Jan 31, 2022 has found that there are 4 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (mi/ft)</u></b>	<b><u>Map Key</u></b>
GAMA BRO'S, INC.	4413 PATTERSON AVE. PERRIS CA 92571	WNW	0.11 / 569.21	<a href="#"><u>3</u></a>
<i>EPA Handler ID: CAC002969720</i>				

<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (mi/ft)</u></b>	<b><u>Map Key</u></b>
COPART	4332 WEBSTER AVE PERRIS CA 92571	ESE	0.01 / 53.96	<a href="#"><u>1</u></a>
<i>EPA Handler ID: CAL000456208</i>				
MAMCO INC DBA ALABBASI	855 W MARKHAM ST PERRIS CA 92571-7004	E	0.09 / 464.95	<a href="#"><u>2</u></a>
<i>EPA Handler ID: CAL000418190</i>				
AUTO AID	845 W NANCE ST PERRIS CA 92571	NNE	0.23 / 1,220.59	<a href="#"><u>4</u></a>
<i>EPA Handler ID: CAL000423338</i>				

### **Non Standard**

#### **State**

##### **CERS HAZ - California Environmental Reporting System (CERS) Hazardous Waste Sites**

A search of the CERS HAZ database, dated Dec 8, 2021 has found that there are 2 CERS HAZ site(s) within approximately 0.12 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GXO Logistics Supply Chain	4413 PATTERSON AVE PERRIS CA 92571	WNW	0.11 / 569.21	<a href="#">3</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Copart (yd 10A)	4332 N WEBSTER AVE PERRIS CA 92571	ESE	0.01 / 53.96	<a href="#">1</a>

## County

### HWG RIVERSIDE - Riverside County - Hazardous Waste Generator Sites List

A search of the HWG RIVERSIDE database, dated Jan 18, 2022 has found that there are 2 HWG RIVERSIDE site(s) within approximately 0.12 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GXO Logistics	4413 Patterson Ave Perris CA 92571	WNW	0.11 / 569.21	<a href="#">3</a>

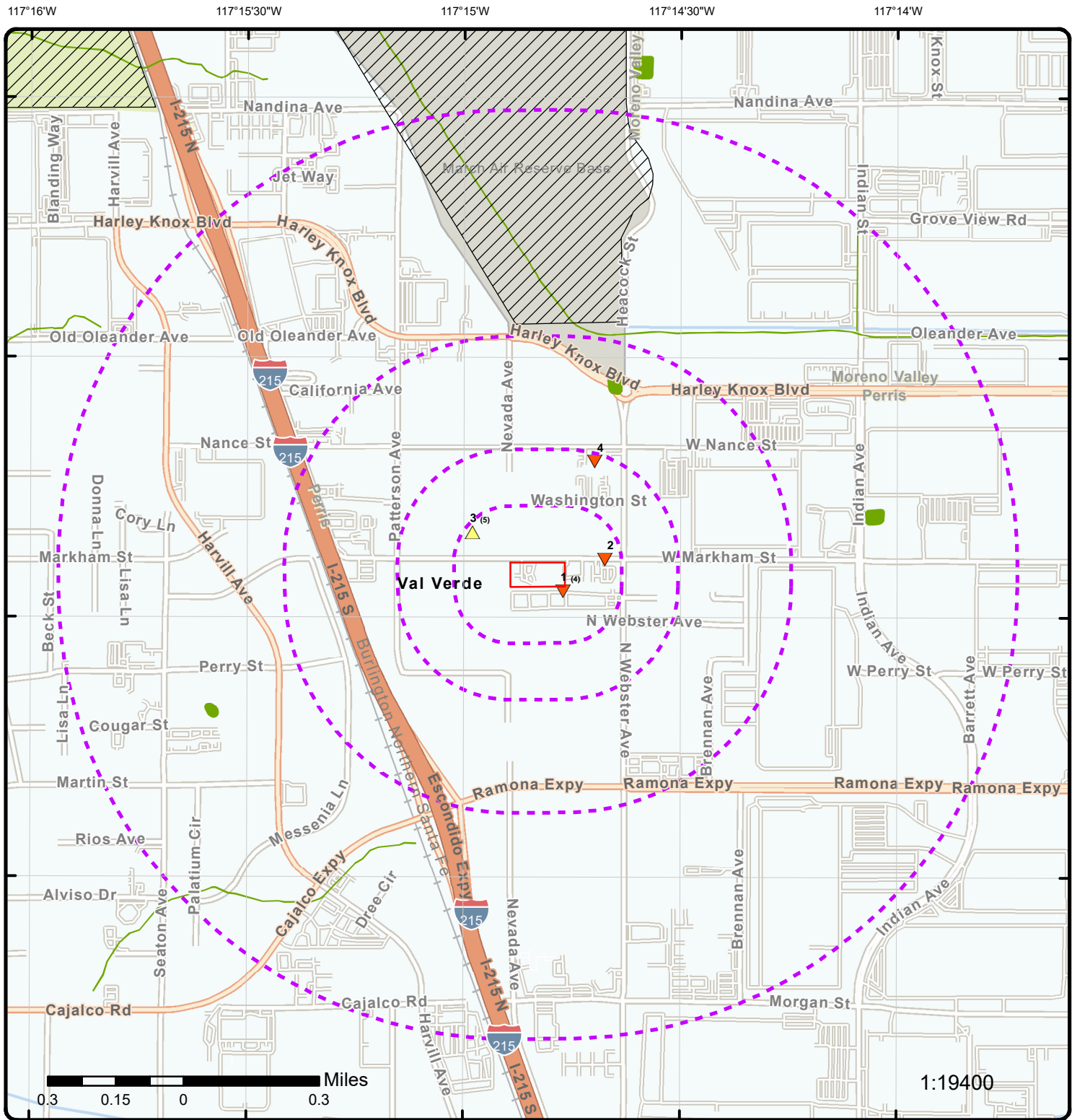
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Copart (yd 010A)	4332 N Webster Ave Perris CA 92571	ESE	0.01 / 53.96	<a href="#">1</a>

### HZH RIVERSIDE - Riverside County - Disclosure Facility List

A search of the HZH RIVERSIDE database, dated Jan 18, 2022 has found that there are 2 HZH RIVERSIDE site(s) within approximately 0.12 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
GXO Logistics	4413 Patterson Ave Perris CA 92571	WNW	0.11 / 569.21	<a href="#">3</a>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
Copart (yd 010A)	4332 N Webster Ave Perris CA 92571	ESE	0.01 / 53.96	<a href="#">1</a>



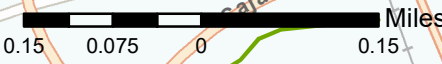
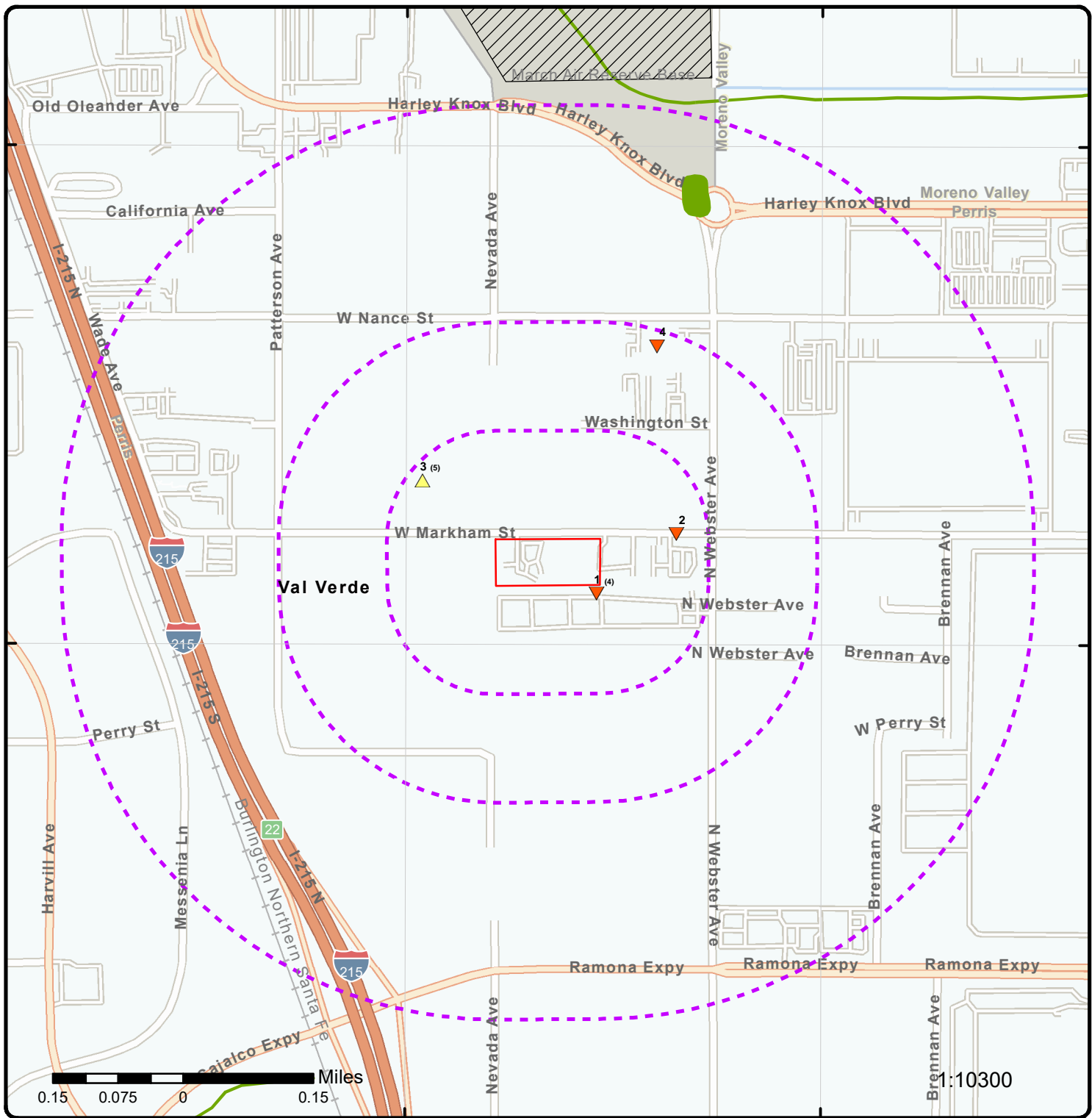
**Map: 1.0 Mile Radius**

Order Number: 22031501171  
 Address: 945-995 Markham, PERRIS, CA



- |                                   |                        |                              |                               |
|-----------------------------------|------------------------|------------------------------|-------------------------------|
| Project Property                  | Buffer Outline         | State                        | FWS Special Designation Areas |
| Eris Sites with Higher Elevation  | Freeways; Highways     | Country                      | Plume                         |
| Eris Sites with Same Elevation    | Traffic Circle; Ramp   | National Priority List Sites | National Wetland              |
| Eris Sites with Lower Elevation   | Major & Minor Arterial | Indian Reserve Land          | 100 Year Flood Zone           |
| Eris Sites with Unknown Elevation | Traffic Circle; Ramp   | Historic Fill                | 500 Year Flood Zone           |
| Eris Areas with Higher Elevation  | Local Road             |                              |                               |
| Eris Areas with Same Elevation    | Rail                   |                              |                               |
| Eris Areas with Lower Elevation   |                        |                              |                               |
| Eris Areas with Unknown Elevation |                        |                              |                               |





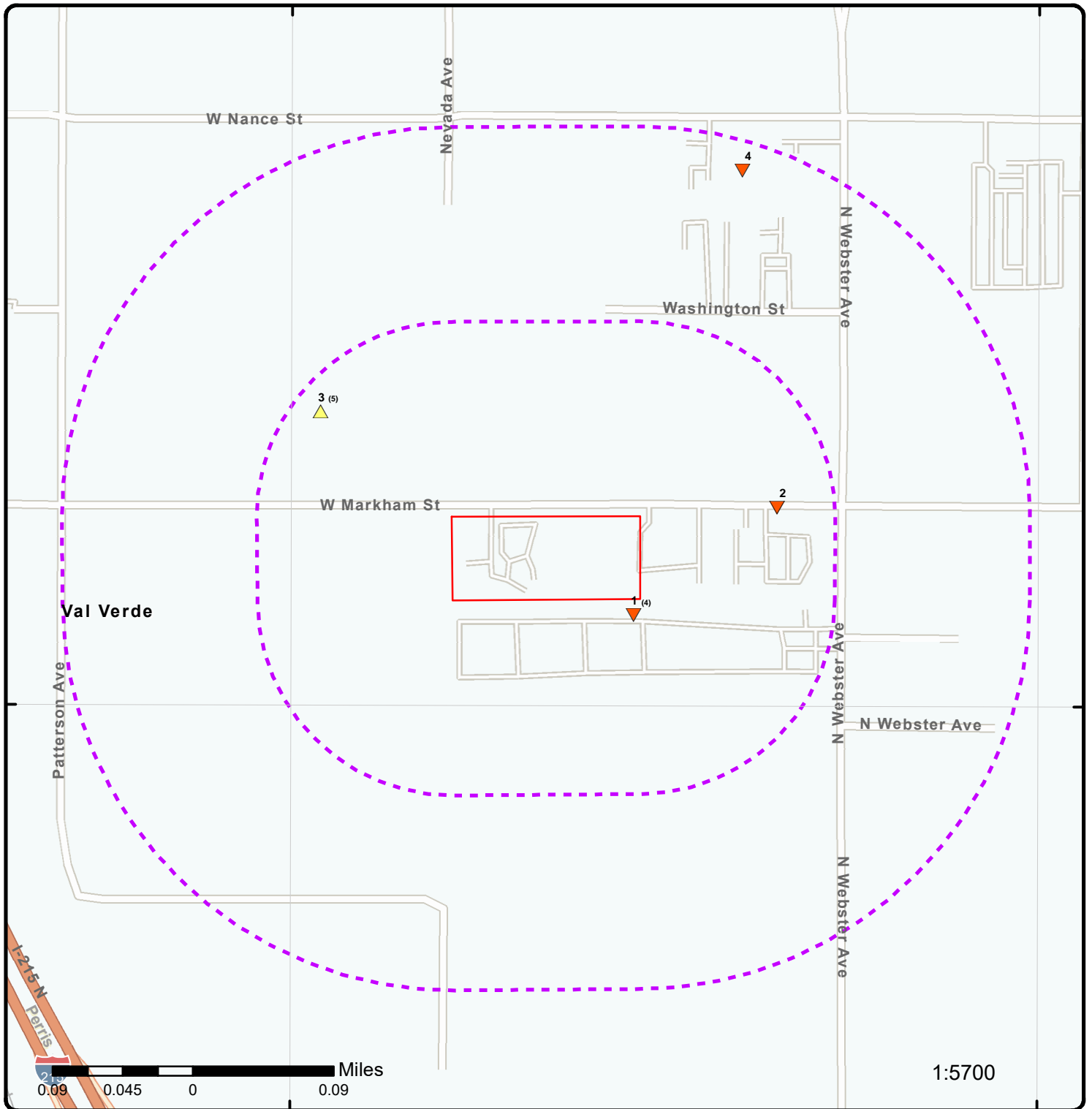
Scale: 1:10300

### Map: 0.5 Mile Radius

Order Number: 22031501171  
 Address: 945-995 Markham, PERRIS, CA



- |                                   |                        |                      |                              |                               |
|-----------------------------------|------------------------|----------------------|------------------------------|-------------------------------|
| Project Property                  | Buffer Outline         | Freeways; Highways   | State                        | FWS Special Designation Areas |
| Eris Sites with Higher Elevation  | Freeways; Highways     | Traffic Circle; Ramp | Country                      | Plume                         |
| Eris Sites with Same Elevation    | Major & Minor Arterial | Traffic Circle; Ramp | National Priority List Sites |                               |
| Eris Sites with Lower Elevation   | Local Road             | Rail                 | National Wetland             |                               |
| Eris Sites with Unknown Elevation |                        |                      | Indian Reserve Land          |                               |
| Eris Areas with Higher Elevation  |                        |                      | Historic Fill                |                               |
| Eris Areas with Same Elevation    |                        |                      | 100 Year Flood Zone          |                               |
| Eris Areas with Lower Elevation   |                        |                      | 500 Year Flood Zone          |                               |
| Eris Areas with Unknown Elevation |                        |                      |                              |                               |



### Map: 0.25 Mile Radius

Order Number: 22031501171

Address: 945-995 Markham, PERRIS, CA



- |                                   |                        |                     |                               |
|-----------------------------------|------------------------|---------------------|-------------------------------|
| Project Property                  | Buffer Outline         | Freeways; Highways  | FWS Special Designation Areas |
| Eris Sites with Higher Elevation  | Traffic Circle; Ramp   | State               | Plume                         |
| Eris Sites with Same Elevation    | Major & Minor Arterial | Country             | National Priority List Sites  |
| Eris Sites with Lower Elevation   | Traffic Circle; Ramp   | National Wetland    | Indian Reserve Land           |
| Eris Sites with Unknown Elevation | Local Road             | Historic Fill       | 100 Year Flood Zone           |
| Eris Areas with Higher Elevation  | Rail                   | 500 Year Flood Zone |                               |
| Eris Areas with Same Elevation    |                        |                     |                               |
| Eris Areas with Lower Elevation   |                        |                     |                               |
| Eris Areas with Unknown Elevation |                        |                     |                               |



117°15'W

117°14'30"W

33°51'30"N

33°51'30"N

33°51'N

33°51'N

33°50'30"N

33°50'30"N



1:10000

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

**Aerial** Year: 2019

Address: 945-995 Markham, PERRIS, CA

Source: ESRI World Imagery

Order Number: 22031501171



© ERIS Information Inc.



117°16'W 117°15'30"W 117°15'W 117°14'30"W 117°14'W 117°13'30"W

33°52'30"N

33°52'30"N

33°52'N

33°52'N

33°51'30"N

33°51'30"N

33°51'N

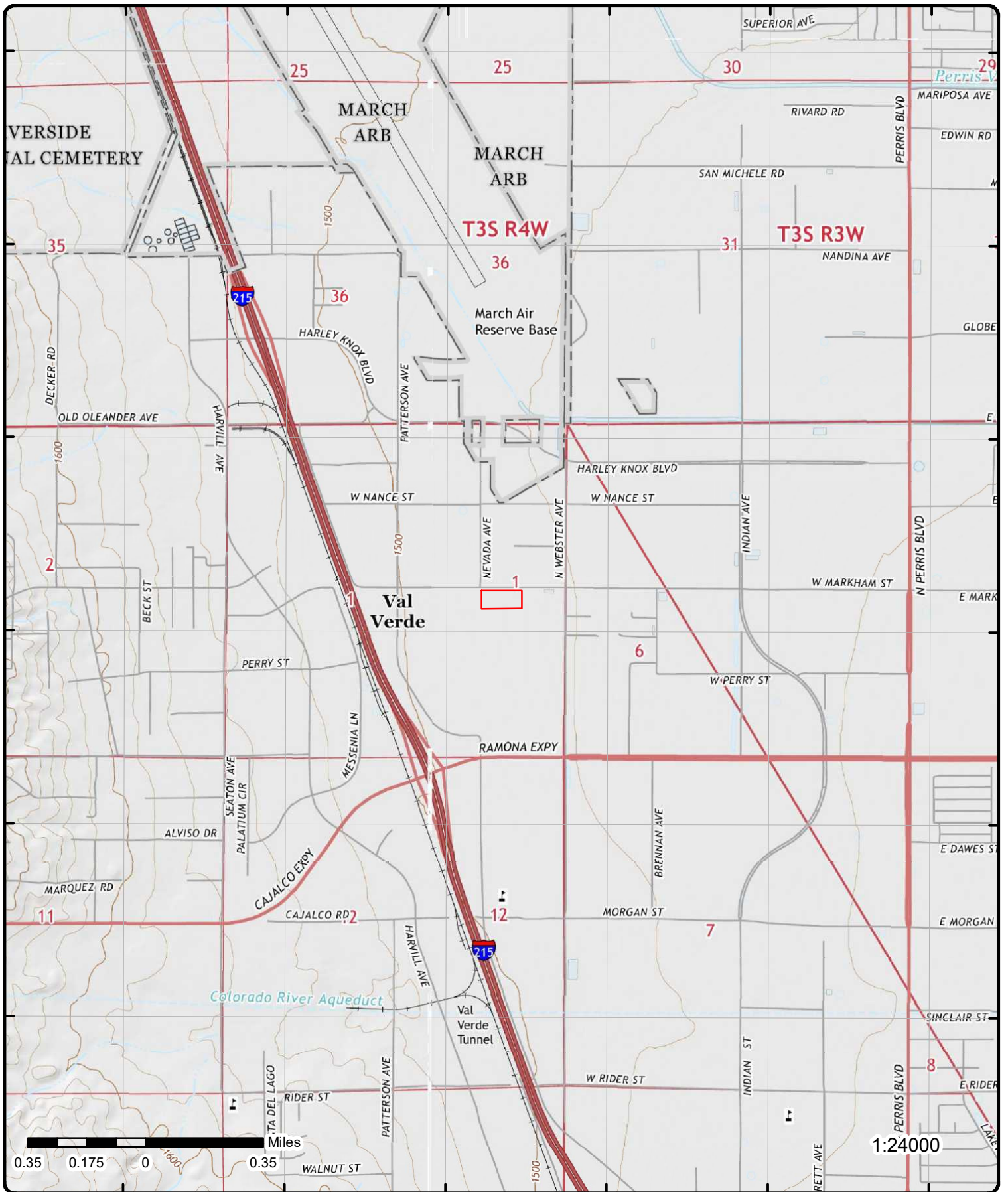
33°51'N

33°50'30"N

33°50'30"N

33°50'N

33°50'N



# Topographic Map Year: 2015

Order Number: 22031501171

Address: 945-995 Markham, CA



Quadrangle(s): Riverside East, CA; Sunnymead, CA; Steele Peak, CA; Perris, CA

© ERIS Information Inc.

Source: USGS Topographic Map

# Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>1</u>	1 of 4	ESE	0.01 / 53.96	1,485.55 / -2	COPART 4332 WEBSTER AVE PERRIS CA 92571	RCRA NON GEN

**EPA Handler ID:** CAL000456208  
**Gen Status Universe:** No Report  
**Contact Name:** SEAN MULACHY  
**Contact Address:** 14185 DALLAS PKWY STE 300 , , DALLAS , TX, 75254 ,  
**Contact Phone No and Ext:** 972-391-5260  
**Contact Email:** RENEW.DEPT@COPART.COM  
**Contact Country:**  
**County Name:** RIVERSIDE  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20200812  
**Location Latitude:**  
**Location Longitude:**

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of Jan 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

**Handler Summary**

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No  
**Underground Injection Activity:** No  
**Commercial TSD:** No  
**Used Oil Transporter:** No  
**Used Oil Transfer Facility:** No  
**Used Oil Processor:** No  
**Used Oil Refiner:** No  
**Used Oil Burner:** No  
**Used Oil Market Burner:** No  
**Used Oil Spec Marketer:** No

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 20200812  
**Handler Name:** COPART  
**Source Type:** Implementer  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b> Current Owner	<b>Street No:</b>
<b>Type:</b> Other	<b>Street 1:</b> 14185 DALLAS PKWY STE 300
<b>Name:</b> COPART EXPRESS INC	<b>Street 2:</b>



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Date Became Current:</b>				<b>City:</b>	DALLAS	
<b>Date Ended Current:</b>				<b>State:</b>	TX	
<b>Phone:</b>	972-391-5114		<b>Country:</b>			
<b>Source Type:</b>	Implementer		<b>Zip Code:</b>	75254		
<b>Owner/Operator Ind:</b>	Current Operator		<b>Street No:</b>			
<b>Type:</b>	Other		<b>Street 1:</b>	14185 DALLAS PKWY STE 300		
<b>Name:</b>	SEAN MULACHY		<b>Street 2:</b>			
<b>Date Became Current:</b>				<b>City:</b>	DALLAS	
<b>Date Ended Current:</b>				<b>State:</b>	TX	
<b>Phone:</b>	972-391-5260		<b>Country:</b>			
<b>Source Type:</b>	Implementer		<b>Zip Code:</b>	75254		

<u>1</u>	2 of 4	ESE	0.01 / 53.96	1,485.55 / -2	Copart (yd 010A) 4332 N Webster Ave Perris CA 92571	HWG RIVERSIDE
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<u>1</u>	3 of 4	ESE	0.01 / 53.96	1,485.55 / -2	Copart (yd 010A) 4332 N Webster Ave Perris CA 92571	HZH RIVERSIDE
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<u>1</u>	4 of 4	ESE	0.01 / 53.96	1,485.55 / -2	Copart (yd 10A) 4332 N WEBSTER AVE PERRIS CA 92571	CERS HAZ
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**Site ID:** 572123  
**Latitude:** 33.850730  
**Longitude:** -117.244150  
**County:**

**Regulated Programs**

<b>EI ID:</b>	10864060	<b>EI Description:</b>	Chemical Storage Facilities
<b>EI ID:</b>	10864060	<b>EI Description:</b>	Hazardous Waste Generator

**Violations**

<b>Violation Date:</b>	04/27/2021	<b>Violation Source:</b>	CERS
<b>Violation Program:</b>	HMRRP	<b>Violation Division:</b>	Riverside County Department of Env Health
<b>Citation:</b>	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)		
<b>Violation Notes:</b>			

Returned to compliance on 06/15/2021.

**Violation Description:**

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

**Violations**

<b>Violation Date:</b>	04/27/2021	<b>Violation Source:</b>	CERS
<b>Violation Program:</b>	HMRRP	<b>Violation Division:</b>	Riverside County Department of Env Health
<b>Citation:</b>	Un-Specified		
<b>Violation Notes:</b>			

Returned to compliance on 06/03/2021. OBSERVATION: Required NFPA-704 signs were not posted. CORRECTIVE ACTION: Owner/operator shall

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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research chemical safety data sheets and post proper NFPA-704 signs. Signs shall be posted at the entrance to the facility. Submit photos to this department.

**Violation Description:**

Business Plan Program - Operations/Maintenance - General Local Ordinance

Violations

**Violation Date:** 04/27/2021  
**Violation Program:** HMRRP  
**Citation:** Un-Specified  
**Violation Notes:**

**Violation Source:** CERS  
**Violation Division:** Riverside County Department of Env Health

Returned to compliance on 06/03/2021. OBSERVATION: Owner/operator is handling hazardous materials above threshold quantities without a valid permit issued by the Riverside County Department of Environmental Health Hazardous Materials Management Branch. CORRECTIVE ACTION: Owner/operator shall obtain a hazardous materials discloserer permit from this department. Permit shall be posted in a conspicuous location upon receipt.

**Violation Description:**

Business Plan Program - Administration/Documentation - General Local Ordinance

Violations

**Violation Date:** 04/27/2021  
**Violation Program:** HW  
**Citation:** Un-Specified  
**Violation Notes:**

**Violation Source:** CERS  
**Violation Division:** Riverside County Department of Env Health

Returned to compliance on 06/03/2021. OBSERVATION: Owner/operator is generating hazardous waste without a valid permit issued by this department. CORRECTIVE ACTION: Owner/operator shall obtain a hazardous waste generator permit from this department.

**Violation Description:**

Hazardous Waste Generator Program - Administration/Documentation - General Local Ordinance

Evaluations

**Eval Date:** 04/27/2021  
**Violations Found:** Yes  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Riverside County Department of Env Health  
**Eval Program:** HW  
**Eval Source:** CERS  
**Eval Notes:**

This facility is an auto auction that generates oily absorbent and oily soil from vehicle releases. The facility has been open since 2019 and has not generated enough waste for a hazardous waste pick up therefore no manifests were available on site. The facility is currently using FM-186 to treat any oily spills on the soil. The facility must containerize any spills on the soil by removing all contaminated soil and placing it in a properly labeled hazardous waste drum.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 04/27/2021  
**Violations Found:** Yes  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Riverside County Department of Env Health  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

This facility is an auto auction that handles Diesel fuel.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Affiliations**

**Affil Type Desc:** Parent Corporation  
**Entity Name:** Copart Inc.  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** Operator  
**Entity Name:** Copart Inc.  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:** (503) 970-1806

**Affil Type Desc:** Facility Mailing Address  
**Entity Name:** Mailing Address  
**Entity Title:**  
**Address:** Attn: Tax Dept. 14185 Dallas Parkway, Ste 300  
**City:** Dallas  
**State:** TX  
**Country:**  
**Zip Code:** 75254  
**Phone:**

**Affil Type Desc:** CUPA District  
**Entity Name:** Riverside Cnty Env Health  
**Entity Title:**  
**Address:** 4065 County Circle Drive, Room 104  
**City:** Riverside  
**State:** CA  
**Country:**  
**Zip Code:** 92503  
**Phone:** (951) 358-5055

**Affil Type Desc:** Identification Signer  
**Entity Name:** Sean Mulcahy  
**Entity Title:** Equipment & Safety Manager  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** Environmental Contact  
**Entity Name:** Sean Mulcahy  
**Entity Title:**  
**Address:** Attn: Environmental Compliance, 14185 Dallas Parkway Ste. 300  
**City:** Dallas  
**State:** TX  
**Country:**  
**Zip Code:** 75254  
**Phone:**

**Affil Type Desc:** Document Preparer  
**Entity Name:** Sean Mulcahy  
**Entity Title:**  
**Address:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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City:  
State:  
Country:  
Zip Code:  
Phone:

**Affil Type Desc:** Legal Owner  
**Entity Name:** Copart Inc.  
**Entity Title:**  
**Address:** Attn: Tax Dept. 14185 Dallas Parkway, Ste 300  
**City:** Dallas  
**State:** TX  
**Country:** United States  
**Zip Code:** 75254  
**Phone:** (503) 970-1806

<u>2</u>	1 of 1	E	0.09 / 464.95	1,481.54 / -6	MAMCO INC DBA ALABBASI 855 W MARKHAM ST PERRIS CA 92571-7004	RCRA NON GEN
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**EPA Handler ID:** CAL000418190  
**Gen Status Universe:** No Report  
**Contact Name:** CARLOS RABELO  
**Contact Address:** 764 RAMONA EXPY STE C , , PERRIS , CA, 92571 ,  
**Contact Phone No and Ext:** 951-776-9300  
**Contact Email:** KIM@ALABBASI.BIZ  
**Contact Country:**  
**County Name:** RIVERSIDE  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20160616  
**Location Latitude:** 33.851843  
**Location Longitude:** -117.244814

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of Jan 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

**Handler Summary**

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No  
**Underground Injection Activity:** No  
**Commercial TSD:** No  
**Used Oil Transporter:** No  
**Used Oil Transfer Facility:** No  
**Used Oil Processor:** No  
**Used Oil Refiner:** No  
**Used Oil Burner:** No  
**Used Oil Market Burner:** No  
**Used Oil Spec Marketer:** No

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 20160616  
**Handler Name:** MAMCO INC DBA ALABBASI  
**Source Type:** Implementer  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	764 RAMONA EXPY STE C
<b>Name:</b>	MAMCO INC.	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	PERRIS
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	951-776-9300	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	92571-9716

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	764 RAMONA EXPY STE C
<b>Name:</b>	CARLOS RABELO	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	PERRIS
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	951-776-9300	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	92571

<u>3</u>	1 of 5	<b>WNW</b>	<b>0.11 / 569.21</b>	<b>1,492.49 / 5</b>	<b>GAMA BRO'S, INC. 4413 PATTERSON AVE. PERRIS CA 92571</b>	<b>RCRA NON GEN</b>
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**EPA Handler ID:** CAC002969720  
**Gen Status Universe:** No Report  
**Contact Name:** MIGUEL GAMA  
**Contact Address:** 4225 E. CALIMYRNA AVE , , CAMPO , CA, 95220 ,  
**Contact Phone No and Ext:** 209-993-0182  
**Contact Email:** 01MGAMA@GMAIL.COM  
**Contact Country:**  
**County Name:** RIVERSIDE  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20180706  
**Location Latitude:** 33.852124  
**Location Longitude:** -117.252492

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of Jan 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

**Handler Summary**

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No  
**Underground Injection Activity:** No  
**Commercial TSD:** No  
**Used Oil Transporter:** No  
**Used Oil Transfer Facility:** No  
**Used Oil Processor:** No  
**Used Oil Refiner:** No  
**Used Oil Burner:** No  
**Used Oil Market Burner:** No  
**Used Oil Spec Marketer:** No

**Hazardous Waste Handler Details**

**Sequence No:** 1



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Receive Date:** 20180706  
**Handler Name:** GAMA BRO'S, INC.  
**Source Type:** Implementer  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Operator	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	4225 E. CALIMYRNA AVE
<b>Name:</b>	MIGUEL GAMA	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	CAMPO
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	209-993-0182	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	95220

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	
<b>Type:</b>	Other	<b>Street 1:</b>	12265 COLONY AVE
<b>Name:</b>	PANELIZED STRUCTURES, INC.	<b>Street 2:</b>	
<b>Date Became Current:</b>		<b>City:</b>	CHINO
<b>Date Ended Current:</b>		<b>State:</b>	CA
<b>Phone:</b>	951-241-6019	<b>Country:</b>	
<b>Source Type:</b>	Implementer	<b>Zip Code:</b>	91710

<a href="#">3</a>	2 of 5	WNW	0.11 / 569.21	1,492.49 / 5	GXO Logistics 4413 Patterson Ave Perris CA 92571	HZH RIVERSIDE
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<a href="#">3</a>	3 of 5	WNW	0.11 / 569.21	1,492.49 / 5	GXO Logistics Supply Chain 4413 PATTERSON AVE PERRIS CA 92571	CERS HAZ
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**Site ID:** 573345  
**Latitude:** 33.850420  
**Longitude:** -117.252550  
**County:**

**Regulated Programs**

<b>EI ID:</b>	10841398	<b>EI Description:</b>	Chemical Storage Facilities
<b>EI ID:</b>	883113	<b>EI Description:</b>	Industrial Facility Storm Water

**Violations**

<b>Violation Date:</b>	06/17/2021	<b>Violation Source:</b>	CERS
<b>Violation Program:</b>	HMRRP	<b>Violation Division:</b>	Riverside County Department of Env Health
<b>Citation:</b>	Un-Specified		
<b>Violation Notes:</b>			

Returned to compliance on 07/22/2021. OBSERVATION: Owner/ operator failed to maintain Safety Data Sheets for each hazardous material stored on site. CORRECTIVE ACTION: Owner/operator shall have Safety Data Sheets as defined in Title 8 CCR, readily accessible or maintained on site for each hazardous material stored/handled at the facility.

**Violation Description:**

Business Plan Program - Administration/Documentation - General Local Ordinance

**Violations**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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<b>Violation Date:</b>	06/17/2021				<b>Violation Source:</b>	CERS
<b>Violation Program:</b>	HMRRP				<b>Violation Division:</b>	Riverside County Department of Env Health
<b>Citation:</b>	HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)					
<b>Violation Notes:</b>						

Returned to compliance on 07/22/2021. OBSERVATION: Facility personnel were unable to access/locate a current copy of the business plan during the inspection. CORRECTIVE ACTION: Owner/operator shall ensure a current copy of the hazardous materials business plan is readily available on site at all times when the facility is staffed.

**Violation Description:**

Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.

**Violations**

<b>Violation Date:</b>	06/17/2021				<b>Violation Source:</b>	CERS
<b>Violation Program:</b>	HW				<b>Violation Division:</b>	Riverside County Department of Env Health
<b>Citation:</b>	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12					
<b>Violation Notes:</b>						

Returned to compliance on 07/14/2021.

**Violation Description:**

Failure to obtain an Identification Number prior to treating, storing, disposing of, transporting or offering for transportation any hazardous waste.

**Violations**

<b>Violation Date:</b>	06/17/2021				<b>Violation Source:</b>	CERS
<b>Violation Program:</b>	HMRRP				<b>Violation Division:</b>	Riverside County Department of Env Health
<b>Citation:</b>	Un-Specified					
<b>Violation Notes:</b>						

Returned to compliance on 07/22/2021. OBSERVATION: Required NFPA-704 signs were not posted on the main building. No NFPA-704 sign was observed on the diesel back up generator area. Observed a complete NFPA-704 sign posted at one of the fire pump buildings. Observed an incomplete NFPA-704 sign posted at the eastern fire pump building. CORRECTIVE ACTION: Owner/operator shall research chemical safety data sheets and post proper NFPA-704 signs. Signs shall be posted on the eastern fire pump building, the main building and the diesel generator.

**Violation Description:**

Business Plan Program - Operations/Maintenance - General Local Ordinance

**Violations**

<b>Violation Date:</b>	06/17/2021				<b>Violation Source:</b>	CERS
<b>Violation Program:</b>	HMRRP				<b>Violation Division:</b>	Riverside County Department of Env Health
<b>Citation:</b>	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)					
<b>Violation Notes:</b>						

Returned to compliance on 07/22/2021. OBSERVATION: Site map submitted in CERS was missing north orientation, nearest cross street, emergency shut-offs (gas, water, and electric), location of the battery charging station, evacuation staging area, fire extinguishers, and storm/sewer drains. CORRECTIVE ACTION: Owner/operator shall complete an annotated site map which includes all elements outlined in CA Health and Safety Code: north orientation, loading areas, internal roads, adjacent streets, storm and sewer drain, access and exit points, emergency shut offs, evacuation staging areas, hazardous material handling and storage areas, and emergency response equipment. Submit site map into the statewide information management system (e.g. CERS) at <http://cers.calepa.ca.gov>.

**Violation Description:**

Failure to complete and electronically submit a site map with all required content.

**Violations**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
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**Violation Date:** 06/17/2021  
**Violation Program:** HW  
**Citation:** Un-Specified  
**Violation Notes:**

**Violation Source:** CERS  
**Violation Division:** Riverside County Department of Env Health

Returned to compliance on 07/14/2021.

**Violation Description:**

Hazardous Waste Generator Program - Administration/Documentation - General Local Ordinance

Violations

**Violation Date:** 06/17/2021  
**Violation Program:** HMRRP  
**Citation:** HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)  
**Violation Notes:**

**Violation Source:** CERS  
**Violation Division:** Riverside County Department of Env Health

Returned to compliance on 07/22/2021. OBSERVATION: No hazardous materials training records were observed/provided during inspection. CORRECTIVE ACTION: Owner/operator shall provide training to all employees. Documentation shall be retained and be made available for inspection for a minimum period of 3 years from the date of the training.

**Violation Description:**

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violations

**Violation Date:** 06/17/2021  
**Violation Program:** HMRRP  
**Citation:** HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)  
**Violation Notes:**

**Violation Source:** CERS  
**Violation Division:** Riverside County Department of Env Health

Returned to compliance on 07/22/2021. OBSERVATION: The chemical inventory description page submitted for all chemicals contained incorrect information. Ensure Average Daily Amount, Storage Temperature, Storage Pressure, Largest Container Size, and Days on Site are completed accurately. Observed two 300 gallon diesel fuel tanks in the fire pump buildings, one in each building. Observed a 438g back up diesel generator. CORRECTIVE ACTION: Owner/operator shall update the chemical inventory page for diesel and lead acid batteries and submit to the statewide information management system (e.g. CERS) at <http://cers.calepa.ca.gov>. Please refer to a current Safety Data Sheet (SDS) for guidance.

**Violation Description:**

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Evaluations

**Eval Date:** 06/17/2021  
**Violations Found:** Yes  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** Riverside County Department of Env Health  
**Eval Program:** HMRRP  
**Eval Source:** CERS  
**Eval Notes:**

This facility is a distribution center that handles lead acid batteries and diesel fuel.; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 06/17/2021  
**Violations Found:** Yes  
**Eval General Type:** Compliance Evaluation Inspection

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Eval Type:</b>					Routine done by local agency	
<b>Eval Division:</b>					Riverside County Department of Env Health	
<b>Eval Program:</b>					HW	
<b>Eval Source:</b>					CERS	
<b>Eval Notes:</b>						
<b><u>Affiliations</u></b>						
<b>Affil Type Desc:</b>					Document Preparer	
<b>Entity Name:</b>					Angie Ramos	
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>					Operator	
<b>Entity Name:</b>					Angie Ramos	
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>					(909) 202-9585	
<b>Affil Type Desc:</b>					CUPA District	
<b>Entity Name:</b>					Riverside Cnty Env Health	
<b>Entity Title:</b>						
<b>Address:</b>					4065 County Circle Drive, Room 104	
<b>City:</b>					Riverside	
<b>State:</b>					CA	
<b>Country:</b>						
<b>Zip Code:</b>					92503	
<b>Phone:</b>					(951) 358-5055	
<b>Affil Type Desc:</b>					Legal Owner	
<b>Entity Name:</b>					Western Realco	
<b>Entity Title:</b>						
<b>Address:</b>					500 Newport Center Dr	
<b>City:</b>					Newport Beach	
<b>State:</b>					CA	
<b>Country:</b>					United States	
<b>Zip Code:</b>					92660	
<b>Phone:</b>					(949) 720-3788	
<b>Affil Type Desc:</b>					Parent Corporation	
<b>Entity Name:</b>					XPO Logistics Supply Chain	
<b>Entity Title:</b>						
<b>Address:</b>						
<b>City:</b>						
<b>State:</b>						
<b>Country:</b>						
<b>Zip Code:</b>						
<b>Phone:</b>						
<b>Affil Type Desc:</b>					Environmental Contact	
<b>Entity Name:</b>					Regina DiLavore	
<b>Entity Title:</b>						
<b>Address:</b>					4043 Piedmont Parkway	
<b>City:</b>					Hight Point	
<b>State:</b>					NC	
<b>Country:</b>						
<b>Zip Code:</b>					27265	
<b>Phone:</b>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Affil Type Desc:** Facility Mailing Address  
**Entity Name:** Mailing Address  
**Entity Title:**  
**Address:** 4413 Patterson ave  
**City:** Perris  
**State:** CA  
**Country:**  
**Zip Code:** 92571  
**Phone:**

**Affil Type Desc:** Identification Signer  
**Entity Name:** Angie Ramos  
**Entity Title:** Site Manager  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** Owner/Operator  
**Entity Name:** GXO Logistics Supply Chain Inc  
**Entity Title:** Operator  
**Address:** 4413 Patterson Ave  
**City:** Perris  
**State:** CA  
**Country:**  
**Zip Code:** 92571  
**Phone:**

**Coordinates**

<b>Env Int Type Code:</b>	HMBP	<b>Longitude:</b>	-117.252500
<b>Program ID:</b>	10841398	<b>Coord Name:</b>	
<b>Latitude:</b>	33.852180	<b>Ref Point Type Desc:</b>	Center of a facility or station.

<a href="#">3</a>	4 of 5	WNW	0.11 / 569.21	1,492.49 / 5	GXO LOGISTICS 4413 PATTERSON AVE PERRIS CA 92571	RCRA SQG
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**EPA Handler ID:** CAR000327577  
**Gen Status Universe:** Small Quantity Generator  
**Contact Name:** THANH (HANNAH) NGUYEN  
**Contact Address:** 4413 , PATTERSON AVE , , PERRIS , CA, 92571 , US  
**Contact Phone No and Ext:** 951-442-2318  
**Contact Email:** HANNAH.NGUYEN@GXO.COM  
**Contact Country:** US  
**County Name:** RIVERSIDE  
**EPA Region:** 09  
**Land Type:** Private  
**Receive Date:** 20211103  
**Location Latitude:**  
**Location Longitude:**

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of Jan 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

**Handler Summary**

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Transfer Facility:</b>		No				
<b>Onsite Burner Exemption:</b>		No				
<b>Furnace Exemption:</b>		No				
<b>Underground Injection Activity:</b>		No				
<b>Commercial TSD:</b>		No				
<b>Used Oil Transporter:</b>		No				
<b>Used Oil Transfer Facility:</b>		No				
<b>Used Oil Processor:</b>		No				
<b>Used Oil Refiner:</b>		No				
<b>Used Oil Burner:</b>		No				
<b>Used Oil Market Burner:</b>		No				
<b>Used Oil Spec Marketer:</b>		No				

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 20210813  
**Handler Name:** XPO LOGISTICS  
**Federal Waste Generator Code:** 2  
**Generator Code Description:** Small Quantity Generator  
**Source Type:** Notification

**Waste Code Details**

**Hazardous Waste Code:** 331  
**Waste Code Description:** Off-specification, aged, or surplus organics

**Hazardous Waste Code:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Hazardous Waste Code:** D002  
**Waste Code Description:** CORROSIVE WASTE

**Hazardous Waste Handler Details**

**Sequence No:** 2  
**Receive Date:** 20211103  
**Handler Name:** GXO LOGISTICS  
**Federal Waste Generator Code:** 2  
**Generator Code Description:** Small Quantity Generator  
**Source Type:** Notification

**Waste Code Details**

**Hazardous Waste Code:** 141  
**Waste Code Description:** Off-specification, aged, or surplus inorganics

**Hazardous Waste Code:** 331  
**Waste Code Description:** Off-specification, aged, or surplus organics

**Hazardous Waste Code:** D001  
**Waste Code Description:** IGNITABLE WASTE

**Hazardous Waste Code:** D002  
**Waste Code Description:** CORROSIVE WASTE

**Owner/Operator Details**

<b>Owner/Operator Ind:</b>	Current Owner	<b>Street No:</b>	500
<b>Type:</b>	Private	<b>Street 1:</b>	NEWPORT CENTER DR., #630
<b>Name:</b>	WESTERN REALCO	<b>Street 2:</b>	
<b>Date Became Current:</b>	20170509	<b>City:</b>	NEWPORT BEACH
<b>Date Ended Current:</b>		<b>State:</b>	CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Phone:</b>	949-478-8901				<b>Country:</b> US	
<b>Source Type:</b>	Notification				<b>Zip Code:</b> 92660	
<b>Owner/Operator Ind:</b>	Current Operator				<b>Street No:</b> 4413	
<b>Type:</b>	Private				<b>Street 1:</b> PATTERSON AVE	
<b>Name:</b>	XPO LOGISTICS				<b>Street 2:</b>	
<b>Date Became Current:</b>	20200904				<b>City:</b> PERRIS	
<b>Date Ended Current:</b>					<b>State:</b> CA	
<b>Phone:</b>	336-314-1950				<b>Country:</b> US	
<b>Source Type:</b>	Notification				<b>Zip Code:</b> 92571	
<b>Owner/Operator Ind:</b>	Current Operator				<b>Street No:</b> 4413	
<b>Type:</b>	Private				<b>Street 1:</b> PATTERSON AVE	
<b>Name:</b>	GXO LOGISTICS				<b>Street 2:</b>	
<b>Date Became Current:</b>	20200904				<b>City:</b> PERRIS	
<b>Date Ended Current:</b>					<b>State:</b> CA	
<b>Phone:</b>	951-442-2318				<b>Country:</b> US	
<b>Source Type:</b>	Notification				<b>Zip Code:</b> 92571	

**Historical Handler Details**

**Receive Dt:** 20210813  
**Generator Code Description:** Small Quantity Generator  
**Handler Name:** XPO LOGISTICS

<a href="#">3</a>	5 of 5	WNW	0.11 / 569.21	1,492.49 / 5	GXO Logistics 4413 Patterson Ave Perris CA 92571	HWG RIVERSIDE
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<a href="#">4</a>	1 of 1	NNE	0.23 / 1,220.59	1,480.54 / -7	AUTO AID 845 W NANCE ST PERRIS CA 92571	RCRA NON GEN
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**EPA Handler ID:** CAL000423338  
**Gen Status Universe:** No Report  
**Contact Name:** MEHRAN SHILYAN  
**Contact Address:** 6260 RUTLAND AVE # 19 , , RIVERSIDE , CA, 92503 ,  
**Contact Phone No and Ext:** 951-735-2180  
**Contact Email:** H2H2H2@SBCGLOBAL.NET  
**Contact Country:**  
**County Name:** RIVERSIDE  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20161227  
**Location Latitude:** 33.855456  
**Location Longitude:** -117.245075

**Violation/Evaluation Summary**

**Note:** NO RECORDS: As of Jan 2022, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

**Handler Summary**

**Importer Activity:** No  
**Mixed Waste Generator:** No  
**Transporter Activity:** No  
**Transfer Facility:** No  
**Onsite Burner Exemption:** No  
**Furnace Exemption:** No  
**Underground Injection Activity:** No  
**Commercial TSD:** No

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Used Oil Transporter:</b>		No				
<b>Used Oil Transfer Facility:</b>		No				
<b>Used Oil Processor:</b>		No				
<b>Used Oil Refiner:</b>		No				
<b>Used Oil Burner:</b>		No				
<b>Used Oil Market Burner:</b>		No				
<b>Used Oil Spec Marketer:</b>		No				

**Hazardous Waste Handler Details**

**Sequence No:** 1  
**Receive Date:** 20161227  
**Handler Name:** AUTO AID  
**Source Type:** Implementer  
**Federal Waste Generator Code:** N  
**Generator Code Description:** Not a Generator, Verified

**Owner/Operator Details**

**Owner/Operator Ind:** Current Owner  
**Type:** Other  
**Name:** LIMOR ENTERPRISES INC  
**Date Became Current:**  
**Date Ended Current:**  
**Phone:** 951-735-2180  
**Source Type:** Implementer

**Street No:**  
**Street 1:** 6260 RUTLAND AVE # 19  
**Street 2:**  
**City:** RIVERSIDE  
**State:** CA  
**Country:**  
**Zip Code:** 92503-1706

**Owner/Operator Ind:** Current Operator  
**Type:** Other  
**Name:** MEHRAN SHILYAN  
**Date Became Current:**  
**Date Ended Current:**  
**Phone:** 951-735-2180  
**Source Type:** Implementer

**Street No:**  
**Street 1:** 6260 RUTLAND AVE # 19  
**Street 2:**  
**City:** RIVERSIDE  
**State:** CA  
**Country:**  
**Zip Code:** 92503

# Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
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No unplottable records were found that may be relevant for the search criteria.

# Unplottable Report

No unplottable records were found that may be relevant for the search criteria.



# Appendix: Database Descriptions

*Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:*

*"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."*

## **Standard Environmental Record Sources**

### **Federal**

#### **Formerly Utilized Sites Remedial Action Program:**

[DOE FUSRAP](#)

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

**Government Publication Date: Mar 4, 2017**

#### **National Priority List:**

[NPL](#)

National Priorities List (Superfund)-NPL: EPA's (United States Environmental Protection Agency) list of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action.

**Government Publication Date: Dec 30, 2021**

#### **National Priority List - Proposed:**

[PROPOSED NPL](#)

Includes sites proposed (by the EPA, the state, or concerned citizens) for addition to the NPL due to contamination by hazardous waste and identified by the Environmental Protection Agency (EPA) as a candidate for cleanup because it poses a risk to human health and/or the environment.

**Government Publication Date: Dec 30, 2021**

#### **Deleted NPL:**

[DELETED NPL](#)

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.

**Government Publication Date: Dec 30, 2021**

#### **SEMS List 8R Active Site Inventory:**

[SEMS](#)

The Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted.

**Government Publication Date: Dec 30, 2021**

#### **SEMS List 8R Archive Sites:**

[SEMS ARCHIVE](#)

The Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time.

**Government Publication Date: Dec 30, 2021**

**Inventory of Open Dumps, June 1985:**

ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

**Government Publication Date: Jun 1985**

**Comprehensive Environmental Response, Compensation and Liability Information System -**

CERCLIS

**CERCLIS:**

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

**Government Publication Date: Oct 25, 2013**

**EPA Report on the Status of Open Dumps on Indian Lands:**

IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

**Government Publication Date: Dec 31, 1998**

**CERCLIS - No Further Remedial Action Planned:**

CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means 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 this site on the National Priorities List (NPL). This 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 a potential NPL site.

**Government Publication Date: Oct 25, 2013**

**CERCLIS Liens:**

CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Jan 30, 2014**

**RCRA CORRACTS-Corrective Action:**

RCRA CORRACTS

RCRA Info 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. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

**Government Publication Date: Jan 31, 2022**

**RCRA non-CORRACTS TSD Facilities:**

RCRA TSD

RCRA Info 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. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

**Government Publication Date: Jan 31, 2022**

**RCRA Generator List:**

RCRA LQG

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

**Government Publication Date: Jan 31, 2022**

**RCRA Small Quantity Generators List:**

[RCRA SQG](#)

RCRA Info is the 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

**Government Publication Date: Jan 31, 2022**

**RCRA Very Small Quantity Generators List:**

[RCRA VSQG](#)

RCRA Info is the 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. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

**Government Publication Date: Jan 31, 2022**

**RCRA Non-Generators:**

[RCRA NON GEN](#)

RCRA Info 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. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

**Government Publication Date: Jan 31, 2022**

**RCRA Sites with Controls:**

[RCRA CONTROLS](#)

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

**Government Publication Date: Jan 31, 2022**

**Federal Engineering Controls-ECs:**

[FED ENG](#)

Engineering controls (ECs) encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Dec 30, 2021**

**Federal Institutional Controls- ICs:**

[FED INST](#)

Institutional controls are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's (United States Environmental Protection Agency) expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site.

**Government Publication Date: Dec 30, 2021**

**Land Use Control Information System:**

[LUCIS](#)

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

**Government Publication Date: Sep 1, 2006**

**Emergency Response Notification System:**

[ERNS 1982 TO 1986](#)

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

**Government Publication Date: 1982-1986**

**Emergency Response Notification System:**

ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

**Government Publication Date: 1987-1989**

**Emergency Response Notification System:**

ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

**Government Publication Date: Jul 26, 2021**

**The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database:**

FED BROWNFIELDS

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 protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Aug 20, 2021**

**FEMA Underground Storage Tank Listing:**

FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

**Government Publication Date: Dec 31, 2017**

**Facility Response Plan:**

FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

**Government Publication Date: Dec 2, 2020**

**Historical Gas Stations:**

HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

**Government Publication Date: Jul 1, 1930**

**Petroleum Refineries:**

REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

**Government Publication Date: Jul 10, 2020**

**Petroleum Product and Crude Oil Rail Terminals:**

BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

**Government Publication Date: Apr 28, 2020**

**LIEN on Property:**

SEMS LIEN

The EPA Superfund Enterprise Management System (SEMS) provides LIEN information on properties under the EPA Superfund Program.

**Government Publication Date: Dec 30, 2021**

**Superfund Decision Documents:**

[SUPERFUND ROD](#)

This database contains a listing of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD), along with other associated memos and files. This information is maintained and made available by the US EPA (Environmental Protection Agency).

**Government Publication Date: Nov 16, 2021**

**State**

**State Response Sites:**

[RESPONSE](#)

A list of identified confirmed release sites where the Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. This database is state equivalent NPL.

**Government Publication Date: Jan 6, 2022**

**EnviroStor Database:**

[ENVIROSTOR](#)

The EnviroStor Data Management System is made available by the Department of Toxic Substances Control (DTSC). Includes Corrective Action sites, Tiered Permit sites, Historical Sites and Evaluation/Investigation sites. This database is state equivalent CERCLIS.

**Government Publication Date: Jan 6, 2022**

**Delisted State Response Sites:**

[DELISTED ENVS](#)

Sites removed from the list of State Response Sites made available by the EnviroStor Data Management System, Department of Toxic Substances Control (DTSC).

**Government Publication Date: Jan 6, 2022**

**Solid Waste Information System (SWIS):**

[SWF/LF](#)

The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

**Government Publication Date: Feb 2, 2022**

**Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels:**

[SWRCB SWF](#)

This is a list of solid waste disposal sites identified by California State Water Resources Control Board with waste constituents above hazardous waste levels outside the waste management unit.

**Government Publication Date: Sep 20, 2006**

**Waste Management Unit Database:**

[WMUD](#)

The Waste Management Unit Database System tracks and inventories waste management units. CCR Title 27 contains criteria stating that Waste Management Units are classified according to their ability to contain wastes. Containment shall be determined by geology, hydrology, topography, climatology, and other factors relating to the ability of the Unit to protect water quality. Water Code Section 13273.1 requires that operators submit a water quality solid waste assessment test (SWAT) report to address leak status. The WMUDS was last updated by the State Water Resources control board in 2000.

**Government Publication Date: Jan 1, 2000**

**EnviroStor Hazardous Waste Facilities:**

[HWP](#)

A list of hazardous waste facilities including permitted, post-closure and historical facilities found in the Department of Toxic Substances Control (DTSC) EnviroStor database.

**Government Publication Date: Jan 6, 2022**

**Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report:**

[SWAT](#)

In a 1993 Memorandum of Understanding, the State Water Resources Control Board (SWRCB) agreed to submit a comprehensive report on the Solid Waste Assessment Test (SWAT) Program to the California Integrated Waste Management Board (CIWMB). This report summarizes the work completed to date on the SWAT Program, and addresses both the impacts that leakage from solid waste disposal sites (SWDS) may have upon waters of the State and the actions taken to address such leakage.

**Government Publication Date: Dec 31, 1995**

**Construction and Demolition Debris Recyclers:**

[C&D DEBRIS RECY](#)



This listing of Construction and Demolition Debris Recyclers is maintained by the California Intergrated Waste Management Board-common C&D materials include lumber, drywall, metals, masonry (brick, concrete, etc.), carpet, plastic, pipe, rocks, dirt, paper, cardboard, or green waste related to land development.

**Government Publication Date: Jun 20, 2018**

**Recycling Centers:**

**RECYCLING**

This list of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

**Government Publication Date: Dec 17, 2021**

**Listing of Certified Processors:**

**PROCESSORS**

This list of Certified Processors that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

**Government Publication Date: Dec 20, 2021**

**Listing of Certified Dropoff, Collection, and Community Service Programs:**

**CONTAINER RECY**

This list of Certified Dropoff, Collection, and Community Service Programs (non-buyback) operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

**Government Publication Date: Dec 17, 2021**

**Land Disposal Sites:**

**LDS**

Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.

**Government Publication Date: Feb 15, 2022**

**Leaking Underground Fuel Tank Reports:**

**LUST**

List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.

**Government Publication Date: Feb 15, 2022**

**Delisted Leaking Storage Tanks:**

**DELISTED LST**

List of Leaking Underground Storage Tanks (LUST) cleanup sites removed from GeoTracker, the State Water Resources Control Board (SWRCB)'s database system, as well as sites removed from the SWRCB's list of UST Case closures.

**Government Publication Date: Feb 15, 2022**

**Permitted Underground Storage Tank (UST) in GeoTracker:**

**UST**

List of Permitted Underground Storage Tank (UST) sites made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA).

**Government Publication Date: Jan 3, 2022**

**Proposed Closure of Underground Storage Tank Cases:**

**UST CLOSURE**

List of UST cases that are being considered for closure by either the California Environmental Protection Agency, State Water Resources Control Board or the Executive Director that have been posted for a 60-day public comment period.

**Government Publication Date: May 5, 2021**

**Historical Hazardous Substance Storage Information Database:**

**HHSS**

The Historical Hazardous Substance Storage database contains information collected in the 1980s from facilities that stored hazardous substances. The information was originally collected on paper forms, was later transferred to microfiche, and recently indexed as a searchable database. When using this database, please be aware that it is based upon self-reported information submitted by facilities which has not been independently verified. It is unlikely that every facility responded to the survey and the database should not be expected to be a complete inventory of all facilities that were operating at that time. This database is maintained by the California State Water Resources Control Board's (SWRCB) Geotracker.

**Government Publication Date: Aug 27, 2015**

**Statewide Environmental Evaluation and Planning System:**

**UST SWEEPS**

The Statewide Environmental Evaluation and Planning System (SWEEPS) is a historical listing of active and inactive underground storage tanks made available by the California State Water Resources Control Board (SWRCB).

**Government Publication Date: Oct 1, 1994**

**Aboveground Storage Tanks:**

[AST](#)

A statewide list from 2009 of aboveground storage tanks (ASTs) made available by the Cal FIRE Office of the State Fire Marshal (OSFM). This list is no longer maintained or updated by the Cal FIRE OSFM.

**Government Publication Date: Aug 31, 2009**

**SWRCB Historical Aboveground Storage Tanks:**

[AST SWRCB](#)

A list of aboveground storage tanks made available by the California State Water Resources Control Board (SWRCB). Effective January 1, 2008, the Certified Unified Program Agencies (CUPAs) are vested with the responsibility and authority to implement the Aboveground Petroleum Storage Act (APSA).

**Government Publication Date: Dec 1, 2007**

**Oil and Gas Facility Tanks:**

[TANK OIL GAS](#)

Locations of oil and gas tanks that fall under the jurisdiction of the Geologic Energy Management Division of the California Department of Conservation (CalGEM) (CCR 1760). CalGEM was formerly the Division of Oil, Gas, and Geothermal Resources (DOGGR).

**Government Publication Date: Dec 9, 2021**

**Delisted Storage Tanks:**

[DELISTED TNK](#)

This database contains a list of storage tank sites that were removed by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA) and the Cal FIRE Office of State Fire Marshal (OSFM).

**Government Publication Date: Jan 25, 2022**

**California Environmental Reporting System (CERS) Tanks:**

[CERS TANK](#)

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. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

**Government Publication Date: Dec 8, 2021**

**Delisted California Environmental Reporting System (CERS) Tanks:**

[DELISTED CTNK](#)

This database contains a list of Aboveground Petroleum Storage and Underground Storage Tank sites that were removed from in the California Environmental Protection Agency (CalEPA) Regulated Site Portal.

**Government Publication Date: Dec 8, 2021**

**Historical Hazardous Substance Storage Container Information - Facility Summary:**

[HIST TANK](#)

The State Water Resources Control Board maintained the Hazardous Substance Storage Containers listing and inventory in the 1980s. This facility summary lists historic tank sites where the following container types were present: farm motor vehicle fuel tanks; waste tanks; sumps; pits, ponds, lagoons, and others; and all other product tanks. This set, published in May 1988, lists facility and owner information, as well as the number of containers. This data is historic and will not be updated.

**Government Publication Date: May 27, 1988**

**Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions:**

[LUR](#)

The Department of Toxic Substances Control (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 land use restrictions that are active. Some sites have multiple land use restrictions.

**Government Publication Date: Jan 6, 2022**

**CALSITES Database:**

[CALSITES](#)

This historical database was maintained by the Department of Toxic Substance Control (DTSC) for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

**Government Publication Date: May 1, 2004**

**Hazardous Waste Management Program Facility Sites with Deed / Land Use Restrictions:**

[HLUR](#)

The Department of Toxic Substances Control (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.

**Government Publication Date: Feb 18, 2021**

**Deed Restrictions and Land Use Restrictions:**

DEED

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

**Government Publication Date: Feb 15, 2022**

**Voluntary Cleanup Program:**

VCP

List of sites in the Voluntary Cleanup Program made available by the Department of Toxic Substances and Control (DTSC). The Voluntary Cleanup Program was designed to respond to lower priority sites. Under the Voluntary Cleanup Program, DTSC enters site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities, and the project proponents agree to pay DTSC's reasonable costs for those services.

**Government Publication Date: Jan 6, 2022**

**GeoTracker Cleanup Program Sites:**

CLEANUP SITES

A list of Cleanup Program sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

**Government Publication Date: Feb 15, 2022**

**Delisted County Records:**

DELISTED COUNTY

Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.

**Government Publication Date: Feb 8, 2022**

**Tribal**

**Leaking Underground Storage Tanks (LUSTs) on Indian Lands:**

INDIAN LUST

LUSTs on Tribal/Indian Lands in Region 9, which includes California.

**Government Publication Date: Oct 12, 2021**

**Underground Storage Tanks (USTs) on Indian Lands:**

INDIAN UST

USTs on Tribal/Indian Lands in Region 9, which includes California.

**Government Publication Date: Oct 12, 2021**

**Delisted Tribal Leaking Storage Tanks:**

DELISTED ILST

Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.

**Government Publication Date: Oct 13, 2021**

**Delisted Tribal Underground Storage Tanks:**

DELISTED IUST

Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.

**Government Publication Date: Oct 13, 2021**

**County**

**Riverside County - Local Oversight Program List:**

LOP RIVERSIDE

A list of Leaking Underground Storage Tank (LUST) facilities in Riverside County. This list is made available by Riverside County Department of Environmental Health. Environmental Cleanup Program provides oversight of assessments and cleanups at properties that have been, or may have been, contaminated with hazardous substances from LUSTs or releases associated with other commercial/industrial use.

**Government Publication Date: Jan 18, 2022**

**Riverside County - Underground Storage Tanks List:**

UST RIVERSIDE

A list of registered Underground Storage Tank (UST) sites in Riverside County. This list is made available by Riverside County Department of Environmental Health. The Hazardous Materials Management Branch (HMMB) regulates and oversees the inspections of constructions, repairs, upgrades, system operation and removal of UST systems.

**Government Publication Date: Jan 18, 2022**

**Additional Environmental Record Sources**

**Federal**

**Facility Registry Service/Facility Index:**

FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

**Government Publication Date: Nov 2, 2020**

**Toxics Release Inventory (TRI) Program:**

TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

**Government Publication Date: Aug 24, 2021**

**Perfluorinated Alkyl Substances (PFAS) Releases:**

PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

**Government Publication Date: Aug 24, 2021**

**PFOA/PFOS Contaminated Sites:**

PFAS NPL

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

**Government Publication Date: Jan 11, 2022**

**Perfluorinated Alkyl Substances (PFAS) Water Quality:**

PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

**Government Publication Date: Jul 20, 2020**

**SSEHRI PFAS Contamination Sites:**

PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations <https://pfasproject.com/pfas-contamination-site-tracker/>

**Government Publication Date: Dec 12, 2019**

**Hazardous Materials Information Reporting System:**

HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

**Government Publication Date: Sep 1, 2020**

**National Clandestine Drug Labs:**

[NCDL](#)

The U.S. Department of Justice ("the Department") provides this data 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.

**Government Publication Date: Nov 22, 2021**

**Toxic Substances Control Act:**

[TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

**Government Publication Date: Apr 11, 2019**

**Hist TSCA:**

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

**Government Publication Date: Dec 31, 2006**

**FTTS Administrative Case Listing:**

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

**Government Publication Date: Jan 19, 2007**

**FTTS Inspection Case Listing:**

[FTTS INSP](#)

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

**Government Publication Date: Jan 19, 2007**

**Potentially Responsible Parties List:**

[PRP](#)

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

**Government Publication Date: Oct 20, 2021**

**State Coalition for Remediation of Drycleaners Listing:**

[SCRD DRYCLEANER](#)

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

**Government Publication Date: Nov 08, 2017**

**Integrated Compliance Information System (ICIS):**

[ICIS](#)

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

**Government Publication Date: Oct 14, 2021**



**Drycleaner Facilities:**

[FED DRYCLEANERS](#)

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

**Government Publication Date: May 5, 2021**

**Delisted Drycleaner Facilities:**

[DELISTED FED DRY](#)

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

**Government Publication Date: May 5, 2021**

**Formerly Used Defense Sites:**

[FUDS](#)

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

**Government Publication Date: May 26, 2021**

**Former Military Nike Missile Sites:**

[FORMER NIKE](#)

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

**Government Publication Date: Dec 2, 1984**

**PHMSA Pipeline Safety Flagged Incidents:**

[PIPELINE INCIDENT](#)

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

**Government Publication Date: Jul 7, 2020**

**Material Licensing Tracking System (MLTS):**

[MLTS](#)

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

**Government Publication Date: May 11, 2021**

**Historic Material Licensing Tracking System (MLTS) sites:**

[HIST MLTS](#)

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

**Government Publication Date: Jan 31, 2010**

**Mines Master Index File:**

[MINES](#)

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

**Government Publication Date: Nov 2, 2021**

**Surface Mining Control and Reclamation Act Sites:**

[SMCRA](#)

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (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 Abandoned Mine Land (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.

**Government Publication Date: Dec 18, 2020**

**Mineral Resource Data System:**

[MRDS](#)

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

**Government Publication Date: Mar 15, 2016**

**Uranium Mill Tailings Radiation Control Act Sites:**

[URANIUM](#)

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

**Government Publication Date: Mar 4, 2017**

**Alternative Fueling Stations:**

[ALT FUELS](#)

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

**Government Publication Date: Dec 21, 2021**

**Registered Pesticide Establishments:**

[SSTS](#)

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

**Government Publication Date: Apr 13, 2021**

**Polychlorinated Biphenyl (PCB) Notifiers:**

[PCB](#)

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

**Government Publication Date: Jan 20, 2022**

**State**

**Dry Cleaning Facilities:**

[DRYCLEANERS](#)

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial, linen supply, commercial laundry, dry cleaning and pressing machines - Coin Operated Laundry and Dry Cleaning. This is provided by the Department of Toxic Substance Control.

**Government Publication Date: Dec 20, 2021**

**Delisted Drycleaners:**

[DELISTED DRYCLEANERS](#)

Sites removed from the list of drycleaner related facilities that have EPA ID numbers, made available by the California Department of Toxic Substance Control.

**Government Publication Date: Feb 28, 2020**

**Non-Toxic Dry Cleaning Incentive Program:**

[DRYCLEANING GRANT](#)

A list of grant recipients of the Non-Toxic Dry Cleaning Incentive Program made available by the California Air Resources Board (CARB). The program provides grants to eligible dry cleaning businesses to assist them in transitioning away from PERC machines to alternative non-toxic and non-smog forming technologies.

**Government Publication Date: Feb 28, 2020**

**Per- and Polyfluoroalkyl Substances (PFAS):**

[PFAS](#)

List of sites from the State Water Resources Control Board (SWRCB)'s GeoTracker at which one or more of the potential contaminants of concern are in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

**PFOA/PFOS Groundwater:**

PFAS GW

A list of water wells from the Groundwater Ambient Monitoring and Assessment Program (GAMA) Groundwater Information System with the groundwater chemical perfluorooctanoic acid (PFOA) (NL = 0.014 UG/L) or perfluorooctanoic sulfonate (PFOS) (NL = 0.013 UG/L). The GAMA Groundwater Information System search is made available by California Water Boards.

Government Publication Date: Oct 22, 2020

**Hazardous Waste and Substances Site List - Site Cleanup:**

HWSS CLEANUP

The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. This list is published by California Department of Toxic Substance Control.

Government Publication Date: May 20, 2021

**Toxic Pit Cleanup Act Sites:**

TOXIC PITS

The Toxic Pits Cleanup Act (TPCA) list identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. This list was maintained by the State Water Resources Control Board (SWRCB), is not longer maintained, and updates are not planned.

Government Publication Date: Jul 1, 1995

**List of Hazardous Waste Facilities Subject to Corrective Action:**

DTSC HWF

This is a list of hazardous waste facilities identified in Health and Safety Code (HSC) § 25187.5. These facilities are those where Department of Toxic Substances Control (DTSC) has taken or contracted for corrective action because a facility owner/operator has failed to comply with a date for taking corrective action in an order issued under HSC § 25187, or because DTSC determined that immediate corrective action was necessary to abate an imminent or substantial endangerment.

Government Publication Date: Jul 18, 2016

**EnviroStor Inspection, Compliance, and Enforcement:**

INSP COMP ENF

A list of permitted facilities with inspections and enforcements tracked in the Department of Toxic Substance Control (DTSC) EnviroStor.

Government Publication Date: Apr 29, 2021

**School Property Evaluation Program Sites:**

SCH

A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.

Government Publication Date: Jan 6, 2022

**California Hazardous Material Incident Report System (CHMIRS):**

CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Aug 1, 2021

**Historical California Hazardous Material Incident Report System (CHMIRS):**

HIST CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS) prior to 1993. This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Jan 1, 1993

**Hazardous Waste Manifest Data:**

HAZNET

A list of hazardous waste manifests received each year by Department of Toxic Substances Control (DTSC). The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Oct 24, 2016

**Historical Hazardous Waste Manifest Data:**

HIST MANIFEST

A list of historic hazardous waste manifests received by the Department of Toxic Substances Control (DTSC) from year the 1980 to 1992. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Dec 31, 1992

**DTSC Registered Hazardous Waste Transporters:**

HW TRANSPORT

The California Department of Toxic Substances Control (DTSC) maintains this list of Registered Hazardous Waste Transporters.

**Government Publication Date: Oct 19, 2020**

**Registered Waste Tire Haulers:**

WASTE TIRE

This list of registered waste tire haulers is maintained by the California Department of Resources Recycling and Recovery.

**Government Publication Date: Dec 17, 2021**

**California Medical Waste Management Program Facility List:**

MEDICAL WASTE

This list of Medical Waste Management Program Facilities is maintained by the California Department of Public Health. The Medical Waste Management Program (MWMP) regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWWA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations. This list contains transporters, treatment, and transfer facilities.

**Government Publication Date: Dec 31, 2020**

**Historical Cortese List:**

HIST CORTESE

List of sites which were once included on the Cortese list. The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements for providing information about the location of hazardous sites.

**Government Publication Date: Nov 13, 2008**

**Cease and Desist Orders and Cleanup and Abatement Orders:**

CDO/CAO

The California Environment Protection Agency "Cortese List" of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO). This list contains many CDOs and CAOs that do NOT concern the discharge of wastes that are hazardous materials. Many of the listed orders concern, as examples, discharges of domestic sewage, food processing wastes, or sediment that do not contain hazardous materials, but the Water Boards' database does not distinguish between these types of orders.

**Government Publication Date: Dec 6, 2021**

**California Environmental Reporting System (CERS) Hazardous Waste Sites:**

CERS HAZ

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

**Government Publication Date: Dec 8, 2021**

**Delisted Environmental Reporting System (CERS) Hazardous Waste Sites:**

DELISTED HAZ

This database contains a list of sites that were removed from the California Environmental Protection Agency (CalEPA) in the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator.

**Government Publication Date: Nov 29, 2018**

**Sites in GeoTracker:**

GEOTRACKER

GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. This is a list of sites in GeoTracker that aren't otherwise categorized as LUST, Land Disposal Sites (LDS), Cleanup Sites, or sites having Waste Discharge Requirements (WDR). This listing includes program types such as Underground Injection Control (UIC), Confined Animal Facilities (CAF), Irrigated Lands Regulatory Program, plans, and non-case information.

**Government Publication Date: Feb 15, 2022**

**Mines Listing:**

MINE

This list includes mine site locations extracted from the Mines Online database, maintained by the California Department of Conservation. Mines Online (MOL) is an interactive web map designed with GIS features that provide information such as the mine name, mine status, commodity sold, location, and other mine specific data. Please note: Mine location information is provided to assist experts in determining the location of mine operators in accordance with California Civil Code section 1103.4 and reflects information reported by mine operators in annual reports provided under Public Resources Code section 2207. While the Division of Mine Reclamation (DMR) attempts to populate MOL with accurate location information, the DMR cannot guarantee the accuracy of operator reported location information.

**Government Publication Date: Dec 17, 2021**

**Recorded Environmental Cleanup Liens:**

[LIEN](#)

The California Department of Toxic Substance Control (DTSC) maintains this list of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

**Government Publication Date: Dec 15, 2021**

**Waste Discharge Requirements:**

[WASTE DISCHG](#)

List of sites in California State Water Resources Control Board (SWRCB) Waste Discharge Requirements (WDRs) Program in California, made available by the SWRCB via GeoTracker. The WDR program regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

**Government Publication Date: Feb 15, 2022**

**Toxic Pollutant Emissions Facilities:**

[EMISSIONS](#)

A list of criteria and toxic pollutant emissions data for facilities in California made available by the California Environmental Protection Agency - Air Resources Board (ARB). Risk data may be based on previous inventory submittals. The toxics data are submitted to the ARB by the local air districts as requirement of the Air Toxics "Hot Spots" Program. This program requires emission inventory updates every four years.

**Government Publication Date: Dec 31, 2019**

**Clandestine Drug Lab Sites:**

[CDL](#)

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/ clandestine drug laboratories.

**Government Publication Date: Jan 19, 2021**

**Tribal**

**No Tribal additional environmental record sources available for this State.**

**County**

**Riverside County - Hazardous Waste Generator Sites List:**

[HWG RIVERSIDE](#)

A list of Hazardous Waste Generator Sites in the County of Riverside. This list is made available by Riverside County Department of Environmental Health which has been designated as the CUPA for the County.

**Government Publication Date: Jan 18, 2022**

**Riverside County - Disclosure Facility List:**

[HZH RIVERSIDE](#)

A list of facilities disclosed to Riverside County Department of Environmental Health (DEH). This list is made available by Riverside County DEH which has been designated as the CUPA for the County. A business is required to establish and submit a Business Plan if the facility handles hazardous material equal to or greater than 55 gallons, 500 pounds or 200 cubic feet at any time during the year.

**Government Publication Date: Jan 18, 2022**

**Riverside County - Medical Waste Facilities:**

[MED WST RIVERSIDE](#)

This list of active and inactive medical waste facilities is maintained by the County of Riverside Department of Environmental Health.

**Government Publication Date: Feb 9, 2022**

**Riverside County - California Accidental Release Prevention Program Sites:**

[RMP RIVERSIDE](#)

This list of Riverside County California Accidental Release Prevention Program sites is maintained by the County of Riverside Department of Environmental Health. AB 3777 was enacted in 1986 to minimize potential emergencies involving acutely hazardous materials by requiring facilities which handle these materials to submit Risk Management Prevention Plans. The Riverside County Department of Environmental Health Hazardous Materials Branch began implementation of this Program County-wide in January 1991. All cities within Riverside County are included in this list.

**Government Publication Date: Jan 18, 2022**



# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



## Property Information

Order Number:	22031501171p
Date Completed:	March 16, 2022
Project Number:	22-362701.1
Project Property:	945-995 Markham 945-995 Markham PERRIS CA 92571
Coordinates:	
Latitude:	33.85137193
Longitude:	-117.24714968
UTM Northing:	3745704.05963 Meters
UTM Easting:	477136.562154 Meters
UTM Zone:	UTM Zone 11S
Elevation:	1,487.61 ft
Slope Direction:	ESE

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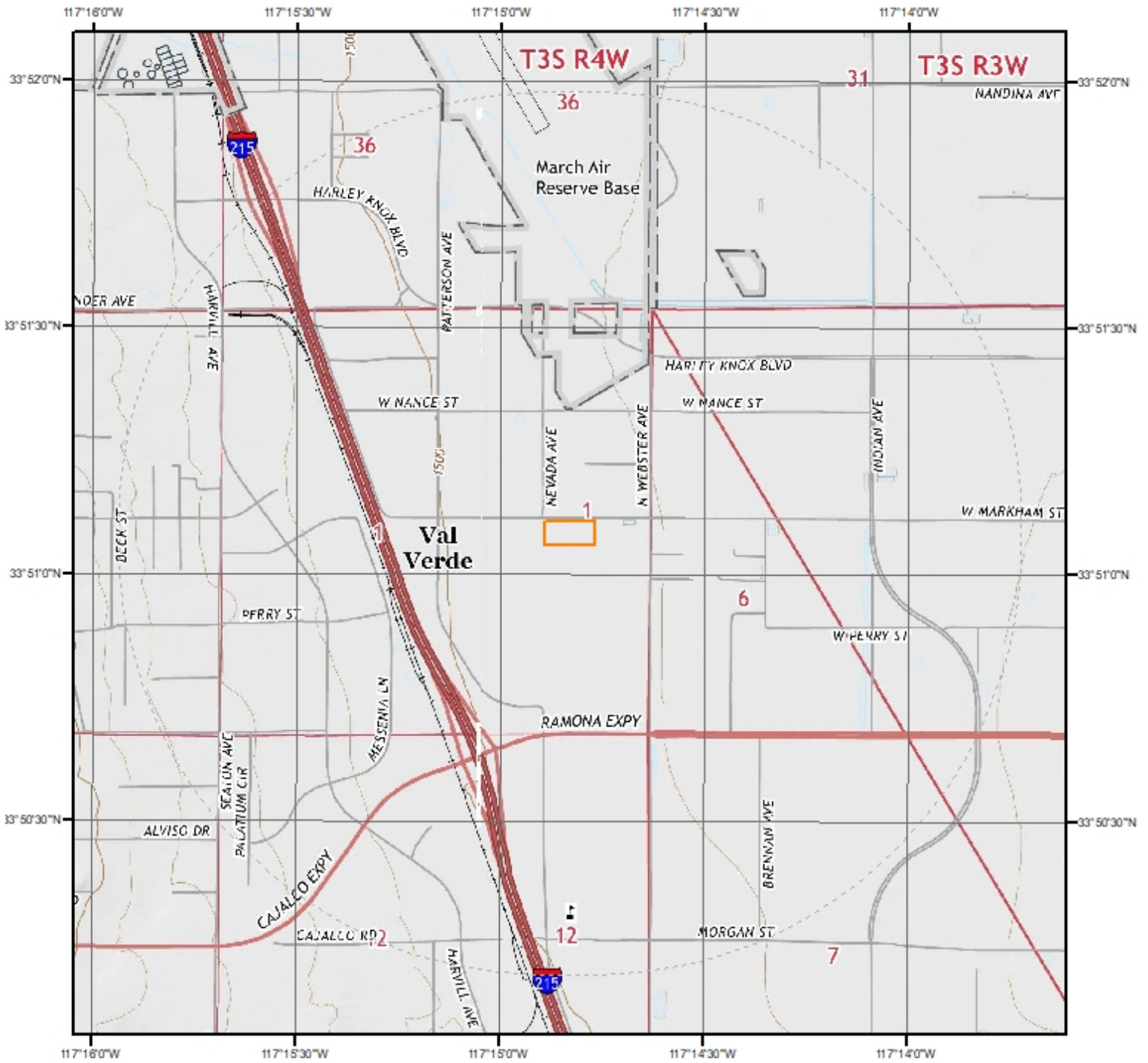
The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

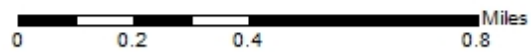
### Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

# Topographic Information



**Current USGS Topo (2015)**



**Quadrangle(s): Perris, CA; Steele Peak, CA**

Source: USGS 7.5 Minute Topographic Map

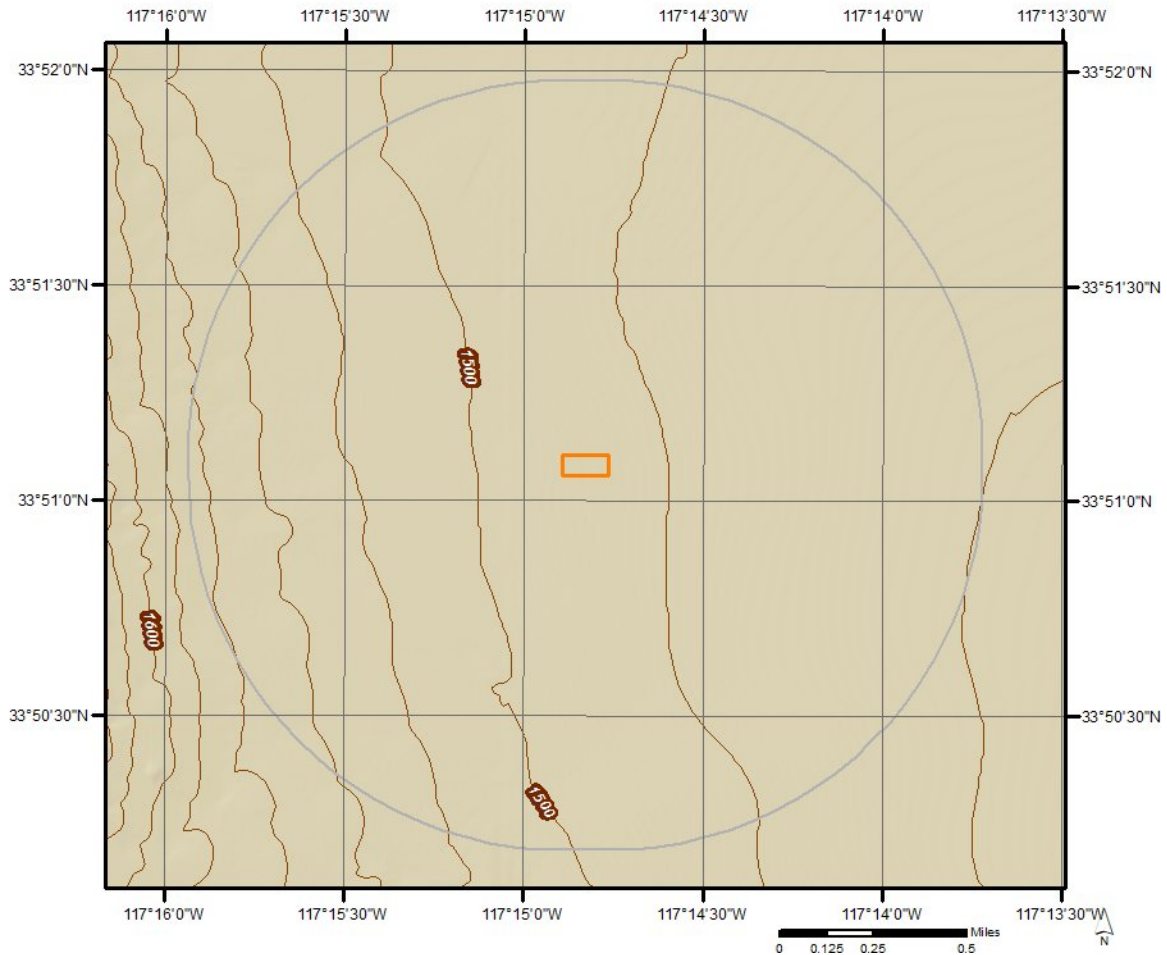


# Topographic Information

The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

Elevation: 1,487.61 ft  
Slope Direction: ESE

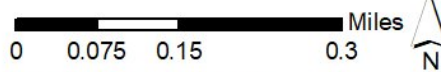





# Hydrologic Information



## Wetland



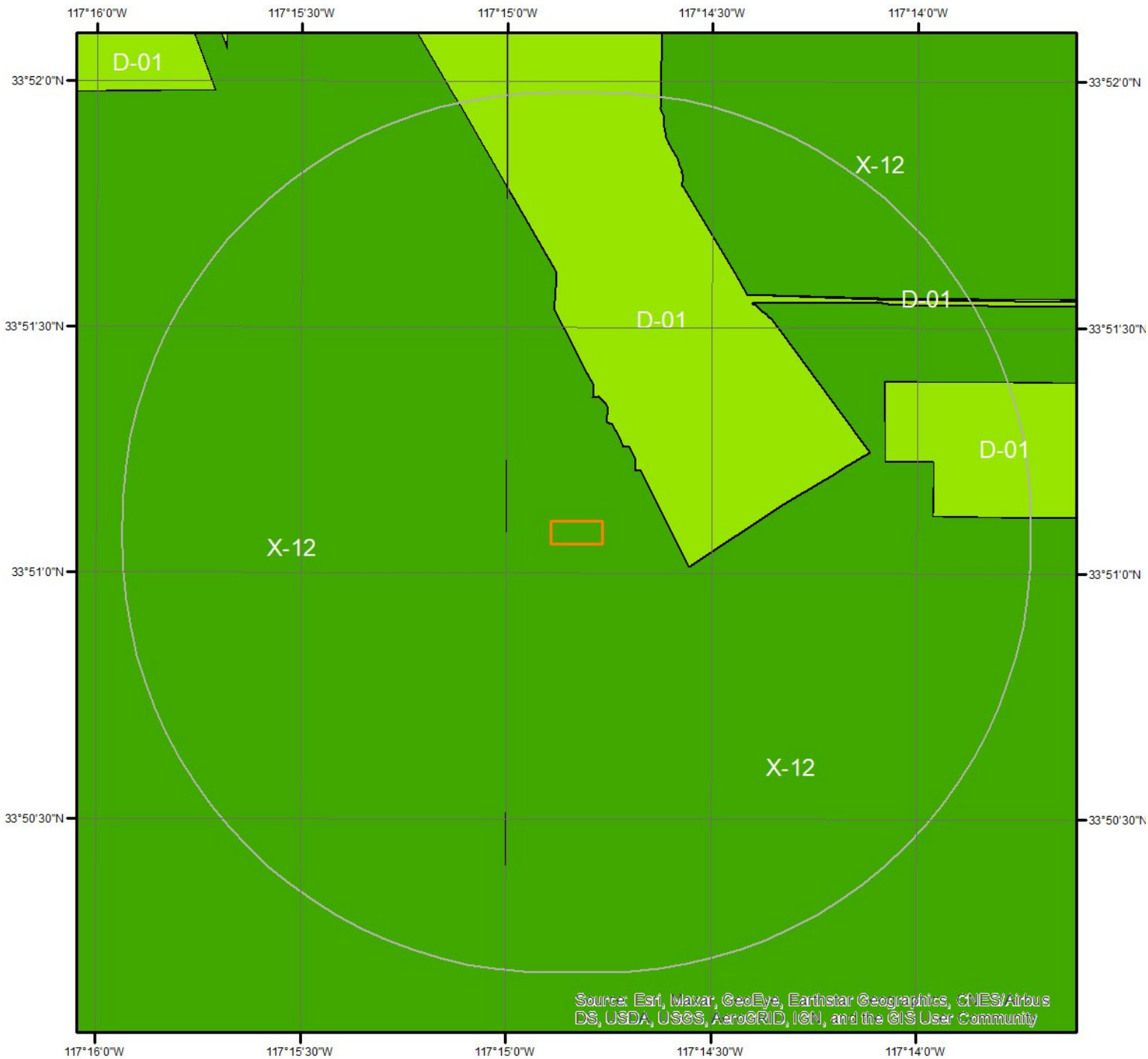
This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

- |   |   |
|---|---|
|  Estuarine and Marine Deepwater    |  Freshwater Pond |
|  Estuarine and Marine Wetland      |  Lake            |
|  Freshwater Emergent Wetland       |  Other           |
|  Freshwater Forested/Shrub Wetland |  Riverine        |

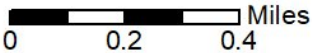




# Hydrologic Information

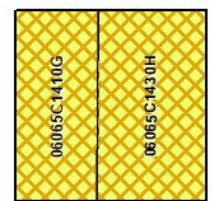


## Flood Hazard Zones



This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

- |     |    |                   |
|-----|----|-------------------|
| A   | AO | X                 |
| A99 | V  | OPEN WATER        |
| AE  | VE | NOT POPULATED     |
| AH  | D  | AREA NOT INCLUDED |



## Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below. For detailed Zone descriptions please click the link: <https://floodadvocate.com/fema-zone-definitions>

---

Available FIRM Panels in area: 06065C1410G(effective:2008-08-28) 06065C1430H(effective:2014-08-18)

---

### Flood Zone D-01

Zone: D

Zone subtype:

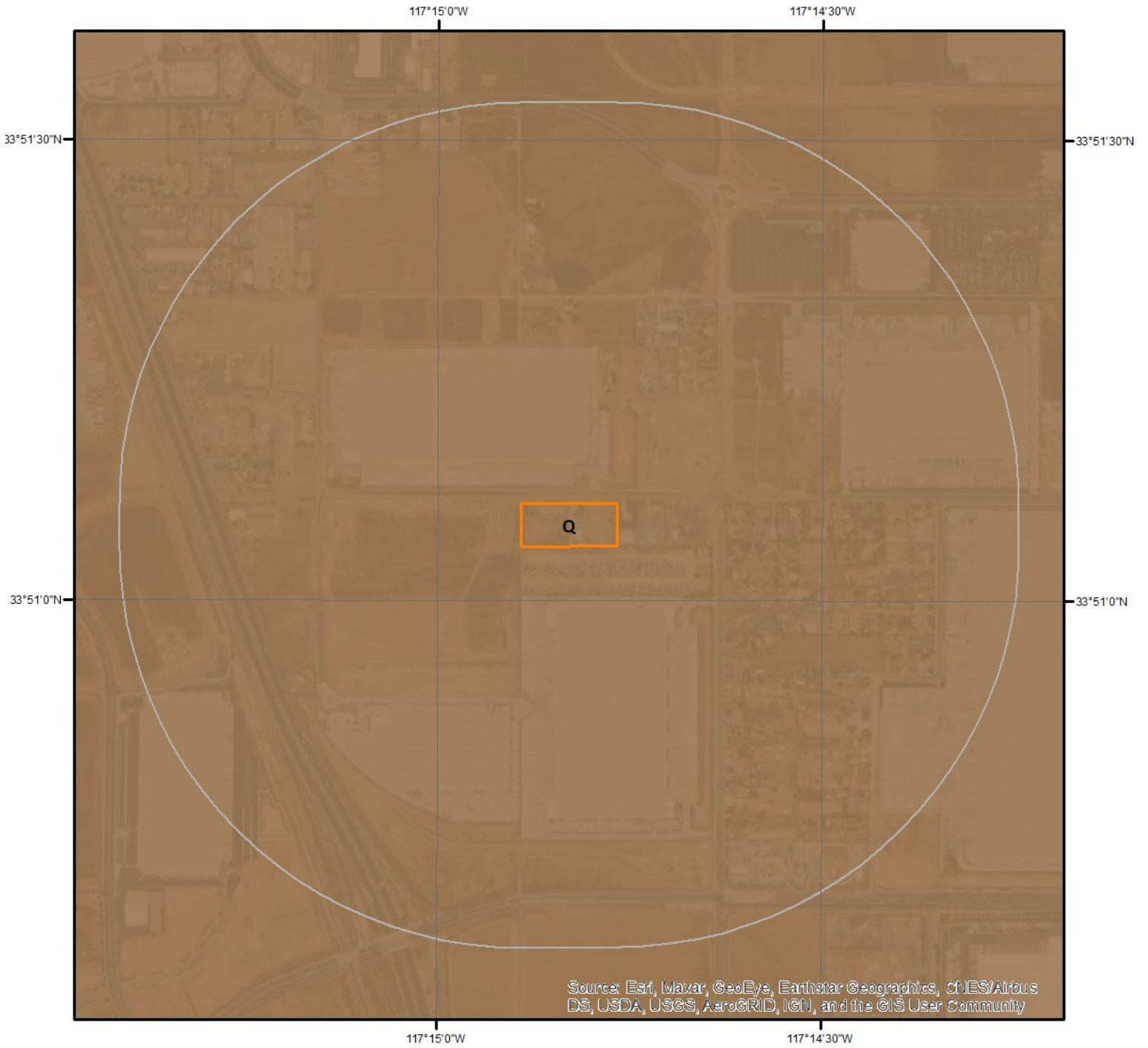
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### Flood Zone X-12

Zone: X

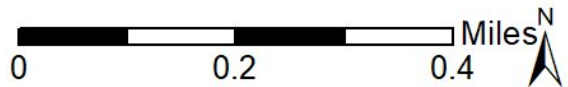
Zone subtype: AREA OF MINIMAL FLOOD HAZARD

# Geologic Information



## Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



## Geologic Information

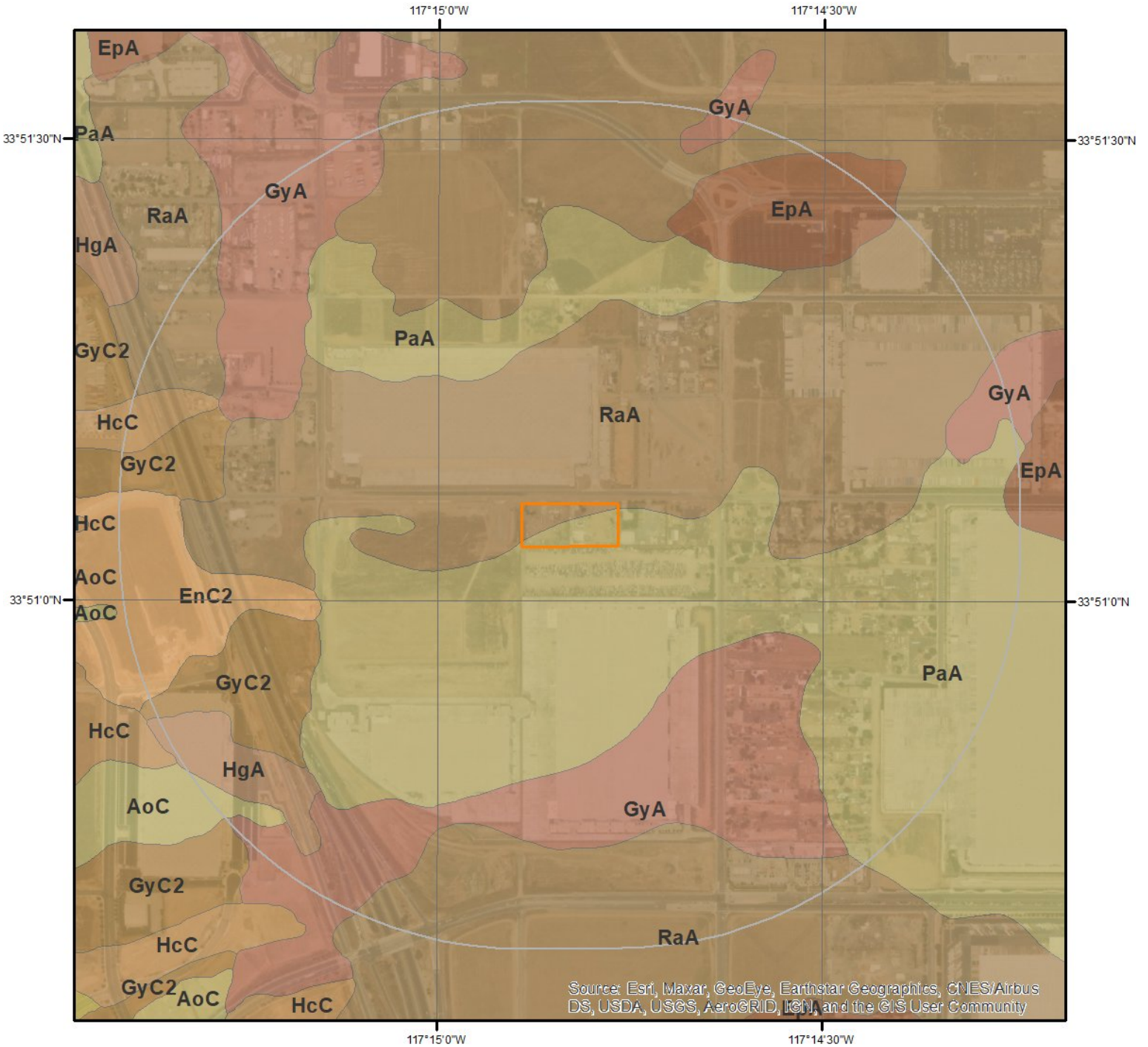
The previous page shows USGS geology information. Detailed information about each unit is provided below.

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### Geologic Unit Q

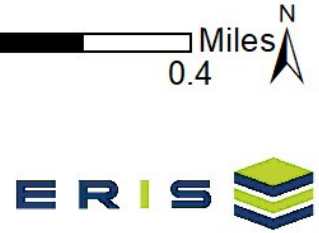
Unit Name:	Quaternary alluvium and marine deposits
Unit Age:	Pliocene to Holocene
Primary Rock Type:	alluvium
Secondary Rock Type:	terrace
Unit Description:	Alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly nonmarine, but includes marine deposits near the coast.

# Soil Information



## SSURGO Soils

This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.





## Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

### Map Unit AoC (1.42%)

Map Unit Name:	Arlington fine sandy loam, deep, 2 to 8 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Arlington(85%)	
horizon H1(0cm to 28cm)	Fine sandy loam
horizon H2(28cm to 127cm)	Sandy loam
horizon H3(127cm to 152cm)	Cemented
horizon H4(152cm to 178cm)	Coarse sandy loam
horizon H4(152cm to 178cm)	Loamy coarse sand

Component Description:

Minor map unit components are excluded from this report.

Map Unit: AoC - Arlington fine sandy loam, deep, 2 to 8 percent slopes

Component: Arlington (85%)

The Arlington component makes up 85 percent of the map unit. Slopes are 2 to 8 percent. This component is on alluvial fans. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer, duripan, is 40 to 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R019XD029CA Loamy (1975) ecological site. Nonirrigated land capability classification is 3e. Irrigated land capability classification is 2e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Hanford (10%)

Generated brief soil descriptions are created for major soil components. The Hanford soil is a minor component.

Component: Greenfield (5%)

Generated brief soil descriptions are created for major soil components. The Greenfield soil is a minor component.

### Map Unit EnC2 (1.54%)

Map Unit Name:	Exeter sandy loam, 2 to 8 percent slopes, eroded
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Exeter(85%)	
horizon H1(0cm to 41cm)	Sandy loam
horizon H2(41cm to 94cm)	Sandy clay loam
horizon H3(94cm to 127cm)	Indurated
horizon H4(127cm to 152cm)	Stratified sandy loam to silt loam

## Soil Information

### Component Description:

Minor map unit components are excluded from this report.

Map Unit: EnC2 - Exeter sandy loam, 2 to 8 percent slopes, eroded

#### Component: Exeter (85%)

The Exeter component makes up 85 percent of the map unit. Slopes are 2 to 8 percent. This component is on alluvial fans. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer, duripan, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R019XD029CA Loamy (1975) ecological site. Nonirrigated land capability classification is 3e. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 1 percent.

#### Component: Ramona (5%)

Generated brief soil descriptions are created for major soil components. The Ramona soil is a minor component.

#### Component: Monserate (5%)

Generated brief soil descriptions are created for major soil components. The Monserate soil is a minor component.

#### Component: Greenfield (5%)

Generated brief soil descriptions are created for major soil components. The Greenfield soil is a minor component.

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### Map Unit EpA (16.75%)

Map Unit Name:	Exeter sandy loam, deep, 0 to 2 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

#### Exeter(85%)

horizon H1(0cm to 41cm)	Sandy loam
horizon H2(41cm to 94cm)	Sandy clay loam
horizon H3(94cm to 127cm)	Indurated
horizon H4(127cm to 152cm)	Stratified sandy loam to silt loam

### Component Description:

Minor map unit components are excluded from this report.

Map Unit: EpA - Exeter sandy loam, deep, 0 to 2 percent slopes

#### Component: Exeter (85%)

The Exeter component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on alluvial fans. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer, duripan, is 35 to 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is moderate. This soil is rarely flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R019XD029CA Loamy (1975) ecological site. Nonirrigated land capability classification is 3e. Irrigated land capability classification is 2s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 1 percent.

#### Component: Monserate (5%)

Generated brief soil descriptions are created for major soil components. The Monserate soil is a minor component.

#### Component: Greenfield (5%)

Generated brief soil descriptions are created for major soil components. The Greenfield soil is a minor component.

## Soil Information

Component: Ramona (5%)

Generated brief soil descriptions are created for major soil components. The Ramona soil is a minor component.

### Map Unit GyA (10.59%)

Map Unit Name: Greenfield sandy loam, 0 to 2 percent slopes  
Bedrock Depth - Min: null  
Watertable Depth - Annual Min: null  
Drainage Class - Dominant: Well drained  
Hydrologic Group - Dominant: A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Greenfield(85%)

horizon H1(0cm to 66cm)	Sandy loam
horizon H2(66cm to 109cm)	Fine sandy loam
horizon H3(109cm to 152cm)	Loam
horizon H4(152cm to 183cm)	Stratified loamy sand to sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: GyA - Greenfield sandy loam, 0 to 2 percent slopes

Component: Greenfield (85%)

The Greenfield component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on alluvial fans, terraces. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is rarely flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R019XD029CA Loamy (1975) ecological site. Nonirrigated land capability classification is 3c. Irrigated land capability classification is 1 This soil does not meet hydric criteria.

Component: Hanford (10%)

Generated brief soil descriptions are created for major soil components. The Hanford soil is a minor component.

Component: Pachappa (2%)

Generated brief soil descriptions are created for major soil components. The Pachappa soil is a minor component.

Component: Arlington (2%)

Generated brief soil descriptions are created for major soil components. The Arlington soil is a minor component.

Component: Unnamed (1%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

### Map Unit GyC2 (3.2%)

Map Unit Name: Greenfield sandy loam, 2 to 8 percent slopes, eroded  
Bedrock Depth - Min: null  
Watertable Depth - Annual Min: null  
Drainage Class - Dominant: Well drained  
Hydrologic Group - Dominant: A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

Greenfield(85%)

horizon H1(0cm to 66cm)	Sandy loam
horizon H2(66cm to 109cm)	Fine sandy loam
horizon H3(109cm to 152cm)	Loam

## Soil Information

horizon H4(152cm to 183cm)

Stratified loamy sand to sandy loam

### Component Description:

Minor map unit components are excluded from this report.

Map Unit: GyC2 - Greenfield sandy loam, 2 to 8 percent slopes, eroded

#### Component: Greenfield (85%)

The Greenfield component makes up 85 percent of the map unit. Slopes are 2 to 8 percent. This component is on alluvial fans, terraces. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R019XD029CA Loamy (1975) ecological site. Nonirrigated land capability classification is 3e. Irrigated land capability classification is 2e. This soil does not meet hydric criteria.

#### Component: Pachappa (3%)

Generated brief soil descriptions are created for major soil components. The Pachappa soil is a minor component.

#### Component: Unnamed (3%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

#### Component: Hanford (3%)

Generated brief soil descriptions are created for major soil components. The Hanford soil is a minor component.

#### Component: Ramona (3%)

Generated brief soil descriptions are created for major soil components. The Ramona soil is a minor component.

#### Component: Arlington (3%)

Generated brief soil descriptions are created for major soil components. The Arlington soil is a minor component.

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### Map Unit HcC (0.83%)

Map Unit Name:	Hanford coarse sandy loam, 2 to 8 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

#### Hanford(85%)

horizon H1(0cm to 20cm)

Coarse sandy loam

horizon H2(20cm to 102cm)

Fine sandy loam

horizon H3(102cm to 152cm)

Stratified loamy sand to coarse sandy loam

### Component Description:

Minor map unit components are excluded from this report.

Map Unit: HcC - Hanford coarse sandy loam, 2 to 8 percent slopes

#### Component: Hanford (85%)

The Hanford component makes up 85 percent of the map unit. Slopes are 2 to 8 percent. This component is on alluvial fans, alluvial plains. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R020XD012CA Sandy ecological site. Nonirrigated land capability classification is 3e. Irrigated land capability classification is 2e. This soil does not meet hydric criteria.

## Soil Information

### Component: Greenfield (5%)

Generated brief soil descriptions are created for major soil components. The Greenfield soil is a minor component.

### Component: Ramona (5%)

Generated brief soil descriptions are created for major soil components. The Ramona soil is a minor component.

### Component: Tujunga (2%)

Generated brief soil descriptions are created for major soil components. The Tujunga soil is a minor component.

### Component: Unnamed (2%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

### Component: Unnamed (1%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

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### Map Unit HgA (0.46%)

Map Unit Name:	Hanford fine sandy loam, 0 to 2 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained
Hydrologic Group - Dominant:	A - Soils in this group have low runoff potential when thoroughly wet. Water is transmitted freely through the soil.

Major components are printed below

#### Hanford(85%)

horizon H1(0cm to 20cm)	Fine sandy loam
horizon H2(20cm to 102cm)	Fine sandy loam
horizon H3(102cm to 152cm)	Stratified loamy sand to coarse sandy loam

### Component Description:

Minor map unit components are excluded from this report.

Map Unit: HgA - Hanford fine sandy loam, 0 to 2 percent slopes

### Component: Hanford (85%)

The Hanford component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on alluvial fans. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is rarely flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R019XD029CA Loamy (1975) ecological site. Nonirrigated land capability classification is 3c. Irrigated land capability classification is 1. This soil does not meet hydric criteria.

### Component: Ramona (5%)

Generated brief soil descriptions are created for major soil components. The Ramona soil is a minor component.

### Component: Tujunga (5%)

Generated brief soil descriptions are created for major soil components. The Tujunga soil is a minor component.

### Component: Greenfield (5%)

Generated brief soil descriptions are created for major soil components. The Greenfield soil is a minor component.

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### Map Unit PaA (13.4%)

Map Unit Name:	Pachappa fine sandy loam, 0 to 2 percent slopes
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Well drained



## Soil Information

Hydrologic Group - Dominant:

B - Soils in this group have moderately low runoff potential when thoroughly wet. Water transmission through the soil is unimpeded.

Major components are printed below

Pachappa(85%)

horizon H1(0cm to 51cm)

Fine sandy loam

horizon H2(51cm to 160cm)

Loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: PaA - Pachappa fine sandy loam, 0 to 2 percent slopes

Component: Pachappa (85%)

The Pachappa component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on alluvial fans. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is moderate. This soil is rarely flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R019XD029CA Loamy (1975) ecological site. Nonirrigated land capability classification is 3c. Irrigated land capability classification is 1 This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 3 percent. There are no saline horizons within 30 inches of the soil surface.

Component: Greenfield (5%)

Generated brief soil descriptions are created for major soil components. The Greenfield soil is a minor component.

Component: San Emigdio (5%)

Generated brief soil descriptions are created for major soil components. The San Emigdio soil is a minor component.

Component: Hanford (5%)

Generated brief soil descriptions are created for major soil components. The Hanford soil is a minor component.

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### Map Unit RaA (51.81%)

Map Unit Name:

Ramona sandy loam, 0 to 2 percent slopes

Bedrock Depth - Min:

null

Watertable Depth - Annual Min:

null

Drainage Class - Dominant:

Well drained

Hydrologic Group - Dominant:

C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Ramona(85%)

horizon H1(0cm to 36cm)

Sandy loam

horizon H2(36cm to 58cm)

Fine sandy loam

horizon H3(58cm to 173cm)

Sandy clay loam

horizon H4(173cm to 188cm)

Gravelly sandy loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: RaA - Ramona sandy loam, 0 to 2 percent slopes, MLRA 19

Component: Ramona (85%)

The Ramona component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on alluvial plains, terraces, alluvial fans. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R019XD029CA Loamy (1975) ecological site. Nonirrigated land capability classification is 4s. Irrigated land

## Soil Information

capability classification is 2s. This soil does not meet hydric criteria.

Component: Greenfield (6%)

Generated brief soil descriptions are created for major soil components. The Greenfield soil is a minor component.

Component: Hanford (4%)

Generated brief soil descriptions are created for major soil components. The Hanford soil is a minor component.

Component: Tujunga (4%)

Generated brief soil descriptions are created for major soil components. The Tujunga soil is a minor component.

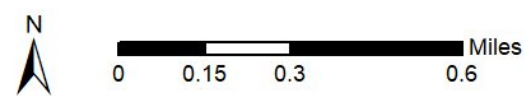
Component: Placentia (1%)

Generated brief soil descriptions are created for major soil components. The Placentia soil is a minor component.

# Wells and Additional Sources



## Wells & Additional Sources



- |                                |                                    |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation  | ▲ OGW Sites with Higher Elevation  |
| ■ Sites with Same Elevation    | ■ OGW Sites with Same Elevation    |
| ▼ Sites with Lower Elevation   | ▼ OGW Sites with Lower Elevation   |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



# Wells and Additional Sources Summary

## Federal Sources

### Public Water Systems Violations and Enforcement Data

Map Key	ID	Distance (ft)	Direction
	No records found		

### Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

### USGS National Water Information System

Map Key	Monitoring Loc Identifier	Distance (ft)	Direction
3	USGS-335119117145401	1323.75	NNW
6	USGS-335125117144401	1891.72	N
13	USGS-335121117140301	3671.59	ENE
16	USGS-335053117135801	4197.94	ESE
17	USGS-335046117135501	4402.82	ESE
18	USGS-335133117140501	4435.82	NE

## State Sources

### Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
	No records found		

### Periodic Groundwater Level Measurement Locations

Map Key	Site Code	Distance (ft)	Direction
2	338553N1172491W001	1312.20	NNW
7	338570N1172480W001	1907.71	N
19	338464N1172319W001	4593.84	ESE

### Well Completion Reports

Map Key	WCR No	Distance (ft)	Direction
1	WCR2017-004173	683.64	E
4	WCR1776-011345	1341.02	W
4	WCR1953-002069	1341.02	W
4	WCR1951-002174	1341.02	W
4	WCR1776-008848	1341.02	W
4	WCR1953-001802	1341.02	W
4	WCR0289097	1341.02	W
4	WCR1981-007510	1341.02	W
4	WCR1954-002404	1341.02	W
4	WCR1776-008847	1341.02	W



## Wells and Additional Sources Summary

4	WCR1953-002068	1341.02	W
4	WCR1948-001039	1341.02	W
4	WCR1955-002447	1341.02	W
4	WCR1947-001310	1341.02	W
4	WCR1776-004433	1341.02	W
4	WCR1947-001309	1341.02	W
4	WCR1953-002070	1341.02	W
4	WCR0109564	1341.02	W
4	WCR2001-012183	1341.02	W
4	WCR1954-001660	1341.02	W
5	WCR2019-002676	1858.80	NE
8	WCR2019-011434	2445.48	SE
9	WCR2018-005201	2467.07	N
10	WCR2017-003710	2722.40	NE
11	WCR1948-001482	3383.76	E
11	WCR1776-008828	3383.76	E
11	WCR1776-008824	3383.76	E
11	WCR2010-009553	3383.76	E
11	WCR1951-002166	3383.76	E
11	WCR1776-008827	3383.76	E
11	WCR1950-002053	3383.76	E
11	WCR1948-001479	3383.76	E
11	WCR1776-008829	3383.76	E
11	WCR0254090	3383.76	E
11	WCR0298084	3383.76	E
11	WCR1948-001026	3383.76	E
11	WCR1950-002052	3383.76	E
11	WCR1949-000914	3383.76	E
11	WCR1776-008825	3383.76	E
11	WCR1948-001025	3383.76	E
11	WCR1947-001306	3383.76	E
11	WCR1950-002054	3383.76	E
11	WCR1952-001745	3383.76	E
11	WCR1994-013241	3383.76	E
11	WCR2005-013421	3383.76	E
11	WCR1947-001305	3383.76	E
11	WCR2012-011492	3383.76	E
11	WCR2004-016526	3383.76	E
11	WCR1952-001746	3383.76	E
11	WCR1776-008207	3383.76	E
11	WCR1994-010874	3383.76	E
11	WCR1994-013239	3383.76	E
11	WCR1776-008206	3383.76	E
11	WCR1776-004431	3383.76	E
11	WCR1940-000266	3383.76	E
11	WCR1940-000187	3383.76	E
11	WCR1947-001215	3383.76	E
11	WCR1948-001478	3383.76	E
11	WCR1776-008826	3383.76	E
11	WCR2011-008483	3383.76	E
11	WCR1952-001744	3383.76	E
11	WCR2000-011867	3383.76	E
11	WCR2000-011866	3383.76	E
11	WCR2000-010937	3383.76	E
11	WCR1978-007214	3383.76	E
12	WCR2017-003658	3506.27	NW
14	WCR2017-000707	3761.00	NW
15	WCR2017-006264	3941.21	NW
20	WCR1955-001743	5142.65	SSW
20	WCR1951-002176	5142.65	SSW
20	WCR0317398	5142.65	SSW
20	WCR1951-002573	5142.65	SSW
20	WCR0172351	5142.65	SSW
20	WCR1955-001742	5142.65	SSW
20	WCR1952-002024	5142.65	SSW
20	WCR1950-002068	5142.65	SSW



## Wells and Additional Sources Summary

20	WCR1952-001753	5142.65	SSW
20	WCR1952-002023	5142.65	SSW
20	WCR1987-012663	5142.65	SSW
20	WCR1950-002427	5142.65	SSW
20	WCR1952-001752	5142.65	SSW

# Wells and Additional Sources Detail Report

## USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	NNW	0.25	1,323.75	1,489.49	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	California Coastal Basin aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	RIVERSIDE
Construction Date:		Latitude:	33.8552961
Source Map Scale:	24000	Longitude:	-117.2492054
Monitoring Loc Name:	004S004W01G001S		
Monitoring Loc Identifier:	USGS-335119117145401		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18070202		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	1488		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	N	0.36	1,891.72	1,481.54	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	California Coastal Basin aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	RIVERSIDE

## Wells and Additional Sources Detail Report

Construction Date:		Latitude:	33.8569627
Source Map Scale:	24000	Longitude:	-117.2464275
Monitoring Loc Name:	004S004W01A001S		
Monitoring Loc Identifier:	USGS-335125117144401		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18070202		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	1483		
Vertical Measure Unit:	feet		
Vertical Accuracy:	10		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	ENE	0.70	3,671.59	1,467.54	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	California Coastal Basin aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	RIVERSIDE
Construction Date:		Latitude:	33.8558516
Source Map Scale:	24000	Longitude:	-117.235038
Monitoring Loc Name:	004S003W06C001S		
Monitoring Loc Identifier:	USGS-335121117140301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18070202		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		

## Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 1465  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 10  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
16	ESE	0.80	4,197.94	1,462.67	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	Cenozoic Erathem
Organiz Name:	USGS California Water Science Center	Aquifer Name:	California Coastal Basin aquifers
Well Depth:	760	Aquifer Type:	Unconfined single aquifer
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	905	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	RIVERSIDE
Construction Date:	19940115	Latitude:	33.8479722
Source Map Scale:	24000	Longitude:	-117.23275
Monitoring Loc Name:	004S003W06Q004S		
Monitoring Loc Identifier:	USGS-335053117135801		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18070202		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	1460		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
17	ESE	0.83	4,402.82	1,462.54	FED USGS

## Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	California Coastal Basin aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	RIVERSIDE
Construction Date:		Latitude:	33.8461295
Source Map Scale:	24000	Longitude:	-117.2328155
Monitoring Loc Name:	004S003W06Q001S		
Monitoring Loc Identifier:	USGS-335046117135501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18070202		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	1460		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	NE	0.84	4,435.82	1,468.54	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	
Well Depth:	178	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	RIVERSIDE
Construction Date:		Latitude:	33.8592583
Source Map Scale:	24000	Longitude:	-117.2345694
Monitoring Loc Name:	003S003W31Q002S		
Monitoring Loc Identifier:	USGS-335133117140501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18070202		



# Wells and Additional Sources Detail Report

Drainage Area:  
 Drainage Area Unit:  
 Contrib Drainage Area:  
 Contrib Drainage Area Unit:  
 Horizontal Accuracy: Unknown  
 Horizontal Accuracy Unit: Unknown  
 Horizontal Collection Mthd: GNSS4 - Level 4 Quality Survey Grade Global Navigation Satellite System  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 1469.72  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 0.5  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: GNSS4 - Level 4 Quality Survey Grade Global Navigation Satellite System  
 Vert Coord Refer System: NAVD88

## Periodic Groundwater Level Measurement Locations

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NNW	0.25	1,312.20	1,489.32	MONITOR WELLS

Site Code:	338553N1172491W001	Basin ID:	
State Well No:		Basin Code:	8-005
Station ID:	48247	Basin Name:	San Jacinto
WCR No:		Basin Region Code:	8
Well Depth:		Basin Region Desc:	North Lahontan
Well Use:	Irrigation	Basin Region Actv:	Y
Well Type:	Single Well	Basin Region Order:	8
Well Name:	EMWD12474	County Name:	Riverside
Latitude:	33.8553	WLM Method:	Digital Elevation Model
Longitude:	-117.249	WLM Accuracy:	5 ft.

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	N	0.36	1,907.71	1,484.51	MONITOR WELLS

Site Code:	338570N1172480W001	Basin ID:	
State Well No:		Basin Code:	8-005
Station ID:	48246	Basin Name:	San Jacinto
WCR No:		Basin Region Code:	8
Well Depth:		Basin Region Desc:	North Lahontan
Well Use:	Irrigation	Basin Region Actv:	Y
Well Type:	Single Well	Basin Region Order:	8
Well Name:	EMWD12471	County Name:	Riverside
Latitude:	33.857	WLM Method:	Digital Elevation Model
Longitude:	-117.248	WLM Accuracy:	5 ft.

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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# Wells and Additional Sources Detail Report

19                      ESE                      0.87                      4,593.84                      1,461.54                      MONITOR WELLS

Site Code:	338464N1172319W001	Basin ID:	
State Well No:		Basin Code:	8-005
Station ID:	48225	Basin Name:	San Jacinto
WCR No:		Basin Region Code:	8
Well Depth:	807	Basin Region Desc:	North Lahontan
Well Use:	Irrigation	Basin Region Actv:	Y
Well Type:	Single Well	Basin Region Order:	8
Well Name:	EMWD11044	County Name:	Riverside
Latitude:	33.8464	WLM Method:	Digital Elevation Model
Longitude:	-117.232	WLM Accuracy:	5 ft.

## Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	E	0.13	683.64	1,480.54	WATER WELLS

WCR No:	WCR2017-004173	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85187011
Decimal Latitude:	33.85187011	Decim Long(OSWCR):	-117.24385004
Decimal Longitude:	-117.24385004		
Location:	W. Markham Street and N. Webster Avenue		
Location(OSWCR):	W. Markham Street and N. Webster Avenue		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No:	WCR1776-011345	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85172
Decimal Latitude:	33.85172	Decim Long(OSWCR):	-117.25262
Decimal Longitude:	-117.25262		
Location:	ROMONA EXPWY, PATTERSON		
Location(OSWCR):	ROMONA EXPWY, PATTERSON		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No:	WCR1953-002069	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside

## Wells and Additional Sources Detail Report

County:	Riverside	Decimal Lat(OSWCR):	33.85172
Decimal Latitude:	33.85172	Decim Long(OSWCR):	-117.25262
Decimal Longitude:	-117.25262		
Location:	VAL VERDE TRACT		
Location(OSWCR):	VAL VERDE TRACT		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No:	WCR1951-002174	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85172
Decimal Latitude:	33.85172	Decim Long(OSWCR):	-117.25262
Decimal Longitude:	-117.25262		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No:	WCR1776-008848	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85172
Decimal Latitude:	33.85172	Decim Long(OSWCR):	-117.25262
Decimal Longitude:	-117.25262		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

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Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No:	WCR1953-001802	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85172
Decimal Latitude:	33.85172	Decim Long(OSWCR):	-117.25262
Decimal Longitude:	-117.25262		
Location:	LOT 1, VAL VERDE TRACT		
Location(OSWCR):	LOT 1, VAL VERDE TRACT		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

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## Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No: WCR0289097      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.85172  
 Decimal Latitude: 33.85172      Decim Long(OSWCR): -117.25262  
 Decimal Longitude: -117.25262  
 Location: None  
 Location(OSWCR): None  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No: WCR1981-007510      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.85172  
 Decimal Latitude: 33.85172      Decim Long(OSWCR): -117.25262  
 Decimal Longitude: -117.25262  
 Location: None  
 Location(OSWCR): None  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No: WCR1954-002404      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.85172  
 Decimal Latitude: 33.85172      Decim Long(OSWCR): -117.25262  
 Decimal Longitude: -117.25262  
 Location: HWY 395, NANCE ST  
 Location(OSWCR): HWY 395, NANCE ST  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No: WCR1776-008847      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.85172  
 Decimal Latitude: 33.85172      Decim Long(OSWCR): -117.25262

## Wells and Additional Sources Detail Report

Decimal Longitude: -117.25262  
 Location: ROMONA, NEVADA, PATERSON, OLEANDER  
 Location(OSWCR): ROMONA, NEVADA, PATERSON, OLEANDER  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No: WCR1953-002068      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.85172  
 Decimal Latitude: 33.85172      Decim Long(OSWCR): -117.25262  
 Decimal Longitude: -117.25262  
 Location: MARKHAM ST  
 Location(OSWCR): MARKHAM ST  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No: WCR1948-001039      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.85172  
 Decimal Latitude: 33.85172      Decim Long(OSWCR): -117.25262  
 Decimal Longitude: -117.25262  
 Location: None  
 Location(OSWCR): None  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No: WCR1955-002447      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.85172  
 Decimal Latitude: 33.85172      Decim Long(OSWCR): -117.25262  
 Decimal Longitude: -117.25262  
 Location: None  
 Location(OSWCR): None  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
4	W	0.25	1,341.02	1,500.92	WATER WELLS



## Wells and Additional Sources Detail Report

WCR No:	WCR1947-001310	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85172
Decimal Latitude:	33.85172	Decim Long(OSWCR):	-117.25262
Decimal Longitude:	-117.25262		
Location:	OLEANDER		
Location(OSWCR):	OLEANDER		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No:	WCR1776-004433	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85172
Decimal Latitude:	33.85172	Decim Long(OSWCR):	-117.25262
Decimal Longitude:	-117.25262		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No:	WCR1947-001309	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85172
Decimal Latitude:	33.85172	Decim Long(OSWCR):	-117.25262
Decimal Longitude:	-117.25262		
Location:	OLEANDER		
Location(OSWCR):	OLEANDER		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No:	WCR1953-002070	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85172
Decimal Latitude:	33.85172	Decim Long(OSWCR):	-117.25262
Decimal Longitude:	-117.25262		
Location:	GOLDEN VALLEY FARM		

## Wells and Additional Sources Detail Report

Location(OSWCR): GOLDEN VALLEY FARM  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No:	WCR0109564	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85172
Decimal Latitude:	33.85172	Decim Long(OSWCR):	-117.25262
Decimal Longitude:	-117.25262		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No:	WCR2001-012183	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85172
Decimal Latitude:	33.85172	Decim Long(OSWCR):	-117.25262
Decimal Longitude:	-117.25262		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
4	W	0.25	1,341.02	1,500.92	WATER WELLS

WCR No:	WCR1954-001660	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85172
Decimal Latitude:	33.85172	Decim Long(OSWCR):	-117.25262
Decimal Longitude:	-117.25262		
Location:	NANCE ST		
Location(OSWCR):	NANCE ST		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
5	NE	0.35	1,858.80	1,475.54	WATER WELLS

## Wells and Additional Sources Detail Report

WCR No:	WCR2019-002676	City(OSWCR):	PERRIS
City:	PERRIS	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.855644
Decimal Latitude:	33.855644	Decim Long(OSWCR):	-117.242114
Decimal Longitude:	-117.242114		
Location:	775 HARLEY KNOX BLVD		
Location(OSWCR):	775 HARLEY KNOX BLVD		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	SE	0.46	2,445.48	1,473.67	WATER WELLS

WCR No:	WCR2019-011434	City(OSWCR):	Riverside
City:	Riverside	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.846157
Decimal Latitude:	33.846157	Decim Long(OSWCR):	-117.240502
Decimal Longitude:	-117.240502		
Location:	4040 E Brennan AVE		
Location(OSWCR):	4040 E Brennan AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	N	0.47	2,467.07	1,482.54	WATER WELLS

WCR No:	WCR2018-005201	City(OSWCR):	RIVERSIDE
City:	RIVERSIDE	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8585393
Decimal Latitude:	33.8585393	Decim Long(OSWCR):	-117.2476245
Decimal Longitude:	-117.2476245		
Location:	22498 VAN BUREN BLVD		
Location(OSWCR):	22498 VAN BUREN BLVD		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	NE	0.52	2,722.40	1,471.54	WATER WELLS

WCR No:	WCR2017-003710	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85653086
Decimal Latitude:	33.85653086	Decim Long(OSWCR):	-117.23918411
Decimal Longitude:	-117.23918411		
Location:	501 Harley Knox BLVD		
Location(OSWCR):	501 Harley Knox BLVD		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

# Wells and Additional Sources Detail Report

## Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1948-001482      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: PERRIS VALLEY, MARKHAM  
 Location(OSWCR): PERRIS VALLEY, MARKHAM  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1776-008828      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: WEBSTER AVE, PERRY ST  
 Location(OSWCR): WEBSTER AVE, PERRY ST  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1776-008824      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: PERRIS BLVD, MARKHAM  
 Location(OSWCR): PERRIS BLVD, MARKHAM  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR2010-009553      City(OSWCR): Perris  
 City: Perris      County(OSWCR): Riverside

## Wells and Additional Sources Detail Report

County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	750 Vance Street		
Location(OSWCR):	750 Vance Street		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR1951-002166	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	RIVERSIDE AVE, MARKAM ST		
Location(OSWCR):	RIVERSIDE AVE, MARKAM ST		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR1776-008827	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR1950-002053	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	NANCE, PERRIS BLVD, MARKHAM ST		
Location(OSWCR):	NANCE, PERRIS BLVD, MARKHAM ST		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		



## Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1948-001479      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: None  
 Location(OSWCR): None  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1776-008829      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: INDIAN, RAMONA EXPRESSWAY, MARTIN, PERRI  
 Location(OSWCR): INDIAN, RAMONA EXPRESSWAY, MARTIN, PERRI  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR0254090      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: None  
 Location(OSWCR): None  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR0298084      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495

## Wells and Additional Sources Detail Report

Decimal Longitude: -117.23495  
 Location: None  
 Location(OSWCR): None  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1948-001026      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: OLEANDER AVE, RIVERSIDE AVE  
 Location(OSWCR): OLEANDER AVE, RIVERSIDE AVE  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1950-002052      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: None  
 Location(OSWCR): None  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1949-000914      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: None  
 Location(OSWCR): None  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
11	E	0.64	3,383.76	1,466.63	WATER WELLS

## Wells and Additional Sources Detail Report

WCR No:	WCR1776-008825	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	INDIAN, NANCE		
Location(OSWCR):	INDIAN, NANCE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR1948-001025	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	PERRIS VALLEY		
Location(OSWCR):	PERRIS VALLEY		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR1947-001306	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR1950-002054	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	PERRIS BLVD, MARTIN RD		

# Wells and Additional Sources Detail Report

Location(OSWCR): PERRIS BLVD, MARTIN RD  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR1952-001745	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	MARTIN ST, PERRIS BLVD		
Location(OSWCR):	MARTIN ST, PERRIS BLVD		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR1994-013241	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	PERRY ST, INDIANA AVE		
Location(OSWCR):	PERRY ST, INDIANA AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR2005-013421	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	753 Nance Street		
Location(OSWCR):	753 Nance Street		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
11	E	0.64	3,383.76	1,466.63	WATER WELLS

## Wells and Additional Sources Detail Report

WCR No:	WCR1947-001305	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	MARKHAM		
Location(OSWCR):	MARKHAM		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR2012-011492	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	Markham Street & Perris Boulevard		
Location(OSWCR):	Markham Street & Perris Boulevard		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR2004-016526	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	Perry Street & Indian Avenue		
Location(OSWCR):	Perry Street & Indian Avenue		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR1952-001746	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	RAMONA EXPRESSWAY, PERRIS		
Location(OSWCR):	RAMONA EXPRESSWAY, PERRIS		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		



# Wells and Additional Sources Detail Report

## Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1776-008207      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: PERRIS BLVD, MARKHAM ST  
 Location(OSWCR): PERRIS BLVD, MARKHAM ST  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1994-010874      City(OSWCR): Perris  
 City: Perris      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: PERRY ST  
 Location(OSWCR): PERRY ST  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1994-013239      City(OSWCR): Perris  
 City: Perris      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: PERRY ST  
 Location(OSWCR): PERRY ST  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1776-008206      City(OSWCR): None  
 City: None      County(OSWCR): Riverside

## Wells and Additional Sources Detail Report

County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	PERRIS BLVD, MARKHAM ST		
Location(OSWCR):	PERRIS BLVD, MARKHAM ST		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR1776-004431	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	MARAHAM		
Location(OSWCR):	MARAHAM		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR1940-000266	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	Perris Bl, Markham Ave		
Location(OSWCR):	Perris Bl, Markham Ave		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR1940-000187	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	PERRIS BLVD, MARKHAM		
Location(OSWCR):	PERRIS BLVD, MARKHAM		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

## Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1947-001215      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: PERRIS VALLEY, MARKHAM  
 Location(OSWCR): PERRIS VALLEY, MARKHAM  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1948-001478      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: PERRIS VALLEY  
 Location(OSWCR): PERRIS VALLEY  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1776-008826      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: INDIAN, NANCE  
 Location(OSWCR): INDIAN, NANCE  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR2011-008483      City(OSWCR): Perris  
 City: Perris      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495

## Wells and Additional Sources Detail Report

Decimal Longitude: -117.23495  
 Location: 4378 Perris Boulevard  
 Location(OSWCR): 4378 Perris Boulevard  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR1952-001744      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: None  
 Location(OSWCR): None  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR2000-011867      City(OSWCR): Perris  
 City: Perris      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: March Air Force Base Bldg 3001  
 Location(OSWCR): March Air Force Base Bldg 3001  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No: WCR2000-011866      City(OSWCR): Perris  
 City: Perris      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.8517  
 Decimal Latitude: 33.8517      Decim Long(OSWCR): -117.23495  
 Decimal Longitude: -117.23495  
 Location: March Air Force Base Bldg 3002  
 Location(OSWCR): March Air Force Base Bldg 3002  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
11	E	0.64	3,383.76	1,466.63	WATER WELLS

## Wells and Additional Sources Detail Report

WCR No:	WCR2000-010937	City(OSWCR):	PERRIS
City:	PERRIS	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	INDIAN AVENUE		
Location(OSWCR):	INDIAN AVENUE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	E	0.64	3,383.76	1,466.63	WATER WELLS

WCR No:	WCR1978-007214	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.8517
Decimal Latitude:	33.8517	Decim Long(OSWCR):	-117.23495
Decimal Longitude:	-117.23495		
Location:	24315 Nance Street		
Location(OSWCR):	24315 Nance Street		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	NW	0.66	3,506.27	1,505.02	WATER WELLS

WCR No:	WCR2017-003658	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85920069
Decimal Latitude:	33.85920069	Decim Long(OSWCR):	-117.25553817
Decimal Longitude:	-117.25553817		
Location:	1340 W Oleander AVE		
Location(OSWCR):	1340 W Oleander AVE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	NW	0.71	3,761.00	1,507.76	WATER WELLS

WCR No:	WCR2017-000707	City(OSWCR):	Perris
City:	Perris	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.85953
Decimal Latitude:	33.85953	Decim Long(OSWCR):	-117.25637
Decimal Longitude:	-117.25637		
Location:	1350 Oleander AVE		



## Wells and Additional Sources Detail Report

Location(OSWCR): 1350 Oleander AVE  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
15	NW	0.75	3,941.21	1,513.43	WATER WELLS

WCR No: WCR2017-006264      City(OSWCR): Perris  
 City: Perris      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.85908  
 Decimal Latitude: 33.85908      Decim Long(OSWCR): -117.25777  
 Decimal Longitude: -117.25777  
 Location: 1452 W Oleander AVE  
 Location(OSWCR): 1452 W Oleander AVE  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
20	SSW	0.97	5,142.65	1,514.94	WATER WELLS

WCR No: WCR1955-001743      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.83735  
 Decimal Latitude: 33.83735      Decim Long(OSWCR): -117.25271  
 Decimal Longitude: -117.25271  
 Location: None  
 Location(OSWCR): None  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
20	SSW	0.97	5,142.65	1,514.94	WATER WELLS

WCR No: WCR1951-002176      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.83735  
 Decimal Latitude: 33.83735      Decim Long(OSWCR): -117.25271  
 Decimal Longitude: -117.25271  
 Location: None  
 Location(OSWCR): None  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
20	SSW	0.97	5,142.65	1,514.94	WATER WELLS

## Wells and Additional Sources Detail Report

WCR No:	WCR0317398	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.83735
Decimal Latitude:	33.83735	Decim Long(OSWCR):	-117.25271
Decimal Longitude:	-117.25271		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSW	0.97	5,142.65	1,514.94	WATER WELLS

WCR No:	WCR1951-002573	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.83735
Decimal Latitude:	33.83735	Decim Long(OSWCR):	-117.25271
Decimal Longitude:	-117.25271		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSW	0.97	5,142.65	1,514.94	WATER WELLS

WCR No:	WCR0172351	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.83735
Decimal Latitude:	33.83735	Decim Long(OSWCR):	-117.25271
Decimal Longitude:	-117.25271		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSW	0.97	5,142.65	1,514.94	WATER WELLS

WCR No:	WCR1955-001742	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.83735
Decimal Latitude:	33.83735	Decim Long(OSWCR):	-117.25271
Decimal Longitude:	-117.25271		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

# Wells and Additional Sources Detail Report

## Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSW	0.97	5,142.65	1,514.94	WATER WELLS

WCR No: WCR1952-002024      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.83735  
 Decimal Latitude: 33.83735      Decim Long(OSWCR): -117.25271  
 Decimal Longitude: -117.25271  
 Location: None  
 Location(OSWCR): None  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSW	0.97	5,142.65	1,514.94	WATER WELLS

WCR No: WCR1950-002068      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.83735  
 Decimal Latitude: 33.83735      Decim Long(OSWCR): -117.25271  
 Decimal Longitude: -117.25271  
 Location: None  
 Location(OSWCR): None  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSW	0.97	5,142.65	1,514.94	WATER WELLS

WCR No: WCR1952-001753      City(OSWCR): None  
 City: None      County(OSWCR): Riverside  
 County: Riverside      Decimal Lat(OSWCR): 33.83735  
 Decimal Latitude: 33.83735      Decim Long(OSWCR): -117.25271  
 Decimal Longitude: -117.25271  
 Location: CENTER  
 Location(OSWCR): CENTER  
 Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSW	0.97	5,142.65	1,514.94	WATER WELLS

WCR No: WCR1952-002023      City(OSWCR): None  
 City: None      County(OSWCR): Riverside

## Wells and Additional Sources Detail Report

County:	Riverside	Decimal Lat(OSWCR):	33.83735
Decimal Latitude:	33.83735	Decim Long(OSWCR):	-117.25271
Decimal Longitude:	-117.25271		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSW	0.97	5,142.65	1,514.94	WATER WELLS

WCR No:	WCR1987-012663	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.83735
Decimal Latitude:	33.83735	Decim Long(OSWCR):	-117.25271
Decimal Longitude:	-117.25271		
Location:	ALEXANDER		
Location(OSWCR):	ALEXANDER		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSW	0.97	5,142.65	1,514.94	WATER WELLS

WCR No:	WCR1950-002427	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.83735
Decimal Latitude:	33.83735	Decim Long(OSWCR):	-117.25271
Decimal Longitude:	-117.25271		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSW	0.97	5,142.65	1,514.94	WATER WELLS

WCR No:	WCR1952-001752	City(OSWCR):	None
City:	None	County(OSWCR):	Riverside
County:	Riverside	Decimal Lat(OSWCR):	33.83735
Decimal Latitude:	33.83735	Decim Long(OSWCR):	-117.25271
Decimal Longitude:	-117.25271		
Location:	None		
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

## Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *RIVERSIDE* County: **2**

*Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L*

*Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L*

*Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L*

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### Federal Area Radon Information for *RIVERSIDE* County

No Measures/Homes:	24
Geometric Mean:	0.3
Arithmetic Mean:	0.3
Median:	0.5
Standard Deviation:	0.8
Maximum:	1.7
% >4 pCi/L:	0
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of California conducted during 1989-90. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.



## **Federal Sources**

### **FEMA National Flood Hazard Layer**

**FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

### **Indoor Radon Data**

**INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

### **Public Water Systems Violations and Enforcement Data**

**PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

### **Radon Zone Level**

**RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

### **Safe Drinking Water Information System (SDWIS)**

**SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

### **Soil Survey Geographic database**

**SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

### **U.S. Fish & Wildlife Service Wetland Data**

**US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

### **USGS Current Topo**

**US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

### **USGS Geology**

**US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

### **USGS National Water Information System**

**FED USGS**

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

## **State Sources**

### **Oil and Gas Wells**

**OGW**

A list of Oil and Gas well locations. This is provided by California's Department of Conservation Division of

## Appendix

Oil, Gas and Geothermal Resources.

### **Periodic Groundwater Level Measurement Locations**

Locations of groundwater level monitoring wells in the Department of Water Resources (DWR)'s Periodic Groundwater Levels dataset. The DWR Periodic Groundwater Levels dataset contains seasonal and long-term groundwater level measurements collected by the Department of Water Resources and cooperating agencies.

**MONITOR WELLS**

### **Well Completion Reports**

List of wells from the Well Completion Reports data made available by the California Department of Water Resources' (DWR) Online System for Well Completion Reports (OSWCR). Please note that the majority of well completion reports have been spatially registered to the center of the 1x1 mile Public Land Survey System section that the well is located in.

**WATER WELLS**

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## **APPENDIX D: QUALIFICATIONS**

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Colin James Donohue  
Partner Associate



***Education***

B. A., History and Political Science, University of California, Irvine

***Registrations***

DHS Certified Lead Inspector/Risk Assessor

California AHERA-Certified Asbestos Building Inspector/Management planner

***Summary of Professional Experience***

Mr. Colin Donohue has six years of experience in the environmental consulting industry. He has significant experience in due diligence assessments for a variety of property types and the needs and requirements of varied number of reporting standards, including ASTM standards, EPA's All Appropriate Inquiry (AAI), and customized client formats. Specifically, Mr. Donohue has performed Phase I Environmental Site Assessments, Environmental Transaction Screens, Asbestos Surveys, and Lead-based Paint Surveys.

Mr. Colin Donohue is a Project Scientist with over six years of experience specializing in environmental site assessments for telecommunication clients. Mr. Donohue has performed Phase I Environmental Site Assessments (ESAs), and NEPA assessments, in a wide range of residential, commercial, and industrial settings throughout the United States. His duties included on-site visual inspections, public record searches, aerial photograph reviews, various map reviews, personal interviews, and preparation of technical reports. Mr. Donohue has also conducted asbestos-containing materials (ACM) surveys, which include collecting bulk samples, and conducted lead-based paint (LBP) surveys, which include using an x-ray fluorescence (XRF) analyzer and collecting both dust wipe and paint chip samples.

Mr. Donohue performed due diligence and compliance consulting for multiple wireless industry clients in the southern California, Arizona, Washington, Oklahoma, Illinois, Texas, Utah, Alabama, Nevada, Wisconsin, and Michigan markets, which included over 600 sites between 2006 and 2011. Due diligence and compliance consulting includes the performance of Environmental Site Assessments, NEPA Assessments, Asbestos, Lead-containing Materials surveys, and on-site Radio Frequency-Electro Magnetic Emmission monitoring. In addition to conducting field work and report writing, Mr. Donohue assisted other scientists in order to complete the projects efficiently and uniformly.

Finally, Mr. Donohue's diversity across residential, industrial, municipal, and commercial environments is a major contribution to Partner Engineering and Science's Associate team in the Western region of the United States.

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## Education

B.S., Environmental Engineering, Colorado State University  
M.S., Environmental Engineering, Colorado State University

## Registrations

Asbestos Containing Materials (ACM) Building Inspector, State of Colorado  
Lead Based Paint (LBP) Building Inspector, State of Colorado

## Training

40 hour OSHA Training, 2014  
8-hour OSHA Refresher, 2016

## Highlights

12 years of experience in Engineering consulting services  
12 years of experience as an Environmental Engineer  
6 years of acquisitions/dispositions and mortgage lending Property Condition Assessments  
Energy Audits  
Asbestos Inspections  
Phase I and II Environmental Site Assessments (ESA)

## Experience Summary

Mr. Lasker is a project assessor for Partner Engineering and Science, Inc. and is familiar with all aspects of due diligence property assessments and reporting standards, including Fannie Mae DUS and Freddie Mac HUD. He is especially knowledgeable on EPA's All Appropriate Inquiry and ASTM E1527-13 and has worked with diverse client groups with unique client-specific scopes of work and reporting requirements.

Mr. Lasker has conducted and managed hundreds of Phase I ESAs on multi-family properties, commercial office buildings, shopping centers, gasoline stations, hotels, dry cleaners, auto repair shops, agricultural land, telecommunication tower sites, service stations, and industrial facilities. He has completed over 20 Phase II ESA's to determine areas of concern including former industrial chemical storage areas, abandoned warehouses, gasoline stations and commercial retail strip malls.

Mr. Lasker has completed over two hundred PCA's on commercial retail sites, residential properties, high rise office buildings and office complexes, multi-family developments, government installations, shopping centers, fast food restaurant and industrial facilities.

In additions to these duties, Mr. Lasker has developed proficiency in conducting energy audits, benchmarking LEED-related services, water conservation and efficiency, and has regularly provided detailed reports within strict deadlines. He has completed over twenty ACM building inspections including limited and full building analysis and sample collection, radon testing, and mold sampling.

## Jeffrey Lasker, ACM/LBP

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Currently, Mr. Lasker is training to provide senior level PCA review support, conducts in-field Phase I ESAs, Phase II ESA's, transaction screens, PCAs and other product types, and is extensively involved in project completion, client communications, maintaining an emphasis on providing exemplary client service.

### Project Experience

*Warehouse Building, Denver, CO.* Mr. Lasker performed a licensed certified asbestos building inspection for a commercial industrial warehouse followed by documentation and oversight over a three-month period during the ACM abatement project.

*Industrial Property, Mobile, AL.* Mr. Lasker performed a Phase I Environmental Assessment for a large-scale 100-acre industrial steel fabrication facility.

*Sheraton Hotel, Downton Denver, CO.* Mr. Lasker performed a detailed equity level Property Condition Assessment and Phase I for the historic downtown Denver Sheraton Hotel buildings.

*High Rise Multifamily Building, Denver, CO.* Mr. Lasker performed an agency level Fannie qualified Property Condition Assessment for a 21-story County Club Towers apartment building.

*Municipal Office Building, Denver, CO.* Mr. Lasker performed a Property Condition Assessment and Phase I for the City of Denver Region 8 EPA headquarter building.

*Multi-Family Property, Lakewood, CO.* Mr. Lasker performed a Property Condition Assessment, Freddie Mac Green Up Energy Audit and Phase I for the 512 unit Ashford 88 multi-family apartment complex.

### Contact

jlasker@partneresi.com



## Education

B.S. Geological Sciences *with Honors*, California State University, Fullerton, California  
Graduate Course Work Geology and Hydrogeology, California State University, Los Angeles and Fullerton

## Registrations

California Professional Geologist, PG #7622  
California Certified Hydrogeologist, CHg #1075

## Highlights

Ms. Rosen is a Principal and Managing Director of Partner's Environmental Solutions practice, with 25 years of consulting experience and is responsible for completing environmental due diligence, site assessment, remediation, environmental litigation support/expert opinion/testimony, and environmental compliance related projects in both the public and private sectors. Project involvement includes sites related to, brownfield/infill property redevelopment, public municipality contract support, commercial and residential property transactions oil (terminals and pipelines), ports, manufacturing, and airline industries. Ms. Rosen has extensive experience in full service environmental consulting from due diligence, through designing, implementing and monitoring various remedial technologies. Ms. Rosen's expertise includes closure negotiations with regulatory agencies throughout the country, litigation support, deposition, and expert testimony; and an ability to identify, convey, and minimize environmental related risk for her clients.

## Experience

*Chemical Facility, Santa Ana, California* - Provide environmental litigation support for a property within the "South (groundwater) Basin" of Orange County. Serve as local liaison with Regional Water Quality Control Board and Department of Toxic Substances Control and provide third party review and technical input for remedial planning and execution documents.

*Orange County Transportation Authority (OCTA)* - Ms. Rosen served as Project Manager for the Placentia Avenue Grade Separation pre-excitation soil management planning. Ms. Rosen led the project team in conducting third party reviews of previous Phase I, Phase II and soil management plans and developing the approach for cost effective soil handling and RWQCB authorization for re-use.

*Confidential Environmental Attorney* - Work directly with environmental legal team supporting an environmental consultant undergoing mediation regarding standard of professional care met by consultant performing Phase I and Phase II assessments for a redevelopment project.

*Confidential Food Service Client* - Project manager for 10 property portfolios of properties located throughout California. Oversaw or completed all Phase I and Phase II ESAs associated with this property divestiture being completed by this nationwide food service company. Successfully completed the activities within budget and meeting schedule.

*CityView (Developer), Wilshire/Hobart, Los Angeles, California* - Served as the environmental consultant for this infill redevelopment project in Los Angeles, California. Prepared the initial Phase I ESA, follow up Phase II ESA, negotiated receipt of "No Further Action" letter from regulatory agency, developed Soil Management Plan, performed and managed excavation oversight and segregation of contaminated soils, and obtained 1166 VOC excavation permit from Air Quality Management District.

*JH Four Development* - Redevelopment project in Glendale, California. Provided 3<sup>rd</sup> party review of environmental investigations on behalf of property purchaser. Reviewed Phase I, Phase II, and Risk Assessment reports generated by former property owner's consultant and worked with Senior Health Risk Assessor to negotiate an unrestricted closure with the local regulatory agency. The former owner's consultant had received closure with a deed restriction for Industrial use only; with the re-negotiation and unrestricted closure, our team added potentially \$1MM to the property re-sale value for our client.

*Confidential Dry Cleaners, Glendale, California* - Performing litigation support services to Paladin Law Group for a confidential dry cleaner project that is currently in litigation. Performing document discovery review, data summaries and timeline preparation, and third-party review of investigation work plan.

*SJB Properties* - Serves as Senior Project Manager overseeing project during pre-acquisition due diligence, investigation and remedial planning. Performed Phase I and Phase II ESAs and worked with project engineer to develop best- and worst-case cost scenarios for site remediation.

*Alameda Corridor Transportation Authority (ACTA) Clean Truck Replacement Grant Program* - Ms. Rosen independently generated this lead, successfully mobilized the internal technical team, and drove the sale to its completion. This \$300K win was finalized within her first few months of employment with E2. Ms. Rosen served as Project/Client Manager for ACTA's Clean Truck Replacement Grant program and led the innovation of this project by facilitating the development of an automated, on-line grant application.

*Robertson's Ready Mix/Mitsubishi* - For 40+ concrete batch plants, Ms. Rosen performed due diligence related to a pending property sale. Ms. Rosen functioned as Project Manager for a 10-member team while completing plant inspections, coordinating permit compliance and historical environmental citations as well as evaluation of existing plant processes. This project was under expedited turn around guidelines and under her management, was successfully completed ahead of schedule and well under budget.

*Los Angeles International Airport (airline classified)* - Ms. Rosen served as the Project Geologist for the site that included a 22-acre free product plume with HVOC impacts to underlying groundwater as well as numerous other localized soil and groundwater plumes (jet-fuel, HVOC, and metals). Ms. Rosen was responsible for all aspects of subsurface investigation; delineation of contaminants; identification of sources; pilot testing and planning for a 250 recovery well installation program; oversight of field operations; data analysis and reporting of investigation results, and development and tracking of proposals and budgets. Ms. Rosen held the primary role in facilitating the development of the historical GIS/Key database which was subsequently used to create visual representations of HVOC impacts to groundwater and develop the conceptual site model. This effective data management and interpretation method led directly to the identification of off-site plume sources and a significant decrease in client's liability. The project required logistics with LAWA and airport security clearance for working on active taxi- and run-ways as well as extensive management between the airlines and LAWA and their respective attorneys. This project was highly sensitive due to the pending LAX airport expansion plan which was designed to add infrastructure in the free product recovery well field.

*Gasoline Station Portfolio* - Ms. Rosen served as technical design specialist for the development of a remedial approach and in- situ chemical injection program for remediation of petroleum hydrocarbon impacted groundwater at multiple gasoline station sites. Pre-remediation work included the evaluation of each site for possible risk-based closure and identification of data gaps that would impede effective implementation

of an in-situ remediation approach. Ms. Rosen was responsible for the overall success of the remediation program and facilitated regulatory approval, project implementation, and post injection data review including geochemical analysis and microbial assessments.

*Wind-Farm Project, Palm Desert, California* - Ms. Rosen served as the on-site inspector for a due diligence project and was the primary author of the report findings. The scope included on-site inspections of wind-farm infrastructure covering multiple square miles, a review of permitting and compliance documentation, previous Phase 1 Assessments for each operating parcel, and assessment of extensive Environmental Impact Reports focusing on potential harm to wildlife and impacts to local residents.

*Confidential Oil Company, Puente Hills, California* - Ms. Rosen functioned as Project Geologist performing field reconnaissance, mapping 2nd aerial photograph interpretation to verify the presence of geologic structures potentially controlling contaminant transport. She facilitated geochemical forensic evaluation of chemical data to evaluate potential source points and coordinated collation of historical analytical data for export to a 3-D computer model.

*Riverside Redevelopment Agency* - Ms. Rosen managed the Phase I and Phase II assessments for the planned re-use of a former gas station facility located in Riverside, CA. Technical aspects of the project included soil, soil vapor, and groundwater contaminant pathways and evaluation of each from a risk-based approach.

*BP/ARCO Terminals 2 and 3, Port of Long Beach, California* - As project manager, Ms. Rosen developed proposals, tracked budgets, and oversaw site investigation work in and around tank farms. She contributed to and managed the technical team developing the conceptual site model and plans for remediation. Site investigation and effective data management and interpretation led to the identification of specific zones of contaminant mass resulting in cost savings to the remedial design.

*BP/Hitco facility in Gardena, California* - Ms. Rosen completed all aspects of site investigation work related to a HVOC groundwater plume extending > 1 mile off-site. Investigation work was conducted on- and off-site and included drilling, soil sampling, well installation, hydropunch sampling, soil vapor sampling, cone penetrometer testing, and aquifer testing. Ms. Rosen was also responsible for oversight of the source area excavation which required Level B protective equipment and was conducted inside an existing building. The excavation was completed working 24 hours/day with two 12-hour shifts in order to minimize downtime to building operations.

### **Deposition and Expert Services**

2019, July 11 Hari Hara, LLC v. Heung Kyu Jang individually and dba One Hour Martinizing Cleaners; Team Enterprises, Inc.; Superior Court of the State of California – County of Los Angeles, North Valley District (deposed).

2021, February 19, United States District Court, Central District of California, Declaration of Suzi Rosen in Support of Plaintiffs' Opposition to Hussain M. Shaikh's Motion for Partial Summary Judgement, Case No.: 2:19-CV-02123-DMG-AGR, TC RICH, LLC, a California Limited Liability Company, Rifle Freight, Inc., a California corporation, Fleischer Custom Brokers, a sole proprietorship, Richard G. Fleischer, an individual, and Jacquelen Fleischer, an individual, Plaintiffs, v. Hussain M. Shaikh, an individual, Haroon Khan, an individual, and Shah Chemical Corporation, a California Corporation. Defendants.



## Suzi Rosen, PG, CHg

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2021, February 12 Expert Report, 132 W. 132<sup>nd</sup> Street, Los Angeles, CA 90061, Prepared for TC Rich, LLC Rifle Freight, Inc., Fleischer Customs Brokers, Richard G. Fleisher and Jacqueline Fleisher

2021, March 12 Rebuttal to Expert Report of Anthony Brown, Former Pacifica Chemical Site, United States District Court, Central District of California

2021 April Expert Testimony TC Rich, LLC v Shaikh, United States District Court, Central District of California

### **Affiliations**

Los Angeles County Bar Association (LACBA) Environmental Executive Committee Member  
CORE Environmental – Board of Director  
National Association of Industrial and Office Properties (NAIOP)  
Michigan Association of Environmental Professional  
Groundwater Resources Association (GRA) – Member  
National Groundwater Association (NGWA)

### **Speaking**

2020 EIA Annual Conference, Seattle, WA *Successful VOC Vapor Intrusion Mitigation via Floor Coating and Engineering Controls - Case Study and Lessons Learned*  
2019 IAQ Annual Meeting & Expo, West Palm Beach, FL *Successful VOC Vapor Intrusion Mitigation via Floor Coating and Engineering Controls - Case Study and Lessons Learned*  
2018, April - California Lawyers Association 37th Annual Real Property Law Section Retreat - San Francisco, California *Looking for "Buried Treasures" And Then Doing The Deal: The Latest Challenges And Tips in Developing, Selling, Buying and Leasing Contaminated Sites*  
2017 California Bar Association Environmental Symposium – Yosemite, California - *Looking for "Buried Treasures" And Then Doing The Deal: The Latest Challenges And Tips in Developing, Selling, Buying and Leasing Contaminated Sites*  
2016 Los Angeles County Bar Association Spring Symposium: *Managing the Complex Challenges of Regional Multi-Party Groundwater Plumes*  
2015 Parker Milliken Annual Environmental Law Symposium: *Finding Buried Treasure or Investigating Fool's Gold: Investigating and Remediating Properties before Making the Deal*  
2014 13<sup>th</sup> Annual Los Angeles County Bar Association Environmental Law Fall Symposium: *USTs and Chlorinated Solvents: Changes and Developments Impacting Cleanup Actions*  
2010 Annual AEHS Conference, San Diego, California: *Remediation of shallow groundwater plume near Puget Sound using Per carbonate based chemical oxidation*

### **Publications**

1998, *Sequence Stratigraphy of the Middle Ordovician Eureka Quartzite, southern Nevada-eastern California*: Abstracts with Programs, Geological Society of America v. 30 no. 5 p. 72

### **Contact**

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(949) 214-6470