



## PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

**APN: 0463-372-21-0000**

APN: 0463-372-21-0000  
Apple Valley, California 92307

**Report Date**

December 26, 2023

**Partner Project No.**

23-430676.1

**Prepared for:**

Loctek Inc.  
6475 Las Positas Road  
Livermore, California 944551



Building  
Science



Environmental  
Consulting



Construction &  
Development



Energy &  
Sustainability



December 26, 2023

Ms. Lori Wu  
Loctek Inc.  
6475 Las Positas Road  
Livermore, California 944551

Subject: Phase I Environmental Site Assessment  
APN: 0463-372-21-0000  
Apple Valley, California 92307  
Partner Project No. 23-430676.1

Dear Ms. Wu:

Partner Engineering and Science, Inc. (Partner) is pleased to provide this 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 E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and Client Agreement.

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 your trust in Partner and 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 310-765-7242

Sincerely,

**DRAFT**

Arcie Propster  
Relationship Manager

## EXECUTIVE SUMMARY

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 Practice E1527-21, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by Loctek Inc. for the property located at APN: 0463-372-21-0000 in Apple Valley, San Bernardino, California (the “subject property”). The Phase I Environmental Site Assessment is designed to provide Loctek Inc. 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 east side of Dakota Road, the north side of Fresno Road, and the south side of Gustine Street within a Undeveloped area of San Bernardino. Please refer to the table below for a further description of the subject property:

<i>Subject Property Data</i>	
<i>Address(es):</i>	APN: 0463-372-21-0000, Apple Valley, California
<i>Property Use:</i>	Unimproved Land
<i>Land Acreage (Ac):</i>	39.1 Ac
<i>Parcel Number:</i>	0463-372-21-0000
<i>Site Assessment Performed By:</i>	Nathaniel Grondin of Partner
<i>Site Assessment Conducted On:</i>	December 14, 2023
<i>Regulatory Radius Report Date:</i>	December 08, 2023
<i>Lien Search Date:</i>	N/A
<i>Report Date:</i>	December 26, 2023
<i>FOIAs Date:</i>	December 2023

The subject property consists of 39.1 acres of unimproved desert land. No operations are currently conducted at the subject property. No improvements were observed during Partner's site reconnaissance.

According to available historical sources, the subject property has consisted of undeveloped land from at least 1948 to the present day. The subject property has historically consisted of unimproved land. No current or former tenants were identified.

The adjoining properties are tabulated below:

<i>Adjoining Properties</i>	
<i>North:</i>	Gustine Street followed by unimproved land
<i>East:</i>	Unimproved land
<i>South:</i>	Fresno Road followed by unimproved land
<i>West:</i>	Dakota Road followed by unimproved land
<i>Southeast:</i>	Fresno Road followed by the Apple Valley Airport

Based on topographic map interpretation and a previous subsurface investigation conducted on a nearby property, the physical setting features of the subject property identify the terrain as sloping to the southwest with the depth to groundwater in the vicinity of the subject property inferred to be approximately 115 to 200 feet below ground surface (bgs). Groundwater is inferred to flow toward the southwest.

## **Findings and Opinions**

### ***Recognized Environmental Condition***

A recognized environmental condition (REC) refers to the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

- Partner did not identify any RECs during the course of this assessment.

### ***Controlled Recognized Environmental Condition***

A controlled recognized environmental condition (CREC) refers to a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, activity and use limitations or other property use limitations).

- Partner did not identify any CRECs during the course of this assessment.

### ***Historical Recognized Environmental Condition***

A historical recognized environmental condition (HREC) refers to a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations).

- Partner did not identify any HRECs during the course of this assessment.

### ***Business Environmental Risk***

A Business Environmental Risk (BER) is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice.

- Partner did not identify any BERs during the course of this assessment.

### ***Significant Data Gaps***

No significant data gaps affecting the ability of the Environmental Professional to identify a REC were encountered during this assessment.

## **Conclusions and Recommendations**

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of APN: 0463-372-21-0000 in Apple Valley, San Bernardino, 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 RECs, CRECs, HRECs, or BERs in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.



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- Appendix A:** Site Photographs  
**Appendix B:** Historical/Regulatory Documentation  
**Appendix C:** Regulatory Database Report  
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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 Practice E1527-21 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at APN: 0463-372-21-0000 in Apple Valley, San Bernardino, 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 E1527-21) 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 E1527-21 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 and to the extent necessary to achieve the goal of the requirements set forth in the ASTM Standard E1527-21. This assessment included: 1) a property and adjoining 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 to obtain readily ascertainable information to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched readily available information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-21, AULs include both legal (that is, institutional) and physical (that is, engineering) controls that may include 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, soil vapor, groundwater, or surface water 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, soil vapor, groundwater, and/or surface water on a 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. The conclusions and findings set forth in this report are strictly limited in time and scope 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 or the time and budgeting restraints imposed by the Client. No other warranties are implied or expressed.

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 the all appropriate inquiry provisions of the LLPs. Further, this report does not intend to address all of the compliance and 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. If specifically requested by the Client, these non-scope issues are discussed in Section 6.3.

### **1.4 User Reliance**

Loctek Inc. (herein referred to as Client) engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of Client. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

This report has been completed under specific Terms and Conditions relating to scope, relying parties, limitations of liability, indemnification, dispute resolution, and other factors relevant to any reliance on this report. Any parties relying on this report do so having accepted the Terms and Conditions for which this report was completed. A copy of Partner's standard Terms and Conditions can be found at <http://www.partneresi.com/terms-and-conditions.php>.

## **1.5 Limiting Conditions**

The findings and conclusions contain all the limitations inherent in these methodologies that are referred to in ASTM Practice E1527-21.

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

The performance of this ESA was not limited in any way. Partner was granted full and complete access to the subject property.

## 2.0 SITE DESCRIPTION

### 2.1 Site Location and Legal Description

The subject property at APN: 0463-372-21-0000 in Apple Valley, California is located on the east side of Dakota Road, the north side of Fresno Road, and the south side of Gustine Street. According to the San Bernardino County Assessor, the subject property is legally described as NW 1/4 SE 1/4 SEC 28 TP 6N R 3W EX ST. According to San Bernardino County Recorder, ownership is currently vested in DEAGUIAR FAMILY TRUST since 2021.

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 consists of 39.1 acres of unimproved desert land. No operations are currently conducted at the subject property. No improvements were observed during Partner's site reconnaissance.

The subject property is designated for "SP" for specific plan development by the City of Apple Valley.

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

### 2.3 Current Use of Adjoining Properties

The subject property is located within undeveloped area of San Bernardino. During the vicinity reconnaissance, Partner observed the land uses on adjoining properties as defined in ASTM Practice E1527-21 as any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them. The adjoining properties are tabulated below:

<b>Adjoining Properties</b>	
<b>North:</b>	Gustine Street followed by unimproved land
<b>East:</b>	Unimproved land
<b>South:</b>	Fresno Road followed by unimproved land
<b>West:</b>	Dakota Road followed by unimproved land
<b>Southeast:</b>	Fresno Road followed by the Apple Valley Airport

The adjoining property to the southeast was identified as a Leaking Underground Storage Tank (LUST), Delisted Storage Tank (Delisted TNK), San Bernardino County Certified Unified Program Agency (SANBEN CUPA), Historical Hazardous Substance Storage Information Database (HHSS), Toxic Pollutant Emissions Facilities (EMISSIONS), California Environmental Reporting System Tanks (CERS TANK), Historical Hazardous Substance Storage Container Information- Facility Summary (HIST TANK), Resource Conservation and Recovery Act Non Generator (RCRA NON GEN), Statewide Environmental Evaluation and Planning System Underground Storage Tank (SWEEPS UST), and PFAS Industry Sectors (PFAS IND) site in the regulatory database report of Section 4.2.

### 2.4 Physical Setting Sources

#### 2.4.1 Topography

The 2021 United States Geological Survey (USGS) Apple Valley North, 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 2980 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping gently towards the southwest.

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

### **2.4.2 Hydrology**

While under natural and undisturbed conditions shallow groundwater flow most frequently follows the topography of the land surface, natural or man-made features can affect flow direction, and the presumed flow may not match the actual flow directions at the subject property and vicinity. Topographic map interpretation suggests the direction of groundwater flow in the vicinity of the subject property is inferred to be toward the southwest.

According to a previous subsurface investigation conducted on a nearby property, the depth to groundwater in the vicinity of the subject property inferred to be approximately 115 to 200 feet bgs.

The nearest surface water in the vicinity of the subject property is (the) Bell Mountain Wash located approximately 2.75 miles northwest 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 Liberty Utilities serves the subject property vicinity. The source of public water for the Town of Apple Valley is groundwater obtained from approximately 18 deep groundwater wells located throughout Apple Valley. The wells draw water from the Alto Subunit of the Mojave groundwater basin.

### **2.4.3 Geology/Soils**

The subject property is located in the lower desert area of San Bernardino County. The lower desert is part of the Mojave Desert Geologic Province. Mojave Desert is a broad interior region of isolated mountain ranges separated by expanses of desert plains with interior enclosed drainage and playas. The desert is traversed by several major faults identified and running as the Garlock (southern boundaries of the Sierra Nevada) running northwest-southeast and the San Andreas Fault, east-west trend in alignment with the Transverse Ranges. The northern boundary of the Mojave is separated from the prominent Basin and Range by the eastern expansion of the Garlock Fault line.

Based on information obtained from the United States Department of Agriculture (USDA) Natural Resources Conservation Service Web Soil Survey online database, the subject property is mapped as Helendale-Bryman loamy sands. The Helendale-Bryman series consists of very deep and well drained soils that formed in linear, side slope, and backslope alluvial fan remnants derived from granite sources. The typical Helendale-Bryman profile is loamy sand at 0 to 6 inches, sandy loam at 6 to 30 inches, sandy loam at 30 to 66 inches, and loamy sand, sandy loam at 66 to 99 inches. Slopes range from 2 to 5 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 06071C5830H, dated August 28, 2008, the subject property appears to be located in Zone D; which are unstudied areas where flood hazards are undetermined, but flooding is possible. No mandatory flood insurance purchase requirements apply, but coverage is available in participating communities.

A copy of the reviewed flood map is 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>		
<i>Years</i>	<i>Resource</i>	<i>Description/Use</i>
<i>1948-Present</i>	Aerial Photographs, Topographic Maps	Unimproved Land

The subject property has historically consisted of unimproved land. No current or former tenants were identified.

No potential environmental concerns were identified in association with the current or former use of the subject property.

#### 3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Risk Information Services (ERIS) on December 08, 2023. The inferred uses of the subject property and adjoining properties as interpreted from the aerial photographs in Appendix B are tabulated below:

<i>Date:</i>	<i>1948</i>	<i>Scale:</i>	<i>1"=500'</i>
<i>Subject Property:</i>	Appears to be unimproved land		
<i>North:</i>	Appears to be unimproved land		
<i>East:</i>	Appears to be unimproved land		
<i>Southeast:</i>	Appears to be unimproved land with agricultural land and farm related outbuildings present further to the southeast.		
<i>South:</i>	Appears to be unimproved land		
<i>West:</i>	Appears to be unimproved land		

<i>Date:</i>	<i>1952, 1959, 1968</i>	<i>Scale:</i>	<i>1"=500'</i>
<i>Subject Property:</i>	No significant changes visible		
<i>North:</i>	Appears to be unimproved land across a road		
<i>East:</i>	No significant changes visible		
<i>Southeast:</i>	No significant changes visible		
<i>South:</i>	Appears to be developed with agricultural land. By 1959, a water tower appears to be present near the southern subject property boundary		
<i>West:</i>	No significant changes visible		

<i>Date:</i>	<i>1973, 1984</i>	<i>Scale:</i>	<i>1"=500'</i>
<i>Subject Property:</i>	No significant changes visible		
<i>North:</i>	No significant changes visible		
<i>East:</i>	No significant changes visible		
<i>Southeast:</i>	Appears to be developed with the Apple Valley Airport across a dirt road		
<i>South:</i>	Appears to be vacant with the exception of the water tower		

<b>Date:</b>	1973, 1984	<b>Scale:</b>	1"=500'
<b>West:</b>	No significant changes visible		

<b>Date:</b>	1994, 2002, 2005	<b>Scale:</b>	1"=500'
<b>Subject Property:</b>	No significant changes visible		
<b>North:</b>	No significant changes visible		
<b>East:</b>	No significant changes visible		
<b>Southeast:</b>	No significant changes visible		
<b>South:</b>	Appears to be graded land. The water tower is still visible		
<b>West:</b>	No significant changes visible		

<b>Date:</b>	2009, 2012, 2014, 2016, 2018, 2020, 2022	<b>Scale:</b>	1"=500'
<b>Subject Property:</b>	No significant changes visible		
<b>North:</b>	No significant changes visible		
<b>East:</b>	No significant changes visible		
<b>Southeast:</b>	No significant changes visible		
<b>South:</b>	No significant changes visible		
<b>West:</b>	No significant changes visible except that a paved road is present running from north to south along the western subject property boundary		

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

### 3.2 Fire Insurance Maps

Partner reviewed the collection of Fire insurance maps (FIMS) from ERIS on December 08, 2023. FIM coverage was not available for the subject property.

A copy of the no coverage letter is included in Appendix B of this report.

### 3.3 City Directories

Partner reviewed historical city directories obtained from ERIS on December 08, 2023 for past names and businesses that were listed for the subject property and adjoining properties. City directories were not identified for the subject property and vicinity.

No listings were identified for the subject property.

Based on the city directory review, no environmentally sensitive listings were identified for the adjoining 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 ERIS on December 08, 2023. The following inferred uses of the subject property and adjoining properties interpreted from topographic maps in Appendix B and are tabulated below:

<b>Date:</b>	<b>1957</b>
<b>Subject Property:</b>	Depicted as unimproved land
<b>North:</b>	Depicted as unimproved land across an unpaved road
<b>East:</b>	Depicted as unimproved land
<b>Southeast:</b>	Depicted as unimproved land
<b>South:</b>	Depicted as unimproved land
<b>West:</b>	Depicted as unimproved land

<b>Date:</b>	<b>1970, 1978</b>
<b>Subject Property:</b>	Depicted as unimproved land. An intermittent stream is depicted bisecting the central portion of the subject property
<b>North:</b>	No significant changes depicted
<b>East:</b>	No significant changes depicted. The Apple Valley County Airport is depicted further to the east
<b>Southeast:</b>	Appears to be developed as part of the Apple Valley County Airport.
<b>South:</b>	No significant changes depicted
<b>West:</b>	No significant changes depicted

<b>Date:</b>	<b>1993</b>
<b>Subject Property:</b>	No significant changes depicted
<b>North:</b>	No significant changes depicted
<b>East:</b>	No significant changes depicted
<b>Southeast:</b>	No significant changes depicted
<b>South:</b>	Depicted as developed with a water tank across an unpaved road
<b>West:</b>	No significant changes depicted

<b>Date:</b>	<b>2015, 2018, 2021</b>
<b>Subject Property:</b>	Improvements, with the exception of roadways and waterbodies, are not depicted
<b>North:</b>	Improvements, with the exception of roadways and waterbodies, are not depicted
<b>East:</b>	Improvements, with the exception of roadways and waterbodies, are not depicted
<b>Southeast:</b>	No significant changes depicted
<b>South:</b>	Improvements, with the exception of roadways and waterbodies, are not depicted
<b>West:</b>	Improvements, with the exception of roadways and waterbodies, are not depicted

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

## 4.0 REGULATORY RECORDS REVIEW

### 4.1 Regulatory Agencies

#### State Department

Regulatory Agency Data	
Name of Agency:	California Environmental Protection Agency (Cal/EPA)
Point of Contact:	<a href="https://siteportal.calepa.ca.gov/nsite/map/results">https://siteportal.calepa.ca.gov/nsite/map/results</a>
Agency Address:	1001 I Street, Sacramento, California 95814
Agency Phone Number:	(916) 255-1136
Date of Contact:	December 08, 2023
Method of Communication:	Online Research
<b>Summary of Communication:</b> 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 Cal/EPA.	

#### Fire Department

Regulatory Agency Data	
Name of Agency:	San Bernardino County Fire Protection District (SBCFPD)-Hazardous Materials Division (HMD)
Point of Contact:	Christina Rivera
Agency Address:	620 South E Street, San Bernardino, California 92415
Agency Phone Number:	(909) 386-8401
Date of Contact:	December 15, 2023
Method of Communication:	Email
<b>Summary of Communication:</b> 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 SBCFPD-HMD.	

#### Building Department

Regulatory Agency Data	
Name of Agency:	Apple Valley Building Department (AVBD)
Point of Contact:	Records Management
Agency Address:	14955 Dale Evans Parkway, Apple Valley, California 92307
Agency Phone Number:	(760) 240-7000
Date of Contact:	December 11, 2023
Method of Communication:	Online Research
<b>Summary of Communication:</b> No building permit records were identified for the subject property.	

## Planning Department

Regulatory Agency Data	
<b>Name of Agency:</b>	Apple Valley Building Department (AVBD)
<b>Point of Contact:</b>	<a href="http://www.applevalley.org/services/planning-division">http://www.applevalley.org/services/planning-division</a>
<b>Agency Address:</b>	14955 Dale Evans Parkway, Apple Valley, California 92307
<b>Agency Phone Number:</b>	(760) 240-7000
<b>Date of Contact:</b>	December 11, 2023
<b>Method of Communication:</b>	Online Research
<b>Summary of Communication:</b> According to records reviewed, the subject property is zoned for planned development by the Town of Apple Valley.	

## Oil & Gas Exploration

Regulatory Agency Data	
<b>Name of Agency:</b>	California Geologic Energy Management Division (CalGEM) Southern District
<b>Point of Contact:</b>	<a href="https://maps.conservation.ca.gov/doggr/wellfinder/#openModal">https://maps.conservation.ca.gov/doggr/wellfinder/#openModal</a>
<b>Agency Address:</b>	3780 Kilroy Airport Way, Suite 400, Long Beach, California 90806
<b>Agency Phone Number:</b>	(562) 637-4400
<b>Date of Contact:</b>	December 11, 2023
<b>Method of Communication:</b>	Online Research
<b>Summary of Communication:</b> According to DOGGR, no oil or gas wells are located on or adjoining to the subject property.	

## Assessor's Office

Regulatory Agency Data	
<b>Name of Agency:</b>	San Bernardino County Assessor (SBCA)
<b>Point of Contact:</b>	<a href="http://www.sbcounty.gov/assessor/pims">http://www.sbcounty.gov/assessor/pims</a>
<b>Agency Address:</b>	385 North Arrowhead Avenue, San Bernardino, California 92415
<b>Agency Phone Number:</b>	(888) 818-8988
<b>Date of Contact:</b>	December 11, 2023
<b>Method of Communication:</b>	Online Research
<b>Summary of Communication:</b> According to records reviewed, the subject property is identified by Assessor Parcel Number (APN) 0463-372-21-0000. The subject property is currently owned by Deaguiar Family Trust since 2021.	

## **Air Pollution Control Agency**

<b>Regulatory Agency Data</b>	
<b>Name of Agency:</b>	Mojave Desert Air Quality Management District (MDAQMD)
<b>Point of Contact:</b>	Records Admin
<b>Agency Address:</b>	14306 Park Avenue, Victorville, California 92392
<b>Agency Phone Number:</b>	(760) 245-1661,
<b>Date of Contact:</b>	December 11, 2023
<b>Method of Communication:</b>	Online Research
<b>Summary of Communication:</b> 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.	

## **Regional Water Quality Agency**

<b>Regulatory Agency Data</b>	
<b>Name of Agency:</b>	State Water Resources Control Board (SWRCB) Lahontan Regional Water Quality Control Board (RWQCB)
<b>Point of Contact:</b>	<a href="https://geotracker.waterboards.ca.gov">https://geotracker.waterboards.ca.gov</a>
<b>Agency Address:</b>	15095 Amargosa Road, Building 2, Suite 210, Victorville, California 92394
<b>Agency Phone Number:</b>	(760) 241-6583
<b>Date of Contact:</b>	December 11, 2023
<b>Method of Communication:</b>	Online Research
<b>Summary of Communication:</b> 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.	

## **Department of Toxic Substances Control**

<b>Regulatory Agency Data</b>	
<b>Name of Agency:</b>	California Department of Toxic Substances Control (DTSC)
<b>Point of Contact:</b>	<a href="https://hwts.dtsc.ca.gov/">https://hwts.dtsc.ca.gov/</a> <a href="https://www.envirostor.dtsc.ca.gov/public/">https://www.envirostor.dtsc.ca.gov/public/</a>
<b>Agency Address:</b>	5796 Corporate Avenue, Cypress, California 90630
<b>Agency Phone Number:</b>	(877) 786-9427
<b>Date of Contact:</b>	December 14, 2023
<b>Method of Communication:</b>	Online Research
<b>Summary of Communication:</b> 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.	

Copies of pertinent documents are included in Appendix B of this report.

## **4.2 Mapped Database Records Search**

The regulatory database report provided by ERIS documents the listing of sites identified on federal, state, county, city, and tribal (when applicable) standard source environmental databases within the approximate minimum search distance (AMSD) specified by ASTM Practice E1527-21. The data from these sources are

updated as these data are released and integrated into one database. The information contained in this report was compiled from publicly available sources.

The environmental database information is used to identify environmental concerns in connection with the subject property. The listings also serve to identify the known indications of the storage, use, generation, disposal, or release of hazardous substance at the subject property and the potential for contaminants to migrate onto the subject property from off-site sources in groundwater or soil in the form of liquids or vapor.

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

The following table lists the sites as categorized by the regulatory database within the prescribed AMSD. 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.

<b>Database Report Data</b>				
<b>Database</b>	<b>AMSD Radius (mile)</b>	<b>Listings Identified</b>		
		<b>Subject Property</b>	<b>Adjoining Properties</b>	<b>Surrounding Area Sites of Concern</b>
<i>Federal NPL</i>	1.00	N	N	N
<i>Delisted NPL Site</i>	0.50	N	N	N
<i>Federal SEMS Site</i>	0.50	N	N	N
<i>Federal SEMS-ARCHIVE</i>	0.50	N	N	N
<i>Federal RCRA CORRACTS Facility</i>	1.00	N	N	N
<i>Federal RCRA TSDF Facility</i>	0.50	N	N	N
<i>Federal RCRA Generators Site (LQG, SQG, VSQG, CESQG)</i>	Subject and Adjoining	N	Y	N
<i>Federal IC/EC Registries</i>	Subject Property	N	N	N
<i>Federal ERNS Site</i>	Subject Property	N	N	N
<i>State/Tribal Equivalent NPL</i>	1.00	N	N	N
<i>State/Tribal Equivalent CERCLIS</i>	1.00	N	N	N
<i>State/Tribal Landfill/Solid Waste Disposal Site</i>	0.50	N	N	N
<i>State/Tribal Leaking Storage Tank Site (LUST/LPST)</i>	0.50	N	Y	N
<i>State/Tribal Registered Storage Tank Sites (UST/AST)</i>	Subject and Adjoining	N	Y	N
<i>State/Tribal IC/EC Registries</i>	Subject and Adjoining	N	N	N
<i>State/Tribal Voluntary Cleanup Sites (VCP)</i>	0.50	N	N	N
<i>State/Tribal Spills</i>	0.25	N	N	N
<i>Federal Brownfield Sites</i>	0.50	N	N	N



<i>Database Report Data</i>				
<i>Database</i>	<b>AMSD Radius (mile)</b>	<b>Listings Identified</b>		
		<b>Subject Property</b>	<b>Adjoining Properties</b>	<b>Surrounding Area Sites of Concern</b>
<i>State Brownfield Sites</i>	0.50	N	N	N
<i>Miscellaneous</i>	Varies	N	Y	N

#### 4.2.2 Subject Property Listings

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

#### 4.2.3 Adjoining Property Listings

The adjoining property to the southeast was identified as a Leaking Underground Storage Tank (LUST), Delisted Storage Tank (Delisted TNK), San Bernardino County Certified Unified Program Agency (SANBEN CUPA), Historical Hazardous Substance Storage Information Database (HHSS), Toxic Pollutant Emissions Facilities (EMISSIONS), California Environmental Reporting System Tanks (CERS TANK), Historical Hazardous Substance Storage Container Information- Facility Summary (HIST TANK), Resource Conservation and Recovery Act Non Generator (RCRA NON GEN), Statewide Environmental Evaluation and Planning System Underground Storage Tank (SWEEPS UST), and PFAS Industry Sectors (PFAS IND) in the regulatory database report, as discussed below:

<i>Adjoining Property Database Listing</i>	
<b>Property Name:</b>	Aztec Aviation, Inc / Apple Valley Airport / SBCO - Apple Valley Airport / Mag Aviation Fuel APV / SBCO Department of Airports / Aztec Aviation Company / Aztec Aviation CO/AV Airport
<b>Address:</b>	21600 Corwin Road
<b>Direction:</b>	East-southeast
<b>Hydrological Gradient:</b>	Up-Gradient, Cross-Gradient
<b>Database Listing:</b>	DELISTED TNK, SANBEN CUPA, LUST, HHSS, EMISSIONS, CERS TANK, HIST TANK, RCRA NON GEN, SWEEPS UST, PFAS IND
<b>Status:</b>	Closed
<b>Discussion:</b>	Apple Valley Airport is listed on the SanBern CUPA and CERS Tank database as an active permitted hazardous material handler, small quantity hazardous waste generator, industrial facility with stormwater permits, and an aboveground petroleum storage site. A UST Sweeps, HHSS, and HIST Tank database listing identify Apple Valley Airport with four registered USTs from as early as 1970. The registered 1970 UST inventory includes two 12,000-gallon aviation gasoline tanks, one 12,000-gallon jet aviation gasoline tank, and one 4,000-gallon regular unleaded gasoline tank. The four aforementioned tanks are identified as inactive on the regulatory database. Mag Aviation Fuel is listed on the RCRA-NonGen database as a non-generator in 2013. No violations were noted on the RCRA database. The EMISSIONS database lists Mag Aviation Fuel and SBCO-Apple Valley Airport as South Coast AQMD permitted facilities generating total organic hydrocarbon gases, reactive organic gases, carbon monoxide emissions, oxides of nitrogen, oxides of Sulphur, and particulate matter between 2013 and 2019. Aztec is listed on the SanBern CUPA database as an inactive hazardous material handler (associated to UST), inactive hazardous waste generator (associated to UST), and with three inactive USTs. Aztec is listed on the UST Sweeps database with three

active tanks including two 12,000-gallon aviation gasoline tanks and one 12,000-gallon jet aviation gasoline tank. Aztec is listed with one inactive 1,000-gallon aviation gasoline tank which was reportedly removed in 1992. The LUST and CERS database identify Aztec with a release of aviation gasoline, benzene, toluene, ethylbenzene, and xylenes (BTEX) which reportedly impacted soil only. The release was encountered during dispenser and piping upgrades in July 2004. Groundwater was not encountered and was estimated to be approximately 115 to 200 feet bgs. Partner reviewed available SBCFD-HMD records which state that one UST was removed from this facility on August 14, 2004. Highest concentrations of TPH and BTEX were near dispensers D-1, D-2, and piping junction P-1. In order to determine the vertical and lateral impact, conformation soil samples were collected at five-foot intervals up to 35-feet bgs. No additional TPH, BTEX, or MTBE concentrations were detected. Lead was detected in two samples at 6.9 and 8.3 milligrams per kilograms (mg/kg), below the California Human Health Screening Level for residential soils of 150 mg/kg. As a result the SBCFD-HMD issued a Remedial Action Completion Certification letter to Aztec Aviation on October 15, 2010. Based on the continued regulatory permitted oversight, regulatory status, depth to groundwater, and inferred direction of groundwater flow, this site is not expected to represent a significant environmental concern.

Based on the findings, vapor migration is not considered an environmental concern at this time.

#### ***4.2.4 Surrounding Area Listings of Concern to Subject Property***

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

Based on the findings, vapor migration is not considered an environmental concern at this time.

#### ***4.2.5 Unplottable Listings***

No unplottable listings of concern are identified in the regulatory database report.

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 Practice E1527-21, Partner requested the following site information from Loctek Inc. (User of this report).

<b>User Responsibilities</b>		
<b>Item</b>	<b>Provided By User</b>	<b>Not Provided By User</b>
<b>AAI User Questionnaire</b>		X
<b>Title Records, Environmental Liens, and AULs</b>		X
<b>Specialized Knowledge</b>		X
<b>Actual Knowledge</b>		X
<b>Valuation Reduction for Environmental Issues</b>		X
<b>Identification of Key Site Manager</b>	Section 5.2.3	
<b>Reason for Performing Phase 1 ESA</b>	Section 1.1	
<b>Prior Environmental Reports</b>		X
<b>Other</b>		X

### 5.1 Interviews

#### 5.1.1 Interview with Owner

The owner of the subject property 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. Because the Report User (Client) is a lender, it is understood that the Report User would not have knowledge of the property that would significantly impact our ability to satisfy the objectives of this assessment. The lack of this information is not considered to represent a significant data gap.

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

A key site manager was not provided to be interviewed at the time of this assessment.

### ***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.

## **5.2 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.

### ***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

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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:

<i>Site Assessment Data</i>	
<i>Site Assessment Performed By:</i>	Nathaniel Grondin
<i>Site Assessment Conducted On:</i>	December 14, 2023

Partner was unaccompanied during the site reconnaissance.

No potential environmental concerns were identified during the onsite reconnaissance.

### 6.1 General Site Characteristics

#### 6.1.1 Solid Waste Disposal

Solid waste is not currently generated onsite. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

#### 6.1.2 Sewage Discharge and Disposal

No wastewater treatment facilities were observed or reported on the subject property. No septic systems were observed or reported on the subject property.

#### 6.1.3 Stormwater and Surface Water Drainage

Stormwater is removed from the property primarily due to ground infiltration. No drywells were identified on the subject property.

#### 6.1.4 Source of Heating and Cooling

Based on the lack of onsite structures, no heating or cooling sources were observed onsite.

#### 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 is not generated at the subject property. No industrial processes are currently performed at the subject property.

#### 6.1.7 Septic Systems

No septic systems were observed or reported on the subject property.

#### 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 Site

No hazardous substances or petroleum products were observed on the subject property during the site reconnaissance.

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

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

### **6.2.3 Evidence of Releases**

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

### **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).

Based on the lack of onsite structures, ACMs were not considered within the scope of this assessment.

### **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 µg/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.

Due to the lack of onsite structures, LBP was not considered within the scope of this assessment.

### **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:

<b>EPA Radon Zones</b>		
<b>EPA Zones</b>	<b>Average Predicted Radon Levels</b>	<b>Potential</b>
<b>Zone 1</b>	Exceed 4.0 pCi/L	Highest
<b>Zone 2</b>	Between 2.0 and 4.0 pCi/L	Moderate
<b>Zone 3</b>	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.

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 an environmental concern.

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

According to available information, a public water system operated by the Liberty Utilities serves the subject property vicinity. The source of public water for the Town of Apple Valley is groundwater obtained from approximately 18 deep groundwater wells located throughout Apple Valley. The wells draw water from the Alto Subunit of the Mojave groundwater basin. According to the 2022 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).

Based on the lack of onsite structures, mold growth and water damage were not considered within the scope of this assessment.

### **6.3.6 Wetlands**

The subject property does not appear to be a designated wetland area; however, two riverine habitats appear to bisect the western and southeastern portions. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment. Based on information obtained from the United States Fish and Wildlife Service; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.



## **6.4 Adjoining Property Reconnaissance**

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

### ***6.4.1 Hazardous Substances and Petroleum Products Used or Stored at the Site***

No hazardous substances or petroleum products were observed on adjoining properties during the limited adjoining property reconnaissance.

### ***6.4.2 ASTs/USTs for Hazardous Substances or Petroleum Products***

No ASTs or USTs for hazardous substances/petroleum products were observed on adjoining properties during the limited adjoining property reconnaissance.

### ***6.4.3 Evidence of Releases***

No evidence of a release was observed on adjoining properties during the limited adjoining property reconnaissance.

### ***6.4.4 PCBs***

No PCB containing materials were observed on adjoining properties during the limited adjoining property reconnaissance.

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

No strong, pungent, or noxious odors were observed on adjoining properties during the limited adjoining property reconnaissance.

### ***6.4.6 Pools of Liquid***

No pools of liquid were observed on adjoining properties during the limited adjoining property reconnaissance.

### ***6.4.7 Drains, Sumps, and Clarifiers***

No drains, sumps, or clarifiers were observed on adjoining properties during the limited adjoining property reconnaissance.

### ***6.4.8 Pits, Ponds, and Lagoons***

No pits, ponds, or lagoons were observed on adjoining properties during the limited adjoining property reconnaissance.

### ***6.4.9 Stressed Vegetation***

No stressed vegetation was observed on adjoining properties during the limited adjoining property reconnaissance.

### ***6.4.10 Additional Potential Environmental Hazards***

No additional environmental hazards were observed on adjoining properties during the limited adjoining property reconnaissance.

## 7.0 VAPOR ENCROACHMENT CONDITIONS

Partner conducted a limited non-intrusive vapor screening on the subject property to identify, to the extent feasible, the potential for vapor encroachment conditions (VECs) in connection with the subject property. This included consideration of chemicals of concern (COC) that may migrate as vapors into the subsurface of the subject property as a result of contaminated soil and groundwater on or near the property.

This screening utilized readily available data sources previously discussed in this Phase I ESA that includes:

- the physical setting of the subject property (Section 2.4),
- standard historical sources for the subject property, adjoining, and surrounding area (Section 3.0),
- known or potentially contaminated sites as identified from information from regulatory agencies and sites on Federal, State, tribal and local databases (Section 4.0), and
- information from the site reconnaissance (Section 6.0) of the subject property and observations of the surrounding properties.

The results of our data collection, reconnaissance, and analysis are tabulated below:

<b><i>Potential for Vapor Encroachment to Impact the Subject Property</i></b>	
<b><i>Area of Concern</i></b>	<b><i>Likely or Known VEC to Subject Property</i></b>
<b><i>Subject Property Existing Operations or Conditions</i></b>	None identified that impact the subject property.
<b><i>Historical Uses of the Subject Property</i></b>	None identified that impact the subject property.
<b><i>Adjoining Property Operations or Existing Conditions</i></b>	None identified that impact the subject property.
<b><i>Historical Uses of Adjoining Properties or Nearby Properties</i></b>	None identified that impact the subject property.
<b><i>Regulatory Review of sites identified on Federal, State, tribal and Local Environmental Databases which were located in the AMSD</i></b>	None identified that impact the subject property.

Based on the findings of the limited non-intrusive vapor screening, vapor intrusion is unlikely to be an issue of concern in connection with the existing structures on the subject property. As such, no further assessment is recommended.

## 8.0 FINDINGS AND CONCLUSIONS

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### Findings and Opinions

#### ***Recognized Environmental Condition***

A recognized environmental condition (REC) refers to the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment.

- Partner did not identify any RECs during the course of this assessment.

#### ***Controlled Recognized Environmental Condition***

A controlled recognized environmental condition (CREC) refers to a REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, activity and use limitations or other property use limitations).

- Partner did not identify any CRECs during the course of this assessment.

#### ***Historical Recognized Environmental Condition***

A historical recognized environmental condition (HREC) refers to a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations).

- Partner did not identify any HRECs during the course of this assessment.

#### ***Business Environmental Risk***

A Business Environmental Risk (BER) is a risk which can have a material environmental or environmentally driven impact on the business associated with the current or planned use of commercial real estate, not necessarily related to those environmental issues required to be investigated in this practice.

- Partner did not identify any BERs during the course of this assessment.

#### ***Significant Data Gaps***

No significant data gaps affecting the ability of the Environmental Professional to identify a REC were encountered during this assessment.

#### **Conclusions and Recommendations**

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of APN: 0463-372-21-0000 in Apple Valley, San Bernardino, 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 RECs, CRECs, HRECs, or BERs in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

## 9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

---

Partner has performed a Phase I Environmental Site Assessment of the property located at APN: 0463-372-21-0000 in Apple Valley, San Bernardino, 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:

**DRAFT**

Nathaniel Grondin  
Environmental Professional

Reviewed By:

**DRAFT**

Lyly Churchill, MA  
Project Manager

## 10.0 REFERENCES

---

### Reference Documents

American Society for Testing and Materials, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation: E1527-21.

Environmental Risk Information Services (ERIS), Radius Report, December 2023

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via internet, December 2023

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, December 2023

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, December 2023

United States Fish and Wildlife Service, National Wetlands Inventory, accessed via the internet, December 2023

United States Geological Survey, accessed via the Internet, December 2023

United States Geological Survey Topographic Map 2021, 7.5-minute series, accessed via internet, December 2023

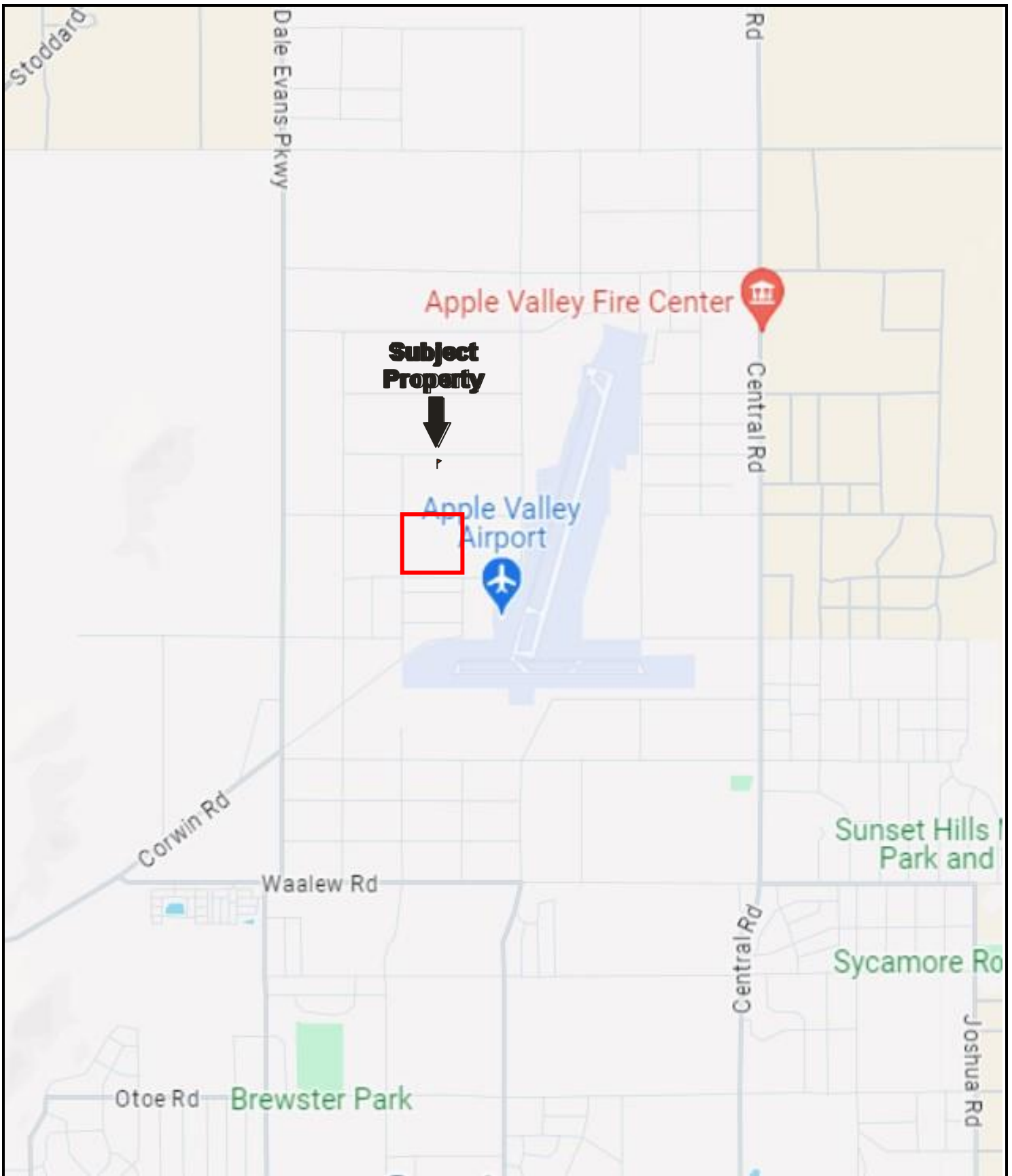
## **FIGURES**

---

**1: Site Location Map**

**2: Site Plan**

**3: Topographic Map**



Drawing Not To Scale

KEY:  
Subject Property 

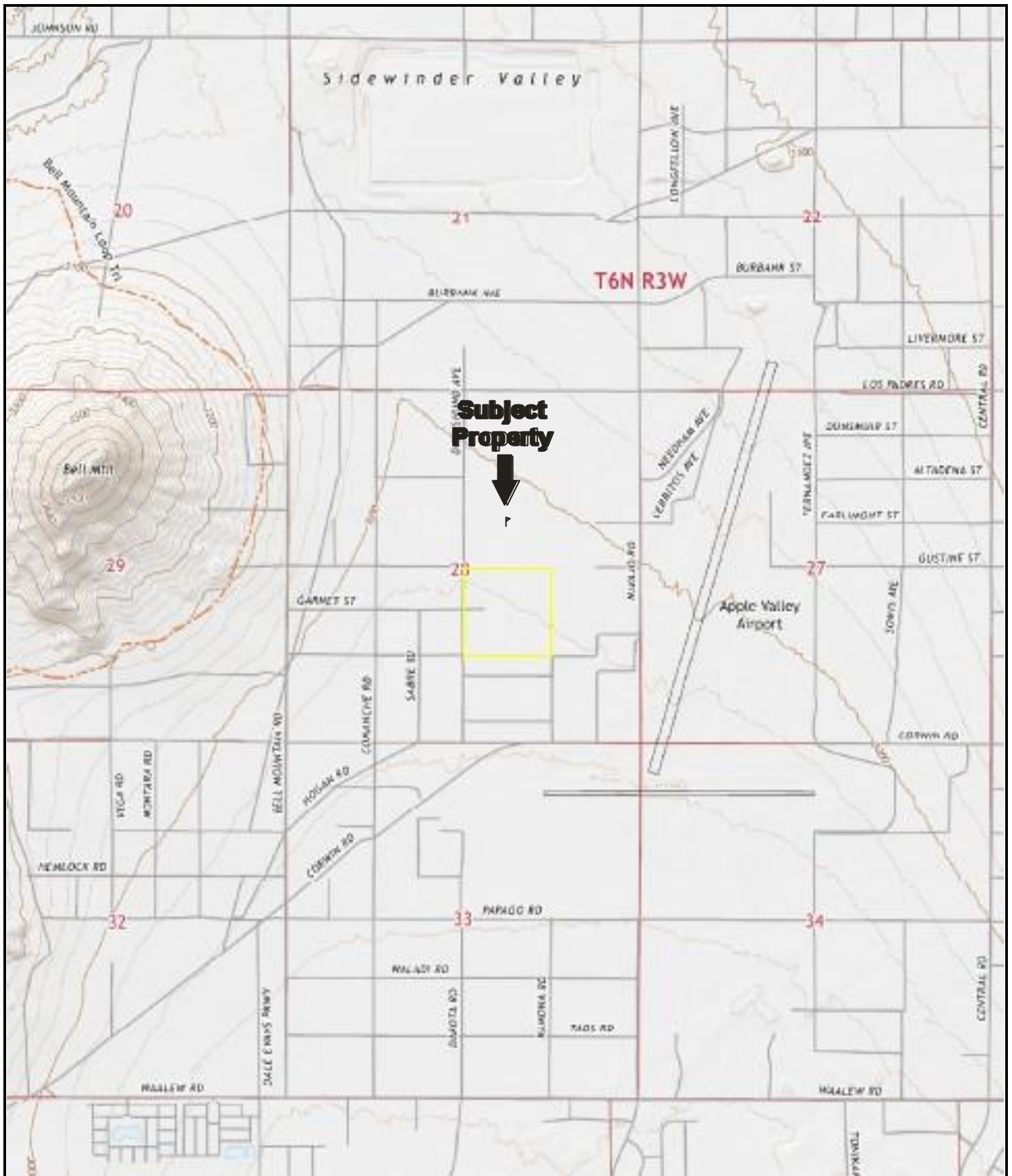
**FIGURE 1: SITE LOCATION MAP**  
Project No. 23-430676.1





KEY:  
Subject Property 

**FIGURE 2: SITE PLAN**  
Project No. 23-430676.1



USGS 7.5-Minute Apple Valley North, California Quadrangle  
Created: 2021

KEY:  
Subject Property 

**FIGURE 3: TOPOGRAPHIC MAP**  
Project No. 23-430676.1

## APPENDIX A: SITE PHOTOGRAPHS

---





1. Southern property boundary view to the east



2. Central portion of the subject property view to the north



3. Southeastern portion of the subject property view to the northwest



4. Eastern boundary of the subject property view to the north



5. Central portion of the subject property view to the west



6. Northern boundary of the subject property view to the west





7. Central portion of the subject property view to the south

8. Debris pile on the north central portion of the subject property



9. Western boundary of the subject property view to the south

10. Adjoining property to the north of the subject property



11. Adjoining property to the east of the subject property

12. Adjoining property to the south/southeast of the subject property





13. Adjoining property to the south of the subject property

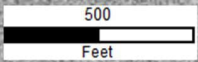


14. Adjoining property to the west of the subject property

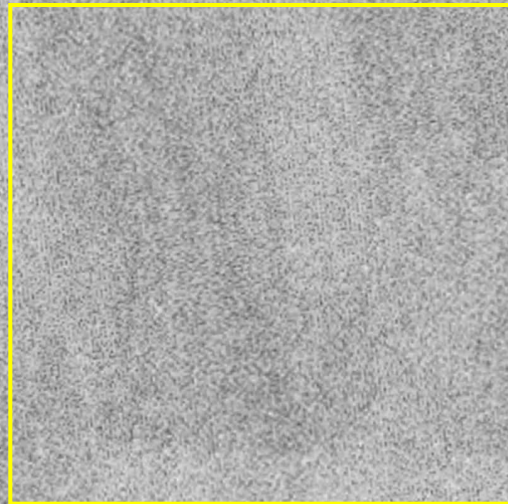
## **APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION**

---





**Subject  
Property**



Year: 1948  
Source: USAF  
Scale: 1" = 500'  
Comment: Best Copy Available

Address: APN: 0463-372-21-0000, APPLE VALLEY, CA  
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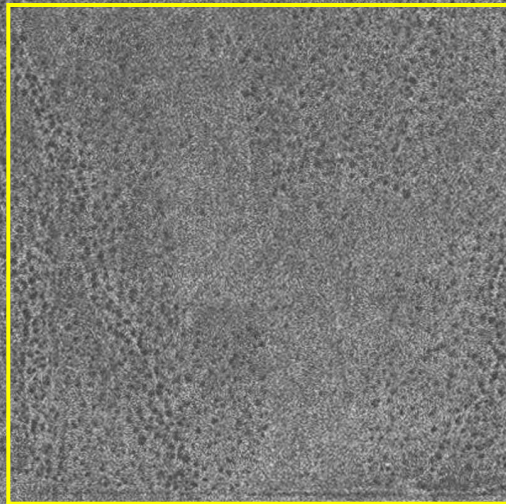
Order No: 23120700365

**PARTNER**



500  
Feet

**Subject  
Property**



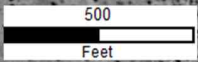
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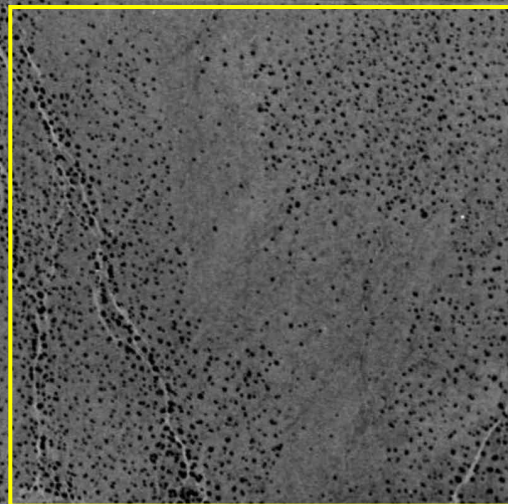
Order No: 23120700365

**PARTNER**





**Subject  
Property**



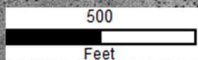
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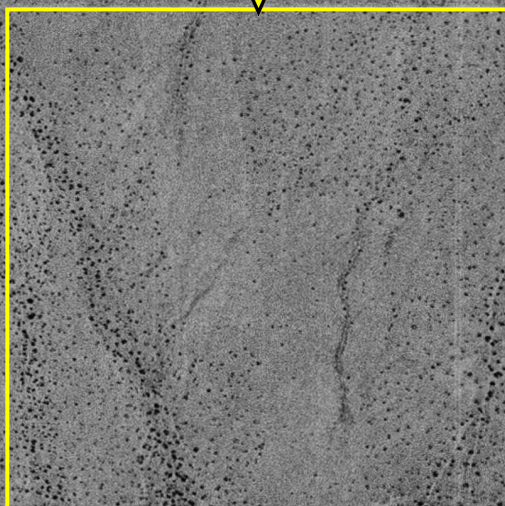
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**PARTNER**





**Subject  
Property**



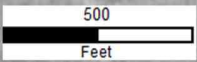
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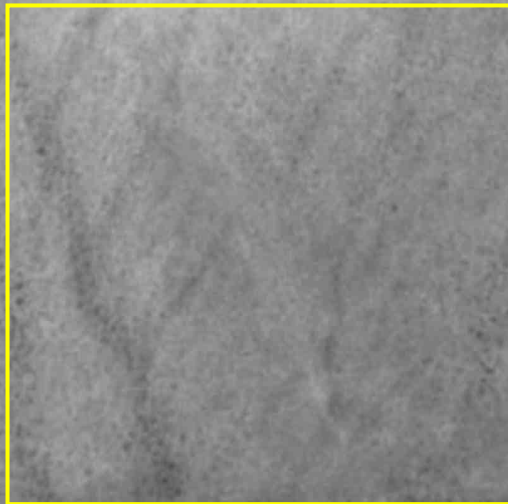
Order No: 23120700365

**PARTNER**





**Subject  
Property**



Year: 1973  
Source: NASA  
Scale: 1" = 500'  
Comment:

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Approx Center: -117.19589186,34.5770938

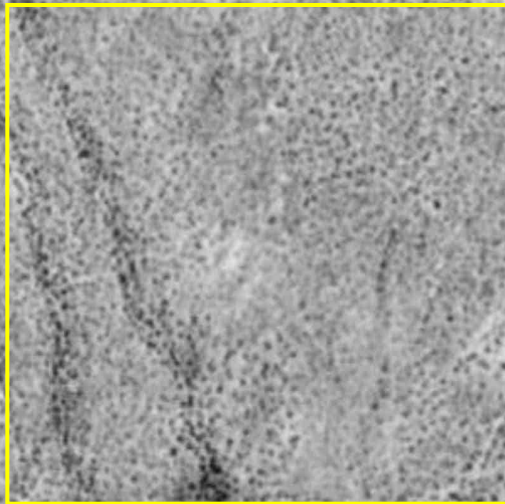
Order No: 23120700365

**PARTNER**



500  
Feet

**Subject  
Property**



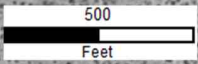
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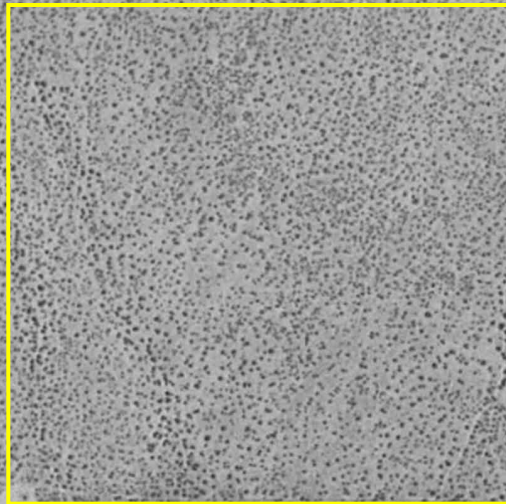
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**PARTNER**





**Subject  
Property**



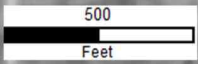
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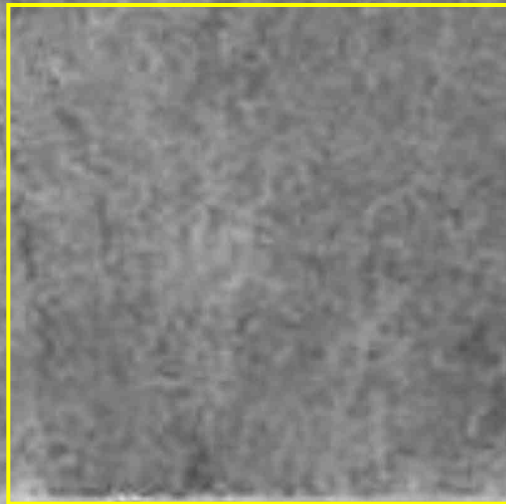
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**PARTNER**





**Subject  
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Order No: 23120700365

**PARTNER**



500  
Feet

**Subject  
Property**



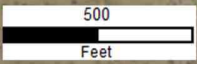
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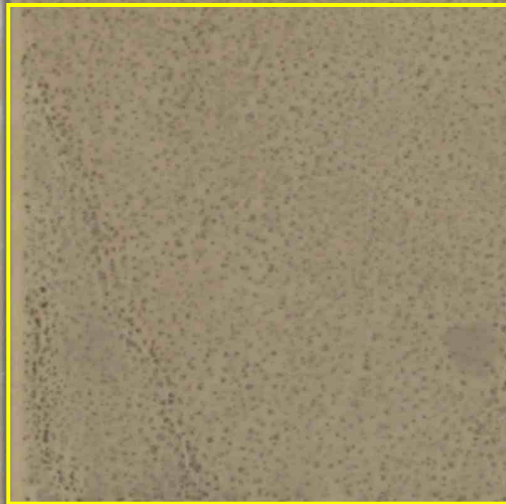
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**PARTNER**





**Subject  
Property**



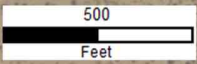
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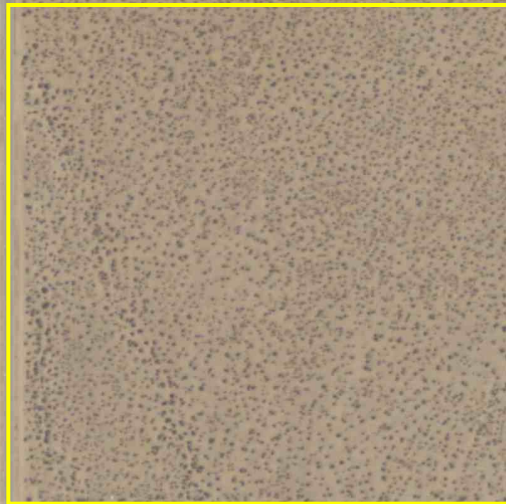
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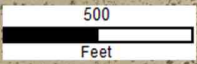
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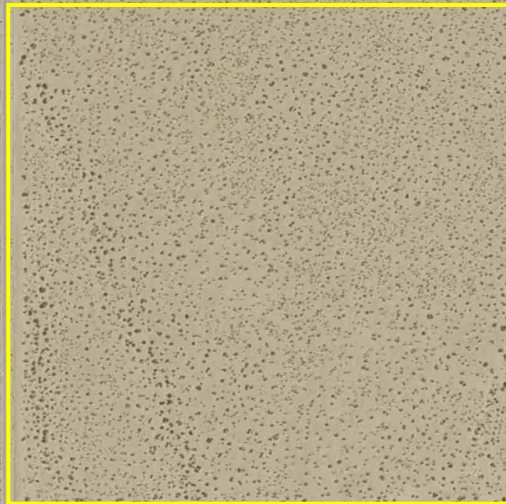
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**PARTNER**





**Subject  
Property**



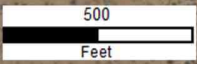
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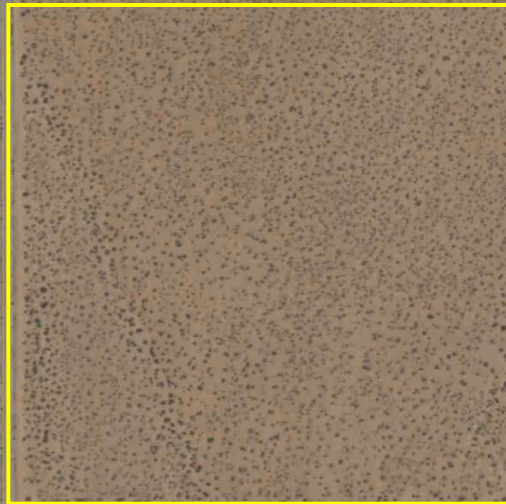
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**PARTNER**





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Property**



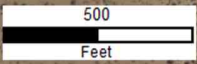
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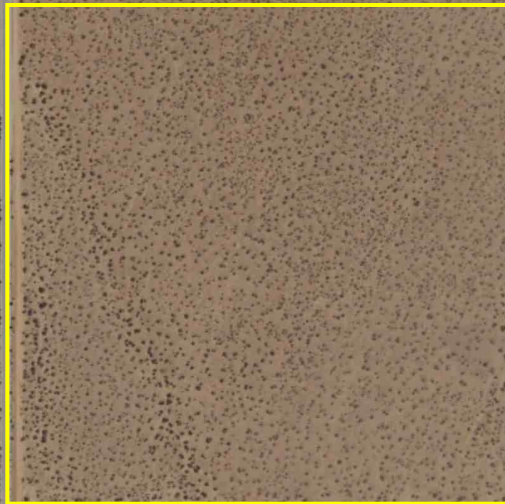
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**PARTNER**





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Property**



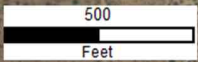
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Order No: 23120700365

**PARTNER**





**Subject  
Property**



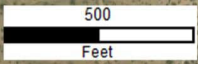
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Order No: 23120700365

**PARTNER**





**Subject  
Property**



Year: 2022  
Source: MAXAR  
Scale: 1" = 500'  
Comment:

Address: APN: 0463-372-21-0000, APPLE VALLEY, CA  
Approx Center: -117.19589186,34.5770938

Order No: 23120700365

**PARTNER**





# FIRE INSURANCE MAPS

**Project Property:** APN: 0463-372-21-0000  
APN: 0463-372-21-0000  
APPLE VALLEY CA 92307

**Project No:** 23-430676.1

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

**Order No:** 23120700365

**Date Completed:** December 07, 2023

---

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





---

# CITY DIRECTORY

**Project Property:**     *APN: 0463-372-21-0000*  
                                 *APN: 0463-372-21-0000*  
                                 *APPLE VALLEY, CA 92307*

**Project No:**             *23-430676.1*

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

**Order No:**             *23120700365*

**Date Completed:**     *December 13, 2023*

## Environmental Risk Information Services

*A division of Glacier Media Inc.*

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)

December 13, 2023  
RE: CITY DIRECTORY RESEARCH  
APN: 0463-372-21-0000  
APPLE VALLEY, CA 92307

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:**

15600-END of Dakota Rd  
ALL of Fresno Rd  
ALL of Gustine St

**Search Notes:**

## Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2001	HAINES	
1996	HAINES	
1990	HAINES	
1987	HAINES	
1982	HAINES	
1977	HAINES	
1971	HAINES	
1964	LUSKEYS	

### Environmental Risk Information Services

*A division of Glacier Media Inc.*

1.866.517.5204 | [info@erisinfo.com](mailto:info@erisinfo.com) | [erisinfo.com](http://erisinfo.com)

15595

SHEILA ANDERSON...RESIDENTIAL

15620

LORI VALDEZ...RESIDENTIAL

15620

ROBERT MACK...RESIDENTIAL

NO LISTING FOUND

22425

CARY ADABIE...RESIDENTIAL

22473

BARBARA SHILLING...RESIDENTIAL

22473

DOUGLAS SHILLING...RESIDENTIAL

15595

SHEILA ANDERSON...RESIDENTIAL

15620

LORI MACK...RESIDENTIAL

15620

LORI VALDEZ...RESIDENTIAL

NO LISTING FOUND

22425

CARY ADABIE...RESIDENTIAL

22473

AMBER SHILLING...RESIDENTIAL

15595

SHEILA ANDERSON...RESIDENTIAL

15620

LORI MACK...RESIDENTIAL

15620

LORI VALDEZ...RESIDENTIAL

15620

ROBERT MACK...RESIDENTIAL

NO LISTING FOUND

22425

CARY ADABIE...RESIDENTIAL

15620

DONNIE MOORE...RESIDENTIAL

15620

LORI MACK...RESIDENTIAL



NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

NO LISTING FOUND

RANGE NOT LISTED

STREET NOT LISTED

STREET NOT LISTED

RANGE NOT LISTED

STREET NOT LISTED

STREET NOT LISTED

15570

SCHWARTZ ROBERT

15620

GIBSON CALVIN T

STREET NOT LISTED



STREET NOT LISTED

15595 HAYS JACK

15620 ASHTON MICHAEL E

STREET NOT LISTED

STREET NOT LISTED

RANGE NOT LISTED

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STREET NOT LISTED

RANGE NOT LISTED

STREET NOT LISTED

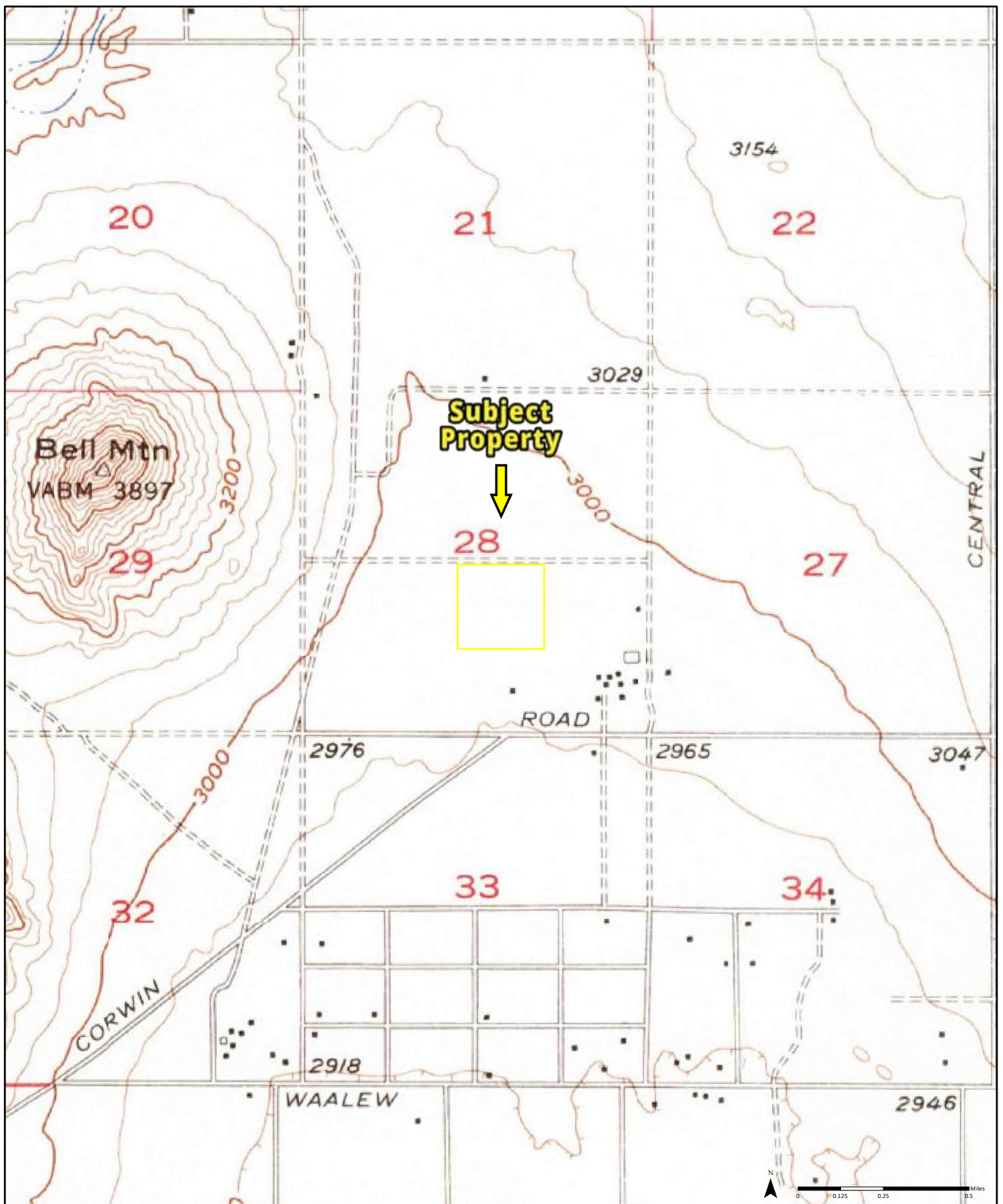
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RANGE NOT LISTED



STREET NOT LISTED

STREET NOT LISTED



1957

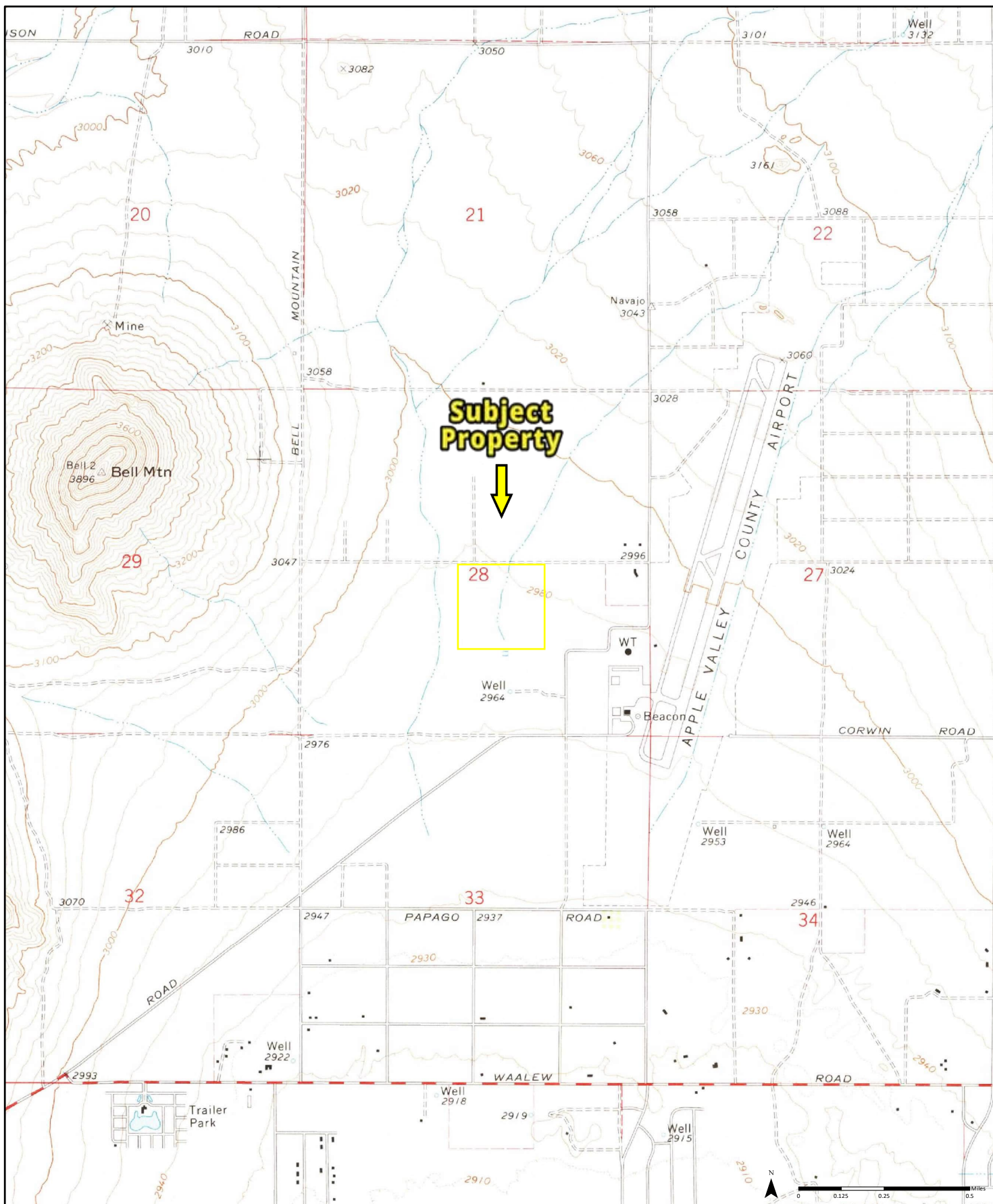
(1-1957)  
Aerial Photo Year: 1952

Quadrangle(s): Apple Valley, CA<sub>(1-1957)</sub>

Order No. 23120700365

Source: USGS 15 Minute Topographic Map

**PARTNER**



1970

(1-1970)  
Aerial Photo Year: 1969

Quadrangle(s): Apple Valley North, CA(1-1970)

Order No. 23120700365

Source: USGS 7.5 Minute Topographic Map

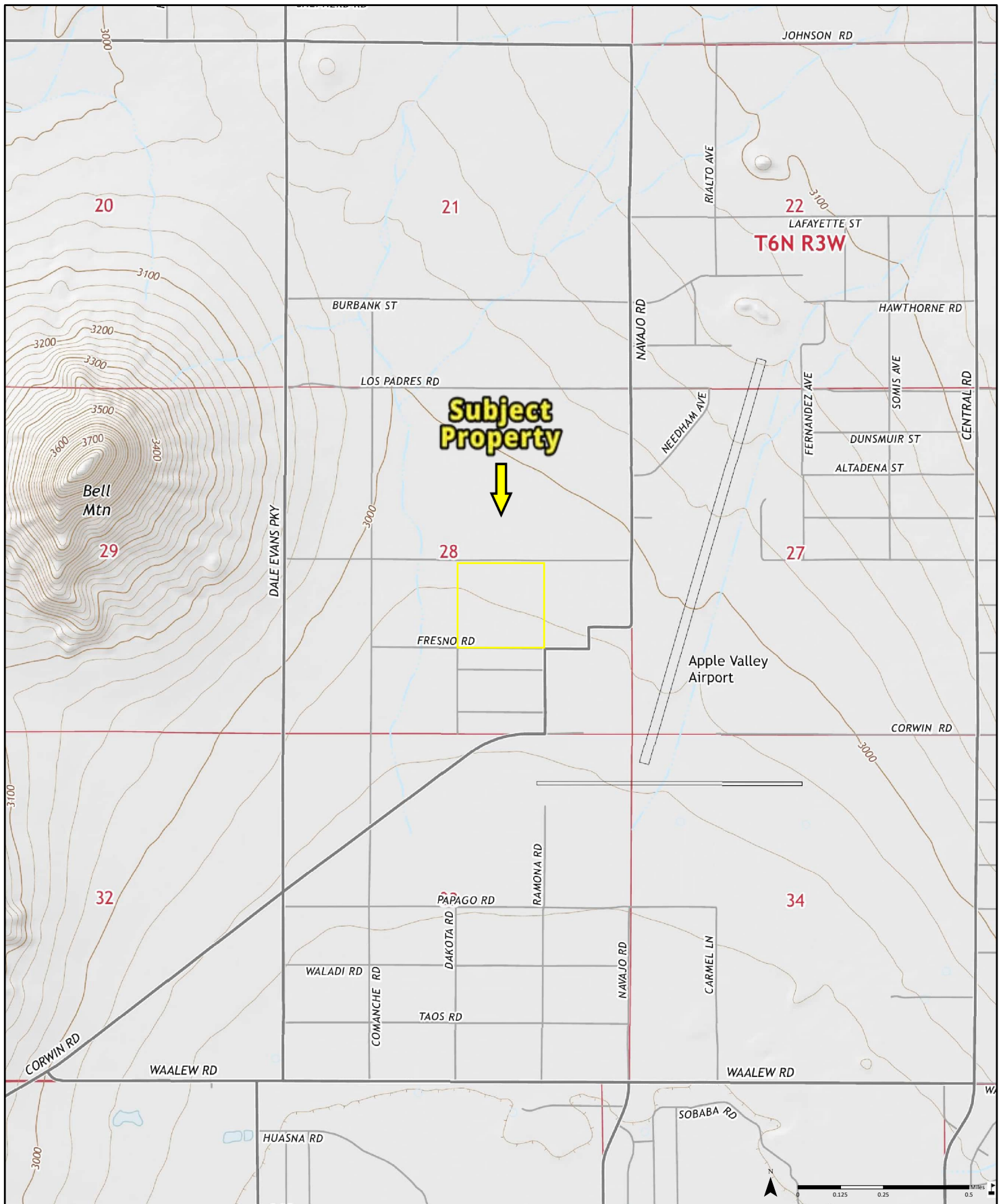
**PARTNER**



# PARTNER







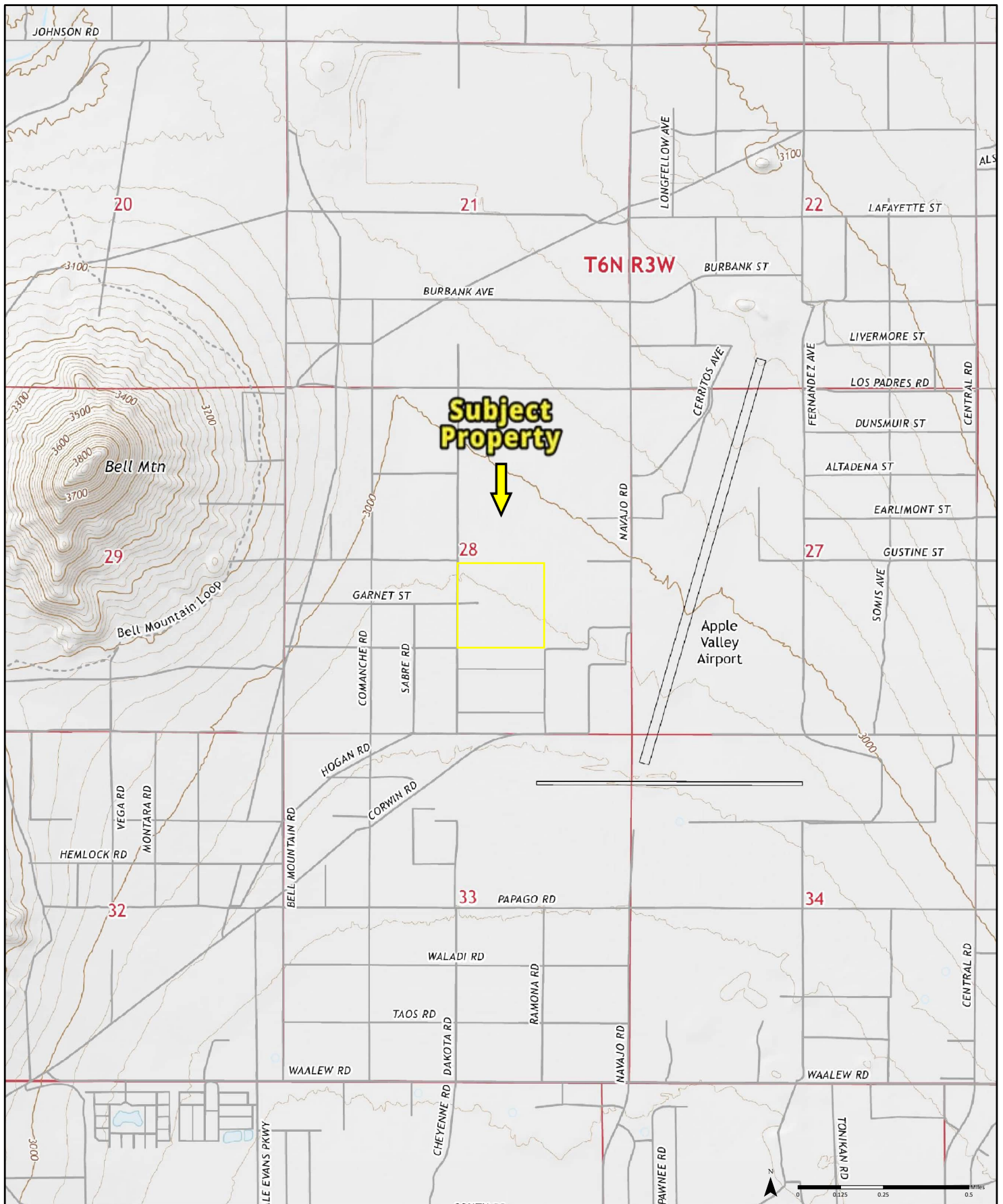
2015

Quadrangle(s): Apple Valley North, CA

Order No. 23120700365

Source: USGS 7.5 Minute Topographic Map





**2018**

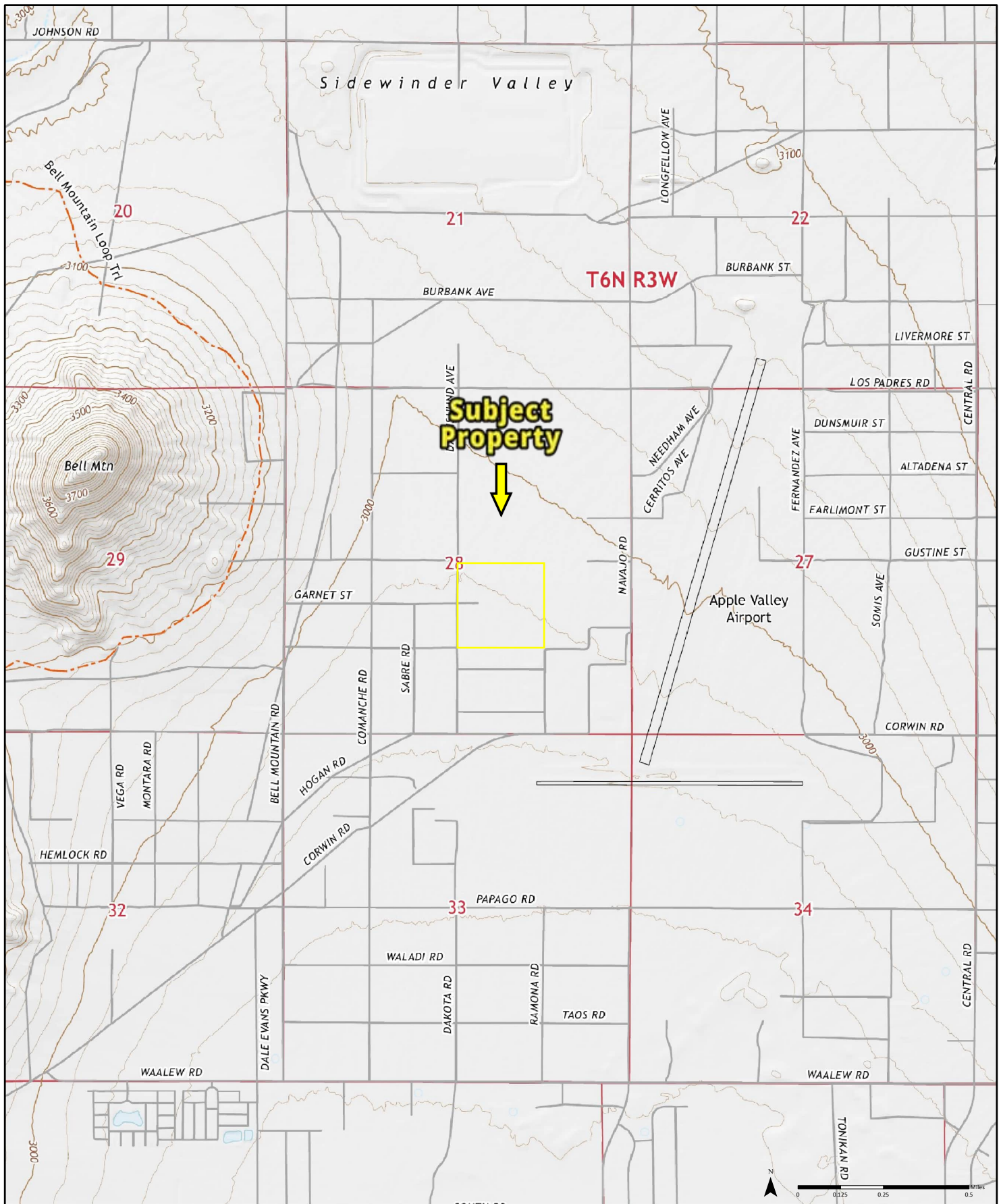
**Quadrangle(s): Apple Valley North, CA**

Order No. 23120700365

Source: USGS 7.5 Minute Topographic Map

**PARTNER**





**2021**

**Quadrangle(s): Apple Valley North, CA**

Order No. 23120700365

Source: USGS 7.5 Minute Topographic Map

**PARTNER**

# National Flood Hazard Layer FIRMMette



117°11'55"W 34°34'51"N



1:6,000

117°11'18"W 34°34'22"N

Basemap Imagery Source: USGS National Map 2023

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i>
		With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i>
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i>
		Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i>
		Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i>
		Area with Flood Risk due to Levee <i>Zone D</i>
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i>
		Effective LOMRs
		Area of Undetermined Flood Hazard <i>Zone D</i>
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **12/21/2023 at 6:15 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

## APPENDIX C: REGULATORY DATABASE REPORT

---





# DATABASE REPORT

<b>Project Property:</b>	<i>APN: 0463-372-21-0000 APN: 0463-372-21-0000 APPLE VALLEY CA 92307</i>
<b>Project No:</b>	<i>23-430676.1</i>
<b>Report Type:</b>	<i>Database Report</i>
<b>Order No:</b>	<i>23120700365</i>
<b>Requested by:</b>	<i>Partner Engineering and Science, Inc.</i>
<b>Date Completed:</b>	<i>December 8, 2023</i>

## Environmental Risk Information Services

*A division of Glacier Media Inc.*

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# Executive Summary

## Property Information:

**Project Property:** APN: 0463-372-21-0000  
APN: 0463-372-21-0000 APPLE VALLEY CA 92307

**Project No:** 23-430676.1

**Coordinates:**

<b>Latitude:</b>	34.5008311
<b>Longitude:</b>	-117.1858759
<b>UTM Northing:</b>	3,826,163.44
<b>UTM Easting:</b>	482,033.05
<b>UTM Zone:</b>	UTM Zone 11S

**Elevation:** 2,980 FT

## Order Information:

**Order No:** 23120700365  
**Date Requested:** December 7, 2023  
**Requested by:** Partner Engineering and Science, Inc.  
**Report Type:** Database Report

## Historicals/Products:

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

## 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>								
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	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	0	1	-	-	1
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
NPL IC	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



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
DELISTED FRP	Y	0.25	0	0	0	-	-	0
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
DOE FUSRAP	Y	1	0	0	0	0	0	0

#### State

RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	0	0	0	1	1
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	1	0	-	1
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	1	-	-	1
UST SWEEPS	Y	0.25	0	0	3	-	-	3
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	1	-	-	1
CERS TANK	Y	0.25	0	0	1	-	-	1
DELISTED CTNK	Y	0.25	0	0	0	-	-	0
HIST TANK	Y	0.25	0	0	1	-	-	1

<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>
LUR	Y	0.5	0	0	0	0	-	0
CALSITES	Y	0.5	0	0	0	0	-	0
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 CLEANUP	Y	0.5	0	0	0	0	-	0
DELISTED COUNTY	Y	0.25	0	0	0	-	-	0

#### **Tribal**

INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0

#### **County**

SANBERN CUPA	Y	0.25	0	0	2	-	-	2
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#### **Additional Environmental Records**

##### **Federal**

FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	0	1	-	1
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

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
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	1	1
FUDS MRS	Y	1	0	0	0	1	0	1
FORMER NIKE	Y	1	0	0	0	0	0	0
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
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
PFAS SAMPLING	Y	0.5	0	0	0	0	-	0
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 GT CLEANUPS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	0	0	-	0
PFAS INVEST	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

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
CHMIRS	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	0	-	-	-	-	0
HAZ GEN	Y	PO	0	-	-	-	-	0
HAZ TSD	Y	0.5	0	0	0	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	0	-	-	-	0
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
WASTE DISCHG	Y	0.25	0	0	0	-	-	0
EMISSIONS	Y	0.25	0	0	3	-	-	3
CDL	Y	0.125	0	0	-	-	-	0

#### Tribal

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

#### County

MED WST SANBERN	Y	0.25	0	0	0	-	-	0
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**Total:** 0 0 14 2 2 18

\* 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>
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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>	DELISTED TNK	AZTEC AVIATION CO/AV APRT	21600 CORWIN RD APPLE VALLEY CA 92307	ESE	0.23 / 1,188.54	-4	<a href="#">21</a>
<a href="#">2</a>	SANBERN CUPA	APPLE VALLEY AIRPORT	21600 Corwin Rd Apple Valley CA 92307	SE	0.24 / 1,260.36	-10	<a href="#">21</a>
<a href="#">2</a>	SANBERN CUPA	AZTEC AVIATION CO/AV APRT	21600 CORWIN RD APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	-10	<a href="#">21</a>
<a href="#">2</a>	LUST	AZTEC AVIATION COMPANY	21600 CORWIN ROAD APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	-10	<a href="#">22</a>
<b>Global ID / Status Date / Status:</b> T0607188383   10/15/2010   COMPLETED - CASE CLOSED							
<a href="#">2</a>	HHSS	APPLE VALLEY AIRPORT	21600 CORWIN ROAD APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	-10	<a href="#">27</a>
<a href="#">2</a>	EMISSIONS	MAG AVIATION FUEL - APPLE VALLEY AIRPORT	21600 CORWIN RD. APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	-10	<a href="#">27</a>
<a href="#">2</a>	EMISSIONS	SBCO DEPARTMENT OF AIRPORTS	21600 CORWIN RD APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	-10	<a href="#">28</a>
<a href="#">2</a>	CERS TANK	APPLE VALLEY AIRPORT	21600 CORWIN RD APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	-10	<a href="#">29</a>
<b>Site ID:</b> 92664							
<a href="#">2</a>	HIST TANK	APPLE VALLEY AIRPORT	21600 CORWIN ROAD APPLE VALLEY CA	SE	0.24 / 1,260.36	-10	<a href="#">38</a>
<a href="#">2</a>	RCRA NON GEN	MAG AVIATION FUEL APV	21600 CORWIN RD APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	-10	<a href="#">39</a>
<b>EPA Handler ID:</b> CAL000387447							
<a href="#">2</a>	EMISSIONS	SBCO - APPLE VALLEY AIRPORT	21600 CORWIN RD, SUITE 13 APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	-10	<a href="#">40</a>
<a href="#">2</a>	UST SWEEPS	APPLE VALLEY AIRPORT	21600 CORWIN RD APPLE VALLEY CA	SE	0.24 / 1,260.36	-10	<a href="#">41</a>
<b>C C / Status:</b> I36-000-14066   INACTIVE <b>Tank ID:</b> 000004, 000003, 000001, 000002							

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<a href="#">2</a>	UST SWEEPS	AZTEC AVIATION, INC	21600 CORWIN RD APPLE VALLEY CA <i>C C / Status:</i> A36-000-16434   ACTIVE <i>Tank ID:</i> 000290, 000390, 000190	SE	0.24 / 1,260.36	-10	<a href="#">42</a>
<a href="#">2</a>	UST SWEEPS	AZTEC AVIATION, INC	21600 CORWIN RD APPLE VALLEY CA <i>C C / Status:</i> I36-000-16434   INACTIVE <i>Tank ID:</i> 000001	SE	0.24 / 1,260.36	-10	<a href="#">43</a>
<a href="#">3</a>	PFAS IND	APPLE VALLEY AIRPORT	APPLE VALLEY CA	SSE	0.25 / 1,325.17	-16	<a href="#">43</a>
<a href="#">4</a>	FUDS MRS	VICTORVILLE PBR NO 1	CA	NNW	0.29 / 1,548.18	14	<a href="#">44</a>
<a href="#">5</a>	FUDS	VICTORVILLE PBR NO 1	APPLE VALLEY CA <i>FUDS Property No:</i> J09CA0675	NNE	0.51 / 2,697.02	39	<a href="#">44</a>
<a href="#">6</a>	ENVIROSTOR	VICTORVILLE PBR NO 1	8 MILES NORTHEAST OF VICTORVILLE VICTORVILLE CA 92392 <i>Estor/EPA ID   Cleanup Status:</i> 80000405   INACTIVE - ACTION REQUIRED AS OF 8/15/2018	N	0.88 / 4,649.25	55	<a href="#">45</a>

## Executive Summary: Summary by Data Source

### Standard

#### Federal

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

A search of the RCRA NON GEN database, dated Oct 2, 2023 has found that there are 1 RCRA NON GEN site(s) within approximately 0.25miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
MAG AVIATION FUEL APV	21600 CORWIN RD APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	<a href="#">2</a>
<i>EPA Handler ID: CAL000387447</i>				

#### State

##### **ENVIROSTOR - EnviroStor Database**

A search of the ENVIROSTOR database, dated Oct 23, 2023 has found that there are 1 ENVIROSTOR site(s) within approximately 1.00miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
VICTORVILLE PBR NO 1	8 MILES NORTHEAST OF VICTORVILLE VICTORVILLE CA 92392	N	0.88 / 4,649.25	<a href="#">6</a>
<i>Estor/EPA ID   Cleanup Status: 80000405   INACTIVE - ACTION REQUIRED AS OF 8/15/2018</i>				

##### **LUST - Leaking Underground Fuel Tank Reports**

A search of the LUST database, dated Jul 13, 2023 has found that there are 1 LUST site(s) within approximately 0.50miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
AZTEC AVIATION COMPANY	21600 CORWIN ROAD APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	<a href="#">2</a>
<i>Global ID   Status Date   Status: T0607188383   10/15/2010   COMPLETED - CASE CLOSED</i>				

##### **HHSS - Historical Hazardous Substance Storage Information Database**

A search of the HHSS database, dated Aug 27, 2015 has found that there are 1 HHSS site(s) within approximately 0.25miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
APPLE VALLEY AIRPORT	21600 CORWIN ROAD APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	<a href="#">2</a>

##### **UST SWEEPS - Statewide Environmental Evaluation and Planning System**

A search of the UST SWEEPS database, dated Oct 1, 1994 has found that there are 3 UST SWEEPS site(s) within approximately 0.25



miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
APPLE VALLEY AIRPORT	21600 CORWIN RD APPLE VALLEY CA	SE	0.24 / 1,260.36	<a href="#">2</a>
	<b>C C / Status:</b> I36-000-14066   INACTIVE <b>Tank ID:</b> 000004, 000003, 000001, 000002			
AZTEC AVIATION, INC	21600 CORWIN RD APPLE VALLEY CA	SE	0.24 / 1,260.36	<a href="#">2</a>
	<b>C C / Status:</b> I36-000-16434   INACTIVE <b>Tank ID:</b> 000001			
AZTEC AVIATION, INC	21600 CORWIN RD APPLE VALLEY CA	SE	0.24 / 1,260.36	<a href="#">2</a>
	<b>C C / Status:</b> A36-000-16434   ACTIVE <b>Tank ID:</b> 000290, 000390, 000190			

### **DELISTED TNK - Delisted Storage Tanks**

A search of the DELISTED TNK database, dated Nov 27, 2023 has found that there are 1 DELISTED TNK site(s) within approximately 0.25miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
AZTEC AVIATION CO/AV APRT	21600 CORWIN RD APPLE VALLEY CA 92307	ESE	0.23 / 1,188.54	<a href="#">1</a>

### **CERS TANK - California Environmental Reporting System (CERS) Tanks**

A search of the CERS TANK database, dated Oct 16, 2023 has found that there are 1 CERS TANK site(s) within approximately 0.25 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
APPLE VALLEY AIRPORT	21600 CORWIN RD APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	<a href="#">2</a>
	<b>Site ID:</b> 92664			

### **HIST TANK - Historical Hazardous Substance Storage Container Information - Facility Summary**

A search of the HIST TANK database, dated May 27, 1988 has found that there are 1 HIST TANK site(s) within approximately 0.25 miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
APPLE VALLEY AIRPORT	21600 CORWIN ROAD APPLE VALLEY CA	SE	0.24 / 1,260.36	<a href="#">2</a>

### **County**

### **SANBERN CUPA - San Bernardino County - CUPA List**

A search of the SANBERN CUPA database, dated Nov 28, 2023 has found that there are 2 SANBERN CUPA site(s) within approximately 0.25miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
AZTEC AVIATION CO/AV APRT	21600 CORWIN RD APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	<a href="#">2</a>
APPLE VALLEY AIRPORT	21600 Corwin Rd Apple Valley CA 92307	SE	0.24 / 1,260.36	<a href="#">2</a>

## **Non Standard**

### **Federal**

#### **PFAS IND - PFAS Industry Sectors**

A search of the PFAS IND database, dated Jul 3, 2023 has found that there are 1 PFAS IND site(s) within approximately 0.50miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
APPLE VALLEY AIRPORT	APPLE VALLEY CA	SSE	0.25 / 1,325.17	<a href="#">3</a>

#### **FUDS - Formerly Used Defense Sites**

A search of the FUDS database, dated May 15, 2023 has found that there are 1 FUDS site(s) within approximately 1.00miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
VICTORVILLE PBR NO 1	APPLE VALLEY CA  <i>FUDS Property No: J09CA0675</i>	NNE	0.51 / 2,697.02	<a href="#">5</a>

#### **FUDS MRS - FUDS Munitions Response Sites**

A search of the FUDS MRS database, dated May 15, 2023 has found that there are 1 FUDS MRS site(s) within approximately 1.00 miles of the project property.

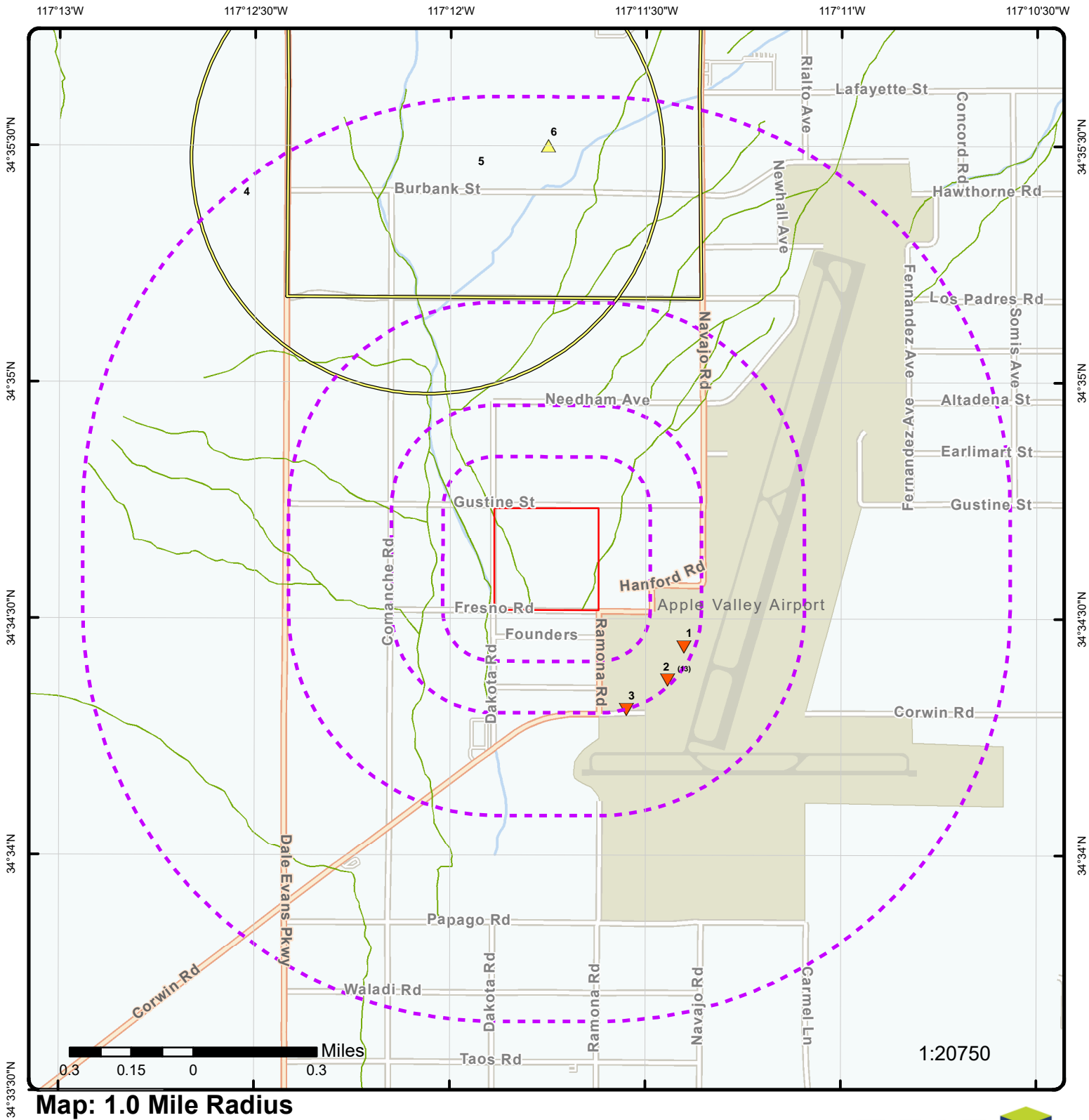
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
VICTORVILLE PBR NO 1	CA	NNW	0.29 / 1,548.18	<a href="#">4</a>

### **State**

#### **EMISSIONS - Toxic Pollutant Emissions Facilities**

A search of the EMISSIONS database, dated Dec 31, 2020 has found that there are 3 EMISSIONS site(s) within approximately 0.25 miles of the project property.

<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>
SBCO - APPLE VALLEY AIRPORT	21600 CORWIN RD, SUITE 13 APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	<a href="#"><u>2</u></a>
MAG AVIATION FUEL - APPLE VALLEY AIRPORT	21600 CORWIN RD. APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	<a href="#"><u>2</u></a>
SBCO DEPARTMENT OF AIRPORTS	21600 CORWIN RD APPLE VALLEY CA 92307	SE	0.24 / 1,260.36	<a href="#"><u>2</u></a>



## Map: 1.0 Mile Radius

Order Number: 23120700365

Address: APN: 0463-372-21-0000, APPLE VALLEY, CA



Project Property

Buffer Outline

▲ Sites with Higher Elevation

■ Sites with Same Elevation

▼ Sites with Lower Elevation

○ Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

Plume

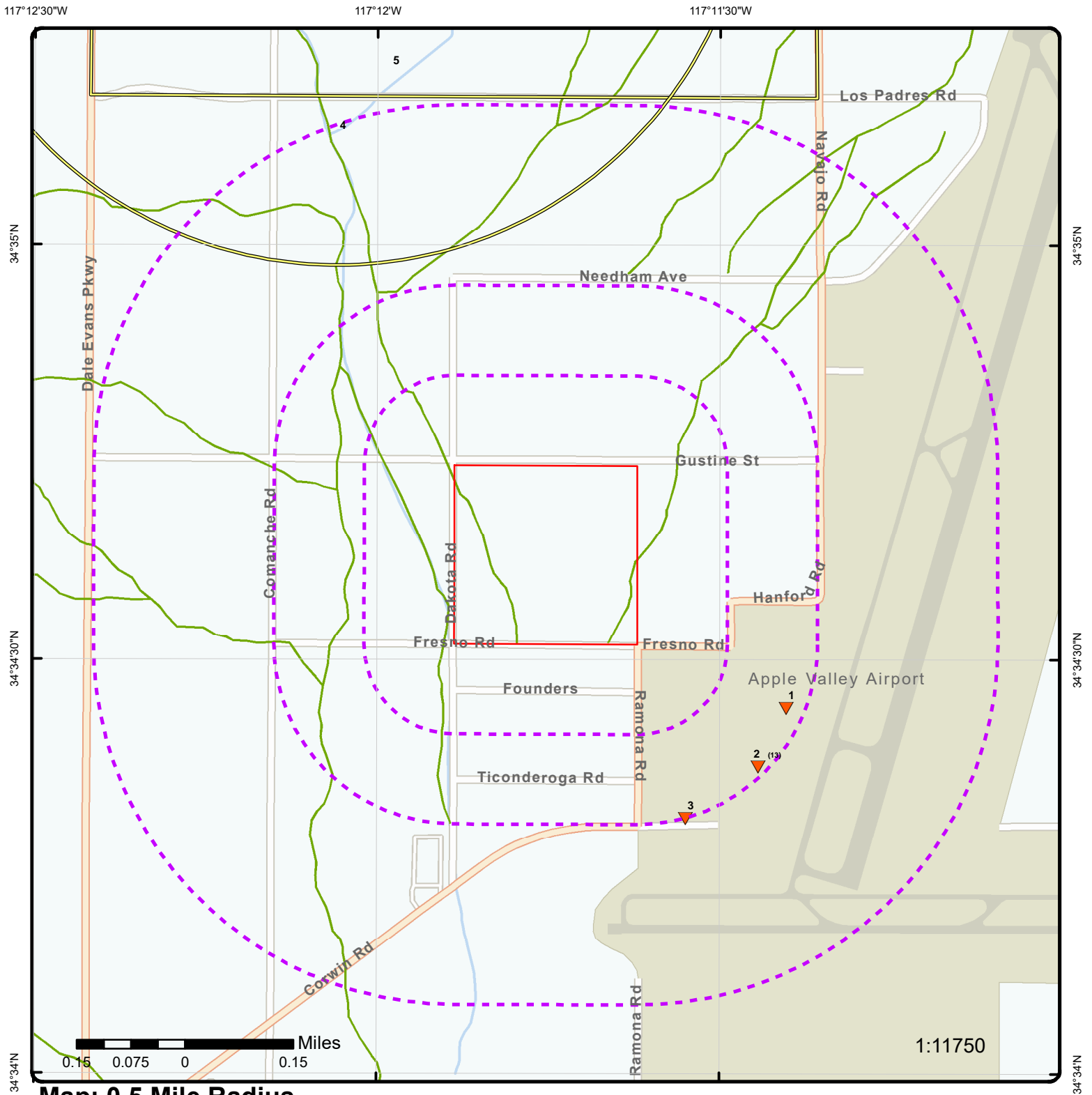
100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National Priorities List (Active, Delisted, Proposed, Institutional Control)





## Map: 0.5 Mile Radius

Order Number: 23120700365

Address: APN: 0463-372-21-0000, APPLE VALLEY, CA



Project Property

Buffer Outline

▲ Sites with Higher Elevation

▲ Sites with Same Elevation

▼ Sites with Lower Elevation

○ Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

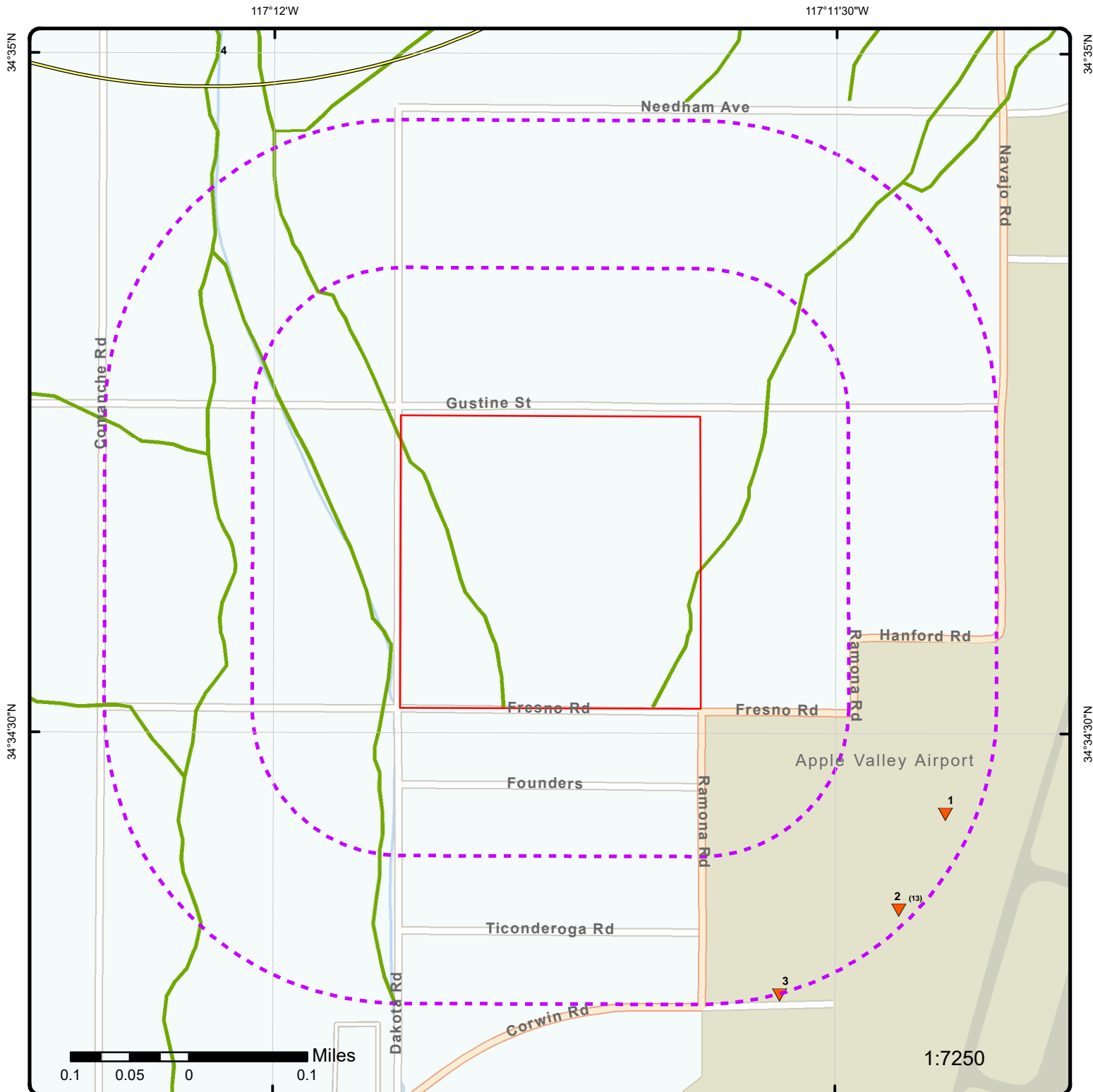
Plume

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National Priorities List (Active, Delisted, Proposed, Institutional Control)



## Map: 0.25 Mile Radius

Order Number: 23120700365

Address: APN: 0463-372-21-0000, APPLE VALLEY, CA



Project Property

Buffer Outline

Sites with Higher Elevation

Sites with Same Elevation

Sites with Lower Elevation

Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

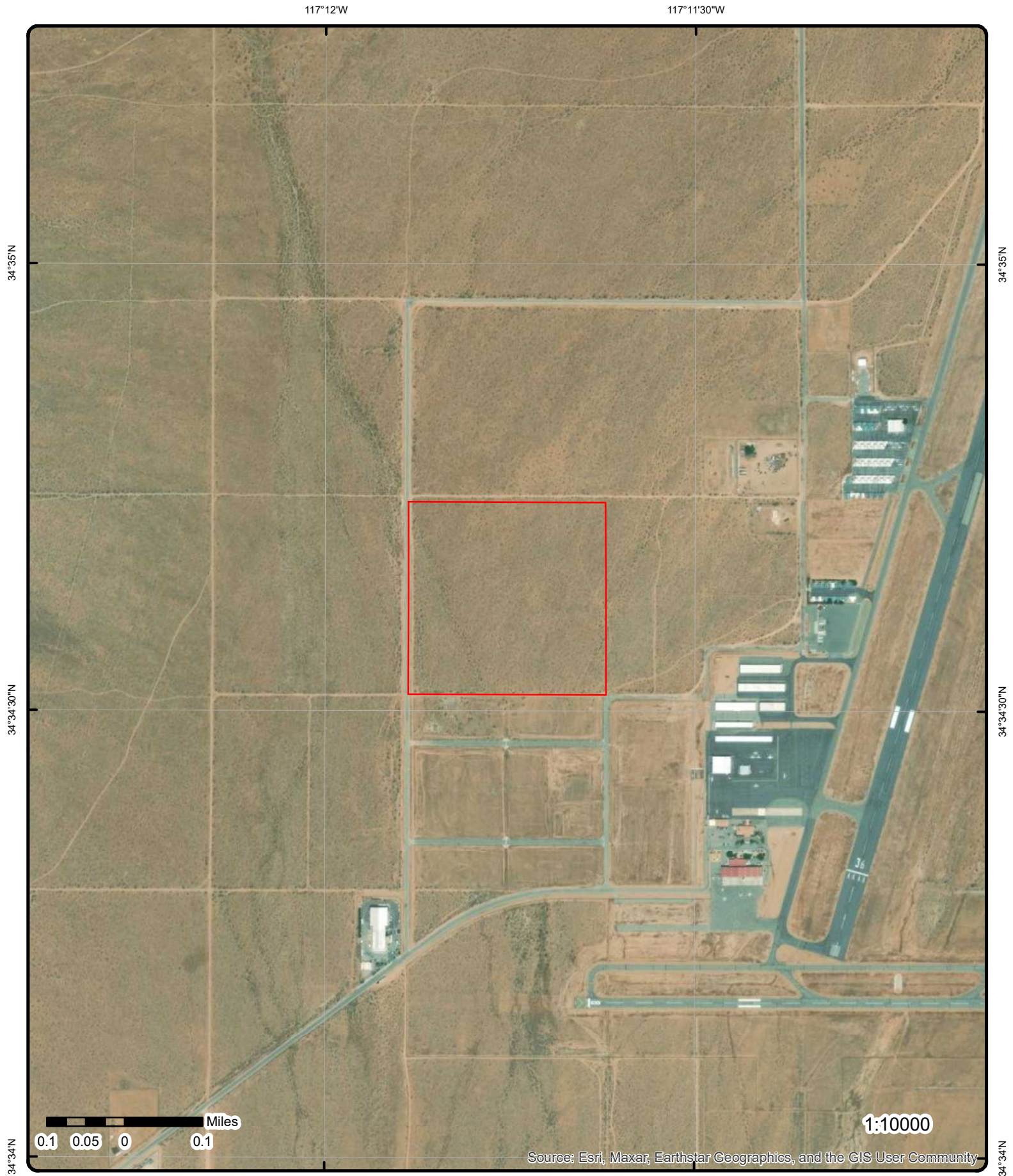
Plume

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

National Priorities List (Active, Delisted, Proposed, Institutional Control)



**Aerial** Year: 2023

Address: APN: 0463-372-21-0000, APPLE VALLEY, CA

Source: ESRI World Imagery

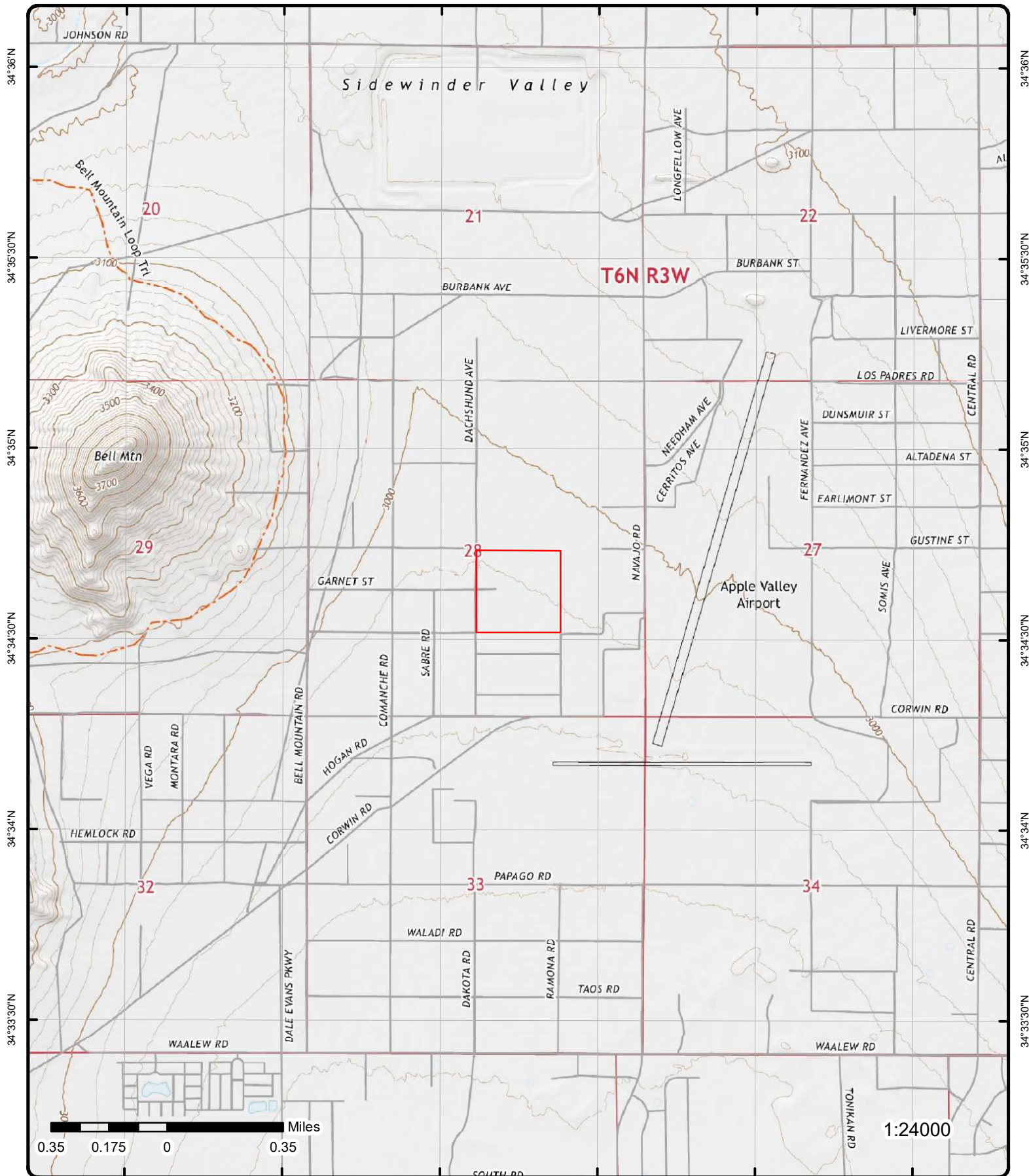
Order Number: 23120700365



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117°13'W 117°12'30"W 117°12'W 117°11'30"W 117°11'W 117°10'30"W



# Topographic Map

Year: 2021

Order Number: 23120700365

Address: APN: 0463-372-21-0000, CA

Quadrangle(s): Apple Valley North CA

Source: USGS Topographic Map



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# Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">1</a>	1 of 1	ESE	0.23 / 1,188.54	2,976.75 / -4	AZTEC AVIATION CO/AV APRT 21600 CORWIN RD APPLE VALLEY CA 92307	DELISTED TNK

## Delisted Storage Tanks

Facility ID:	88016400	County:	San Bernardino
Latitude:	34.574007	Original Source:	UST
Longitude:	-117.190033	Record Date:	30-JAN-2017
Permitting Agency:	SAN BERNARDINO COUNTY		

<a href="#">2</a>	1 of 13	SE	0.24 / 1,260.36	2,970.68 / -10	APPLE VALLEY AIRPORT 21600 Corwin Rd Apple Valley CA 92307	SANBERN CUPA
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Facility ID:	FA0002239
Owner Info:	County Of San Bernardino
Mailing Care of:	
Mailing Address 1:	21600 Corwin Rd
Mailing Address 2:	
Mailing City:	Apple Valley
Mailing State:	CA
Mailing Zip:	92307

## Detail(s)

Permit ID:	PT0030817
Status:	ACTIVE
Program Element Code:	4032
Permit Desc:	APSA 10,001-100,000 GAL FAC CAPACITY
To:	12/31/2023
Permit ID:	PT0007268
Status:	ACTIVE
Program Element Code:	4243
Permit Desc:	HAZARDOUS MATERIALS 4-10 CHEMICALS
To:	12/31/2023
Permit ID:	PT0007267
Status:	ACTIVE
Program Element Code:	4453
Permit Desc:	SMALL QUANTITY GENERATOR
To:	12/31/2023

<a href="#">2</a>	2 of 13	SE	0.24 / 1,260.36	2,970.68 / -10	AZTEC AVIATION CO/AV APRT 21600 CORWIN RD APPLE VALLEY CA 92307	SANBERN CUPA
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Facility ID:	FA0001266
Owner Info:	AZTEC AVIATION CO/AV APRT
Mailing Care of:	KARA NIELSEN
Mailing Address 1:	PO BOX 2206
Mailing Address 2:	
Mailing City:	LANCASTER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Mailing State:		CA				
Mailing Zip:		93539				
<u>Detail(s)</u>						
Permit ID:		PT0003897				
Status:		INACTIVE				
Program Element Code:		4260				
Permit Desc:		HAZMAT HANDLER, UST ONLY - PER YEAR				
To:		10/31/2012				
Permit ID:		PT0011063				
Status:		INACTIVE				
Program Element Code:		4104				
Permit Desc:		REGULAR UST ANNUAL INSPECTION (PER TANK)				
To:		10/31/2005				
Permit ID:		PT0023585				
Status:		INACTIVE				
Program Element Code:		4460				
Permit Desc:		WASTE INCIDENTAL UST OPERATION ONLY -PER YEAR				
To:		10/31/2012				
Permit ID:		PT0011062				
Status:		INACTIVE				
Program Element Code:		4104				
Permit Desc:		REGULAR UST ANNUAL INSPECTION (PER TANK)				
To:		10/31/2011				
Permit ID:		PT0011061				
Status:		INACTIVE				
Program Element Code:		4104				
Permit Desc:		REGULAR UST ANNUAL INSPECTION (PER TANK)				
To:		10/31/2011				

<u>2</u>	3 of 13	SE	0.24 / 1,260.36	2,970.68 / -10	AZTEC AVIATION COMPANY 21600 CORWIN ROAD APPLE VALLEY CA 92307	LUST
Global ID:		T0607188383		Census Tract:	6071012101	
Status Date:		10/15/2010		Match Key:	T0607188383	
Case Type:		LUST CLEANUP SITE		County:	SAN BERNARDINO	
Oil Field:				Latitude:	34.571671	
Oil Field Operator:				Longitude:	-117.192642	
Status:		COMPLETED - CASE CLOSED		RWQCB Region:		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case:	NO
Lead Agency:	SAN BERNARDINO COUNTY
Case Worker:	JC
Local Agency:	SAN BERNARDINO COUNTY
RB Case No:	6B3601046T
Local Case No:	2006003
File Location:	Local Agency
Potential COC:	Aviation
Potential Media of Concern:	Soil
Begin Date:	7/25/2004
How Discovered:	UST System Modification
How Discovered Description:	
Stop Method:	Replace product piping
Stop Description:	
Calwater Watershed Name:	Mojave - Upper Mojave (628.20)
DWR GW Subbasin Name:	Upper Mojave River Valley (6-042)
Disadvantaged Community:	
CalEnvScreen Score:	

<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>Coordinate Source:</b>		Google Geocode				
<b>Discharge Cause:</b>		Unknown				
<b>Discharge Source:</b>		Piping				
<b>EPA Region:</b>		9				
<b>Leak Reported Dt:</b>		2006-03-28 00:00:00				
<b>Military DoD Site:</b>		No				
<b>No Further Action Dt:</b>		2010-10-15 00:00:00				
<b>Qty Rlsd Gallons:</b>						
<b>Facility Project Sub Type:</b>						
<b>Calenviroscreen 3 Score:</b>		66-70%				
<b>Calenviroscreen 4 Score:</b>		60-65%				
<b>Site History:</b>						

A site investigation was conducted during the week on March 15, 2010. Preliminary soil boring results are non detect (ND) for all analytes.

#### **LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts**

<b>Contact Type:</b>	Regional Board Caseworker
<b>Contact Name:</b>	BRIAN GREY
<b>Organization Name:</b>	LAHONTAN RWQCB (REGION 6T)
<b>Address:</b>	2501 LAKE TAHOE BOULEVARD
<b>City:</b>	SOUTH LAKE TAHOE
<b>Email:</b>	bgrey@waterboards.ca.gov
<b>Phone No:</b>	
<b>Contact Type:</b>	Local Agency Caseworker - Primary Caseworker
<b>Contact Name:</b>	JACKSON CRUTSINGER
<b>Organization Name:</b>	SAN BERNARDINO COUNTY
<b>Address:</b>	620 SOUTH E STREET
<b>City:</b>	SAN BERNARDINO
<b>Email:</b>	jcrutsinger@sbcfire.org
<b>Phone No:</b>	

#### **LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History**

<b>Status:</b>	Completed - Case Closed
<b>Status Date:</b>	10/15/2010
<b>Status:</b>	Open - Site Assessment
<b>Status Date:</b>	5/22/2006
<b>Status:</b>	Open - Case Begin Date
<b>Status Date:</b>	7/25/2004

#### **LUST Sites from GeoTracker Search - Regulatory Profile**

<b>Site Facility Name:</b>	AZTEC AVIATION COMPANY
<b>Site Facility Type:</b>	LUST CLEANUP SITE
<b>Cleanup Status:</b>	COMPLETED - CASE CLOSED
<b>Address:</b>	21600 CORWIN ROAD
<b>City:</b>	APPLE VALLEY
<b>Zip:</b>	92307
<b>County:</b>	SAN BERNARDINO
<b>Report Link:</b>	<a href="https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607188383">https://geotracker.waterboards.ca.gov/profile_report?global_id=T0607188383</a>
<b>Cleanup Status Detail:</b>	COMPLETED - CASE CLOSED AS OF 10/15/2010
<b>Project Status:</b>	
<b>Cleanup History Link:</b>	<a href="https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607188383&amp;tabname=regulatoryhistory">https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0607188383&amp;tabname=regulatoryhistory</a>
<b>Potential COC:</b>	AVIATION
<b>Potential Media of Concern:</b>	SOIL
<b>File Location:</b>	LOCAL AGENCY
<b>User Defined Beneficial Use:</b>	
<b>Designated Beneficial Use:</b>	MUN, AGR, IND, FRSH, AQUA
<b>DWR GW Sub Basin:</b>	Upper Mojave River Valley (6-042)
<b>Calwater Watershed Name:</b>	Mojave - Upper Mojave (628.20)
<b>Post Closure Site Management:</b>	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<b>Future Land Use:</b>	INDUSTRIAL					
<b>Cleanup Oversight Agencies:</b>	SAN BERNARDINO COUNTY (LEAD) - CASE #: 2006003 CASEWORKER: JACKSON CRUTSINGER LAHONTAN RWQCB (REGION 6V) - CASE #: 6B3601046T					
<b>CUF Claim No:</b>						
<b>CUF Priority Assig:</b>						
<b>CUF Amount Paid:</b>						
<b>WDR Place Type:</b>						
<b>WDR File No:</b>						
<b>WDR Order No:</b>						
<b>Project Oversight Agencies:</b>						
<b>Facility Type:</b>						
<b>Composting Method:</b>						
<b>Grndwtr Monitoring Frequency:</b>						
<b>Designated Beneficial Use Desc:</b>	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Freshwater Replenishment, AQUA					
<b>Site History:</b>						

A site investigation was conducted during the week on March 15, 2010. Preliminary soil boring results are non detect (ND) for all analytes.

#### LUST Sites from GeoTracker Search - Cleanup Status History

<b>Status:</b>	Completed - Case Closed
<b>Date :</b>	10/15/2010
<b>Status:</b>	Open - Site Assessment
<b>Date :</b>	5/22/2006
<b>Status:</b>	Open - Case Begin Date
<b>Date :</b>	7/25/2004

#### Sites from GeoTracker Search - Regulatory Activities (as of May 25, 2023)

<b>Action Type:</b>	Other Regulatory Actions
<b>Action:</b>	Closure/No Further Action Letter
<b>Action Date:</b>	10/15/2010
<b>Received Issue Date:</b>	10/15/2010
<b>Doc Link:</b>	<a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6067017&amp;temptable=ENFORCEMENT">https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6067017&amp;temptable=ENFORCEMENT</a>

#### **Title Description Comments:**

RACC/Case Closure Summary 2

<b>Action Type:</b>	Other Regulatory Actions
<b>Action:</b>	Closure/No Further Action Letter
<b>Action Date:</b>	10/15/2010
<b>Received Issue Date:</b>	10/15/2010
<b>Doc Link:</b>	<a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6067015&amp;temptable=ENFORCEMENT">https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6067015&amp;temptable=ENFORCEMENT</a>

#### **Title Description Comments:**

RACC/Case Closure Summary

<b>Action Type:</b>	Other Regulatory Actions
<b>Action:</b>	Staff Letter
<b>Action Date:</b>	8/11/2010
<b>Received Issue Date:</b>	8/11/2010
<b>Doc Link:</b>	<a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6062890&amp;temptable=ENFORCEMENT">https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6062890&amp;temptable=ENFORCEMENT</a>

#### **Title Description Comments:**

Transition Letter 2

<b>Action Type:</b>	Other Regulatory Actions
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Action:</b> <b>Action Date:</b> <b>Received Issue Date:</b> <b>Doc Link:</b>		Staff Letter 8/6/2010 8/6/2010 <a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6062885&amp;temptable=ENFORCEMENT">https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6062885&amp;temptable=ENFORCEMENT</a>				
<b>Title Description Comments:</b>		Transition Letter				
<b>Action Type:</b> <b>Action:</b> <b>Action Date:</b> <b>Received Issue Date:</b> <b>Doc Link:</b>		Response Requested - Other Other Report / Document 7/13/2010 7/13/2010 <a href="https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607188383&amp;doc_id=5695224">https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0607188383&amp;doc_id=5695224</a>				
<b>Title Description Comments:</b>		LOR Case Closure Evaluation				
<b>Action Type:</b> <b>Action:</b> <b>Action Date:</b> <b>Received Issue Date:</b> <b>Doc Link:</b>		Enforcement/Orders Notice to Comply 6/23/2010 6/23/2010 <a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6056388&amp;temptable=ENFORCEMENT">https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6056388&amp;temptable=ENFORCEMENT</a>				
<b>Title Description Comments:</b>		GeoTracker Requirements				
<b>Action Type:</b> <b>Action:</b> <b>Action Date:</b> <b>Received Issue Date:</b> <b>Doc Link:</b>		Other Regulatory Actions Staff Letter 6/22/2010 6/22/2010 <a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6056392&amp;temptable=ENFORCEMENT">https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6056392&amp;temptable=ENFORCEMENT</a>				
<b>Title Description Comments:</b>		Landowner Requirements				
<b>Action Type:</b> <b>Action:</b> <b>Action Date:</b> <b>Received Issue Date:</b> <b>Doc Link:</b>		Enforcement/Orders Notice to Comply 7/27/2009 7/27/2009 <a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6023643&amp;temptable=ENFORCEMENT">https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6023643&amp;temptable=ENFORCEMENT</a>				
<b>Title Description Comments:</b>		Enforcement Action Letter				
<b>Action Type:</b> <b>Action:</b> <b>Action Date:</b> <b>Received Issue Date:</b> <b>Doc Link:</b>		Enforcement/Orders Notice to Comply 3/24/2009 3/24/2009 <a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6037743&amp;temptable=ENFORCEMENT">https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6037743&amp;temptable=ENFORCEMENT</a>				
<b>Title Description Comments:</b>		Enforcement Action Letter				
<b>Action Type:</b> <b>Action:</b> <b>Action Date:</b> <b>Received Issue Date:</b> <b>Doc Link:</b>		Leak Action Leak Reported 3/28/2006 				
<b>Title Description Comments:</b>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Action Type:** Leak Action  
**Action:** Leak Discovery  
**Action Date:** 7/25/2004  
**Received Issue Date:**  
**Doc Link:**  
**Title Description Comments:**

**Sites from GeoTracker Search - Site Maps (as of May 25, 2023)**

**Submitted:** 8/19/2010  
**Submitted By:** HAMID R. ASSADI (AUTH\_RP)  
**Title:** B-3 (B-3)  
**Link:** [https://geotracker.waterboards.ca.gov/esi/uploads/geo\\_bore/1378426969/T0607188383.PDF](https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1378426969/T0607188383.PDF)

**Submitted:** 8/19/2010  
**Submitted By:** HAMID R. ASSADI (AUTH\_RP)  
**Title:** B-1 (B-1)  
**Link:** [https://geotracker.waterboards.ca.gov/esi/uploads/geo\\_bore/1440011560/T0607188383.PDF](https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1440011560/T0607188383.PDF)

**Submitted:** 8/19/2010  
**Submitted By:** HAMID R. ASSADI (AUTH\_RP)  
**Title:** B-2 (B-2)  
**Link:** [https://geotracker.waterboards.ca.gov/esi/uploads/geo\\_bore/4474000334/T0607188383.PDF](https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4474000334/T0607188383.PDF)

**Submitted:** 8/19/2010  
**Submitted By:** HAMID R. ASSADI (AUTH\_RP)  
**Title:** B-5 (B-5)  
**Link:** [https://geotracker.waterboards.ca.gov/esi/uploads/geo\\_bore/8979310035/T0607188383.PDF](https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8979310035/T0607188383.PDF)

**Submitted:** 8/19/2010  
**Submitted By:** HAMID R. ASSADI (AUTH\_RP)  
**Title:** GEO\_MAP  
**Link:** [https://geotracker.waterboards.ca.gov/esi/uploads/geo\\_map/2241326868/T0607188383.PDF](https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/2241326868/T0607188383.PDF)

**Submitted:** 8/19/2010  
**Submitted By:** HAMID R. ASSADI (AUTH\_RP)  
**Title:** B-4 (B-4)  
**Link:** [https://geotracker.waterboards.ca.gov/esi/uploads/geo\\_bore/5637475550/T0607188383.PDF](https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5637475550/T0607188383.PDF)

**Submitted:** 8/19/2010  
**Submitted By:** HAMID R. ASSADI (AUTH\_RP)  
**Title:** B-6 (B-6)  
**Link:** [https://geotracker.waterboards.ca.gov/esi/uploads/geo\\_bore/7779397547/T0607188383.PDF](https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7779397547/T0607188383.PDF)

**Sites from GeoTracker Search - Documents (as of May 25, 2023)**

**Document Type:** Site Documents  
**Type:** CLOSURE/NO FURTHER ACTION LETTER  
**Submitted By:** JACKSON CRUTSINGER (REGULATOR)  
**Title:** RACC/CASE CLOSURE SUMMARY  
**Title Link:** [https://geotracker.waterboards.ca.gov/view\\_documents?global\\_id=T0607188383&enforcement\\_id=6067015](https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&enforcement_id=6067015)

**Document Type:** Site Documents  
**Type:** CLOSURE/NO FURTHER ACTION LETTER  
**Submitted By:** JACKSON CRUTSINGER (REGULATOR)  
**Title:** RACC/CASE CLOSURE SUMMARY 2  
**Title Link:** [https://geotracker.waterboards.ca.gov/view\\_documents?global\\_id=T0607188383&enforcement\\_id=6067017](https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&enforcement_id=6067017)

**Document Type:** Site Documents  
**Type:** SITE INVESTIGATION  
**Submitted By:** HAMID R. ASSADI (AUTH\_RP)  
**Title:** ADDITIONAL SUBSURFACE SOIL INVESTIGATION APRIL 2010  
**Title Link:** [https://geotracker.waterboards.ca.gov/esi/uploads/geo\\_report/3961508512/T0607188383.PDF](https://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3961508512/T0607188383.PDF)

**Document Type:** Site Documents  
**Document Date:** 8/11/2010

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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<b>Document Type:</b> Site Documents <b>Document Date:</b> 7/13/2010 <b>Type:</b> OTHER REPORT / DOCUMENT <b>Submitted:</b> <b>Submitted By:</b> JACKSON CRUTSINGER (REGULATOR) <b>Title:</b> LOR CASE CLOSURE EVALUATION <b>Title Link:</b> <a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;document_id=5695224">https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;document_id=5695224</a>						
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<b>Document Type:</b> Site Documents <b>Document Date:</b> 6/22/2010 <b>Type:</b> STAFF LETTER <b>Submitted:</b> <b>Submitted By:</b> JACKSON CRUTSINGER (REGULATOR) <b>Title:</b> LANDOWNER REQUIREMENTS <b>Title Link:</b> <a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6056392">https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6056392</a>						
<b>Document Type:</b> Site Documents <b>Document Date:</b> 7/27/2009 <b>Type:</b> NOTICE TO COMPLY <b>Submitted:</b> <b>Submitted By:</b> (REGULATOR) <b>Title:</b> ENFORCEMENT ACTION LETTER <b>Title Link:</b> <a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6023643">https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6023643</a>						
<b>Document Type:</b> Site Documents <b>Document Date:</b> 3/24/2009 <b>Type:</b> NOTICE TO COMPLY <b>Submitted:</b> <b>Submitted By:</b> JACKSON CRUTSINGER (REGULATOR) <b>Title:</b> ENFORCEMENT ACTION LETTER <b>Title Link:</b> <a href="https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6037743">https://geotracker.waterboards.ca.gov/view_documents?global_id=T0607188383&amp;enforcement_id=6037743</a>						
<u>2</u>	4 of 13	SE	0.24 / 1,260.36	2,970.68 / -10	APPLE VALLEY AIRPORT 21600 CORWIN ROAD APPLE VALLEY CA 92307	HHSS
<b>County:</b>		San Bernardino				
<b>Tank Details Microfiche:</b>		<a href="http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029cf9.pdf">http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029cf9.pdf</a>				

<u>2</u>	5 of 13	SE	0.24 / 1,260.36	2,970.68 / -10	MAG AVIATION FUEL - APPLE VALLEY AIRPORT 21600 CORWIN RD. APPLE VALLEY CA 92307	EMISSIONS
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#### 2014 Criteria Data

<b>Facility ID:</b>	164103461	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	5541	<b>TOGT:</b>	0
<b>CO:</b>	36	<b>ROGT:</b>	0
<b>Air Basin:</b>	MD	<b>COT:</b>	
<b>District:</b>	MOJ	<b>NOXT:</b>	
<b>COID:</b>	SBD	<b>SOXT:</b>	
<b>DISN:</b>	MOJAVE DESERT AQMD	<b>PMT:</b>	
<b>CHAPIS:</b>		<b>PM10T:</b>	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b><u>2014 Toxic Data</u></b>						
Facility ID:	164103461			COID:	SBD	
Facility SIC Code:	5541			DISN:	MOJAVE DESERT AQMD	
CO:	36			CHAPIS:		
Air Basin:	MD			CERR Code:		
District:	MOJ					
TS:						
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						
<b><u>2015 Criteria Data</u></b>						
Facility ID:	164103461			CERR Code:		
Facility SIC Code:	5541			TOGT:	0	
CO:	36			ROGT:	0	
Air Basin:	MD			COT:		
District:	MOJ			NOXT:		
COID:	SBD			SOXT:		
DISN:	MOJAVE DESERT AQMD			PMT:		
CHAPIS:				PM10T:		
<b><u>2015 Toxic Data</u></b>						
Facility ID:	164103461			COID:	SBD	
Facility SIC Code:	5541			DISN:	MOJAVE DESERT AQMD	
CO:	36			CHAPIS:		
Air Basin:	MD			CERR Code:		
District:	MOJ					
TS:						
Health Risk Asmt:	0					
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						
<b><u>2016 Criteria Data</u></b>						
Facility ID:	164103461			CERR CODE:		
Facility SIC Code:	5541			TOGT:	0	
CO:	36			ROGT:	0	
Air Basin:	MD			COT:		
District:	MOJ			NOXT:		
COID:	SBD			SOXT:		
DISN:	MOJAVE DESERT AQMD			PMT:		
CHAPIS:				PM10T:		
<b><u>2016 Toxic Data</u></b>						
Facility ID:	164103461			TS:		
Facility SIC Code:	5541			HRA:	0	
CERR CODE:				CH Index:		
COID:	SBD			AH Index:		
CO:	36			Air Basin:	MD	
DISN:	MOJAVE DESERT AQMD			District:	MOJ	
CHAPIS:						
<b><u>2</u></b>	<b>6 of 13</b>	<b>SE</b>	<b>0.24 / 1,260.36</b>	<b>2,970.68 / -10</b>	<b>SBCO DEPARTMENT OF AIRPORTS 21600 CORWIN RD APPLE VALLEY CA 92307</b>	<b>EMISSIONS</b>



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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#### 2013 Criteria Data

Facility ID:	99202711	CERR Code:	
Facility SIC Code:	9621	TOGT:	.
			00033464802199115573084737659854189076
			1324
CO:	36	ROGT:	.00028
Air Basin:	MD	COT:	
District:	MOJ	NOXT:	.0157
COLD:	SBD	SOXT:	
DISN:	MOJAVE DESERT AQMD	PMT:	.
			00025132479508196721311475409836065573
			7705
CHAPIS:		PM10T:	.000245293

#### 2013 Toxic Data

Facility ID:	99202711	COLD:	SBD
Facility SIC Code:	9621	DISN:	MOJAVE DESERT AQMD
CO:	36	CHAPIS:	
Air Basin:	MD	CERR Code:	
District:	MOJ		
TS:	.01		
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

<u>2</u>	7 of 13	SE	0.24 / 1,260.36	2,970.68 / -10	APPLE VALLEY AIRPORT 21600 CORWIN RD APPLE VALLEY CA 92307	CERS TANK
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Site ID:	92664
Latitude:	34.576300
Longitude:	-117.188900

#### Regulated Programs

EI ID:	10451005
EI Description:	Chemical Storage Facilities
EI ID:	10451005
EI Description:	Aboveground Petroleum Storage
EI ID:	206053
EI Description:	Industrial Facility Storm Water
EI ID:	10451005
EI Description:	Hazardous Waste Generator

#### Violations

Violation Date:	04/24/2019	Violation Source:	CERS
Violation Program:	HW	Violation Division:	San Bernardino County Fire Department
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)		
Violation Notes:			

Returned to compliance on 04/24/2019. OBSERVATION: OBSERVED USED OIL TANK AND USED DRAINED OIL FILTERS NOT PROPERLY LABELED. CORRECTIVE ACTION: CONTAINER AND TANK WERE PROPERLY LABELED DURING INSPECTION. VIOLATION WAS CORRECTED, NO FURTHER ACTION.

#### Violation Description:

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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#### Violations

**Violation Date:** 04/24/2019  
**Violation Program:** APSA  
**Citation:** HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)  
**Violation Notes:**

CORRECTIVE ACTION: SUBMIT STATEMENT INDICATING ANNUAL SPCC TRAINING INCLUDES CONTENTS OF YOUR SPCC PLAN. SUBMIT COPY OF COMPLETED TRAINING RECORD FORM AS INDICATED IN SECTION 6.1 OF YOUR 2013 SPCC PLAN. SUBMIT A SIGNED CERTIFICATE OF COMPLIANCE WITHIN 30 DAYS.

#### **Violation Description:**

Failure to conduct spill prevention briefing for oil-handling personnel at least once a year to assure adequate understanding of the SPCC Plan.

#### Violations

**Violation Date:** 03/30/2022  
**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:**

Returned to compliance on 03/30/2023. OBSERVATION: The site map currently in CERS does not show the emergency evacuation staging area, locations of emergency response equipment, hazardous material storage areas, and any storm/sewer drains on the property. CORRECTIVE ACTION: Submit a signed statement that an updated site map has been submitted into CERS.

#### **Violation Description:**

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

#### Violations

**Violation Date:** 03/30/2022  
**Violation Program:** APSA  
**Citation:** HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)  
**Violation Notes:**

OBSERVATION: Annual spill prevention briefings are not being conducted. CORRECTIVE ACTION: Submit a sign in sheet or other documentation showing that employees have received annual spill prevention briefings.

#### **Violation Description:**

Failure to conduct spill prevention briefing for oil-handling personnel at least once a year to assure adequate understanding of the SPCC Plan.

#### Violations

**Violation Date:** 04/24/2019  
**Violation Program:** HMRRP  
**Citation:** HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
**Violation Notes:**

Returned to compliance on 03/30/2023. OBSERVATION: OBSERVED INVENTORY NOT IDENTIFIED ON CERS INCLUDING HAZARDOUS WASTE ABSORBENT, DIESEL FUEL AND USED DRAINED OIL FILTERS. UPDATE USED OIL QUANTITY. CORRECTIVE ACTION: UPDATE CERS TO REFLECT CURRENT INVENTORY. SUBMIT A SIGNED CERTIFICATE OF COMPLIANCE WITHIN 30 DAYS.

#### **Violation Description:**

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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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#### Violations

**Violation Date:** 03/30/2022  
**Violation Program:** HW  
**Citation:** 40 CFR 1 265.31 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.31  
**Violation Notes:**

Returned to compliance on 05/06/2022. OBSERVATION: Observed buildup of oil spillage in the containment of the 55-gallon drum of used oil and oily absorbent in the containment berm around the drum and tank of used oil. CORRECTIVE ACTION: Submit a photograph showing that the oil and absorbent buildup in the containment areas have been cleaned up and the waste absorbent placed into an appropriately closed and labeled container.

#### **Violation Description:**

Failure to maintain and operate the facility to minimize the possibility of a fire, explosion, or any unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, or surface water which could threaten human health or the environment.

#### Violations

**Violation Date:** 04/24/2019  
**Violation Program:** APSA  
**Citation:** HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)  
**Violation Notes:**

CORRECTIVE ACTION: SUBMIT STATEMENT INDICATING ANNUAL SPCC TRAINING INCLUDES CONTENTS OF YOUR SPCC PLAN. SUBMIT COPY OF COMPLETED TRAINING RECORD FORM AS INDICATED IN SECTION 6.1 OF YOUR 2013 SPCC PLAN. SUBMIT A SIGNED CERTIFICATE OF COMPLIANCE WITHIN 30 DAYS.

#### **Violation Description:**

Failure to provide the following training to all oil-handling personnel:

1. Operation and maintenance of equipment to prevent discharges.
2. Discharge procedure protocols.
3. Applicable pollution control laws, rules, and regulations.
4. General facility operations.
5. Contents of the SPCC Plan.

#### Violations

**Violation Date:** 03/30/2022  
**Violation Program:** HW  
**Citation:** HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22  
**Violation Notes:**

OBSERVATION: Observed two unlabeled 55-gallon drums of drained used oil filters on site for more than two years. CORRECTIVE ACTION: Submit a copy of a waste manifest showing the removal of the drained used oil filters on site along with a photograph showing that the new drums have been properly labeled.

#### **Violation Description:**

Failure to properly manage used oil and/or fuel filters in accordance with the requirements.

#### Violations

**Violation Date:** 04/24/2019  
**Violation Program:** HMRRP  
**Citation:** HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)  
**Violation Notes:**

Returned to compliance on 01/20/2020. OBSERVATION: OBSERVED LAST CERS SUBMITTAL COMPLETED ON 2/20/18 AND IS PAST DUE. SOME

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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HAZARDOUS MATERIALS INVENTORY OBSERVED ONSITE WAS NOT INCLUDED IN YOUR CERS SUBMITTAL. CORRECTIVE ACTION: UPDATE CERS TO REFLECT CURRENT INFORMATION AND INVENTORY. ENSURE CERS IS REVIEWED AND CERTIFIED ANNUALLY. SUBMIT A SIGNED CERTIFICATE OF COMPLIANCE WITHIN 30 DAYS.

**Violation Description:**

Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

**Violations**

**Violation Date:** 03/30/2022  
**Violation Program:** APSA  
**Citation:** HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)  
**Violation Notes:**

**Violation Source:** CERS  
**Violation Division:** San Bernardino County Fire Department

OBSERVATION: Monthly and annual tank integrity inspections are not being conducted per STI SP001 standards as described in the facility's SPCC plan on the used oil tank. CORRECTIVE ACTION: Submit copies of completed monthly and annual tank inspection checklists.

**Violation Description:**

Failure to test or inspect each aboveground container for integrity based on industry standards as discussed in the SPCC Plan:

1. On a regular schedule.
2. After making material repairs.
3. Use non-destructive testing.
4. Inspect each container's supports, foundations, and outside for signs of deterioration, discharges, or accumulation of oil inside diked areas.

**Violations**

**Violation Date:** 03/30/2022  
**Violation Program:** HW  
**Citation:** 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)  
**Violation Notes:**

**Violation Source:** CERS  
**Violation Division:** San Bernardino County Fire Department

Returned to compliance on 05/06/2022. OBSERVATION: Observed a 55-gallon drum of used oil missing a complete hazardous waste label. CORRECTIVE ACTION: Submit a photograph showing that the drum of used oil has been properly labeled.

**Violation Description:**

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

**Violations**

**Violation Date:** 04/24/2019  
**Violation Program:** APSA  
**Citation:** HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)  
**Violation Notes:**

**Violation Source:** CERS  
**Violation Division:** San Bernardino County Fire Department

Returned to compliance on 03/30/2022. OBSERVATION: OBSERVED RATE OF FLOW LISTED AS GRADUAL TO INSTANTANEOUS AND NO PREDICTED RATE OF FLOW LISTED IN YOUR SPCC PLAN. CORRECTIVE ACTION: UPDATE PLAN TO INCLUDE PREDICTED RATES OF FLOW FOR YOUR EQUIPMENT FAULT ANALYSIS. SUBMIT A STATEMENT INDICATING FAILURE FAULT ANALYSIS HAS BEEN UPDATED TO INCLUDE RATES OF FLOW ALONG WITH CERTIFICATE OF COMPLIANCE WITHIN 30 DAYS. ON 7/22/20 SPCC amendment review, rate of flow listed as gradual to instantaneous. No rate was provided. Violation not corrected. PS (12/16/20).

**Violation Description:**

Failure to include in the SPCC Plan a prediction of the direction, rate of flow, and total quantity of oil that could be discharged for each type of major equipment failure where experience indicates a reasonable potential for equipment failure.

The rate of flow is not required on a Tier I qualified facility SPCC Plan.

**Violations**



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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**Violation Date:** 03/30/2022  
**Violation Program:** HMRRP  
**Citation:** HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2  
**Violation Notes:**

Returned to compliance on 03/30/2023. OBSERVATION: The last Business Plan update submitted into CERS is dated 2/20/2018. CORRECTIVE ACTION: Submit a signed statement that a Business Plan update has been submitted into CERS.

**Violation Description:**

Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

**Violations**

**Violation Date:** 01/21/2016  
**Violation Program:** APSA  
**Citation:** HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)  
**Violation Notes:**

Returned to compliance on 03/14/2016. Violation Text: Plan describes physical layout of facility and includes a diagram that identifies the location and contents of all regulated fixed oil storage containers. Observation: Observed the (1) 500 gallon AST and the (1) 55 gallon drum of used oil to be missing from the SPCC plan. Compliance requirement: SPCC plan must be amended so to include the (1) 500 gallon AST and the (1) 55 gallon drum of used oil. Provide a statement indicating that the SPCC plan has been properly amended.

**Violation Description:**

Failure to adequately describe the physical layout of the facility, or no description of the physical layout of the facility included within the SPCC plan.

**Violations**

**Violation Date:** 04/24/2019  
**Violation Program:** APSA  
**Citation:** HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)  
**Violation Notes:**

Returned to compliance on 07/22/2020. OBSERVATION: OBSERVED NO SIGNATURES ON MANAGEMENT APPROVAL OR CERTIFICATION PAGES OF YOUR SPCC PLAN. CORRECTIVE ACTION: SUBMIT STATEMENT INDICATING THAT YOUR UPDATED SPCC PLAN HAS ALL REQUIRED SIGNATURES ON MANAGEMENT APPROVAL PAGES. SUBMIT REQUIRED INFORMATION ALONG WITH SIGNED CERTIFICATE OF COMPLIANCE WITHIN 30 DAYS. RECIEVED 7/22/20 SPCC PLAN UPDATES. MANAGEMENT APPROVAL PAGES HAS BEEN SIGNED. VIOLAITON CORRECTED PS (12/16/20).

**Violation Description:**

"Failure to prepare an SPCC Plan which fulfills all basic requirements that include:

1. The SPCC Plan must be prepared in accordance with good engineering practices.
2. Have full approval of management at a level of authority to commit the necessary resources to fully implement the SPCC Plan.
3. Prepare the SPCC Plan in writing.
4. Follow the sequence of the SPCC rule or include a cross-reference.
5. If the SPCC Plan calls for additional procedures, methods, or equipment not yet fully operational, discuss the items in separate paragraphs."

**Violations**

**Violation Date:** 03/30/2022  
**Violation Program:** APSA  
**Citation:** HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)  
**Violation Notes:**

OBSERVATION: A 295-gallon diesel fuel belly tank for a back up generator was not included in the current SPCC plan inventory. CORRECTIVE

<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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ACTION: Submit a signed statement that the SPCC plan has been revised to include all APSA applicable tanks and containers.

**Violation Description:**

Failure to address in the SPCC Plan the type of oil and storage capacity for each fixed container.

For mobile or portable containers, either provide the type of oil and storage capacity, or an estimate of the potential number of mobile or portable containers, the types of oil, and anticipated storage capacities.

**Violations**

**Violation Date:** 03/30/2022  
**Violation Program:** APSA  
**Citation:** HSC 6.67 25270.6(a)(1), 25270.6(a)(2) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.6(a)(1), 25270.6(a)(2)  
**Violation Source:** CERS  
**Violation Division:** San Bernardino County Fire Department

**Violation Notes:**

Returned to compliance on 03/30/2023. OBSERVATION: The last Business Plan update/tank facility statement submitted to the CUPA is dated 2/20/2018. CORRECTIVE ACTION: Submit a signed statement that the facility has submitted a completed tank facility statement to the CUPA or a complete business plan into CERS.

**Violation Description:**

Failure to submit a tank facility statement on or before January 1 annually unless a current Business Plan has been submitted.

**Violations**

**Violation Date:** 03/30/2022  
**Violation Program:** APSA  
**Citation:** HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)  
**Violation Source:** CERS  
**Violation Division:** San Bernardino County Fire Department

**Violation Notes:**

OBSERVATION: The emergency contact number for San Bernardino County Fire listed in the SPCC plan is not correct. Also, the emergency contact information has changed and must be revised. CORRECTIVE ACTION: Submit a copy of an updated emergency contacts list page.

**Violation Description:**

Failure to include in the SPCC Plan:

1. A contact list and phone numbers for the facility response coordinator, National Response Center, cleanup contractors with an agreement for response, and all Federal, State, and local agencies who must be contacted in case of a discharge
2. Information and procedures that would enable a person reporting an oil discharge to relate all information as described in 40 CFR 112.7(a)(4), unless facility submitted a Facility Response Plan.

**Violations**

**Violation Date:** 01/21/2016  
**Violation Program:** APSA  
**Citation:** HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)  
**Violation Source:** CERS  
**Violation Division:** San Bernardino County Fire Department

**Violation Notes:**

Returned to compliance on 03/14/2016. Observation: According to the facility SPCC plan, training of oil-handling personnel at the facility is initiated prior to each such individual's placement into positions with oil storage, transfer or handling and is recorded by using Appendix B of the SPCC plan. Found no training records available at the time of the inspection. Compliance requirement: Submit a copy of the SPCC training records.

**Violation Description:**

Failure to provide training regarding:

1. The operation and maintenance of equipment to prevent discharges.
2. Discharge procedure protocols.
3. Applicable pollution control laws, rules, and regulations.
4. General facility operations. AND
5. The contents of the SPCC Plan.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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#### Violations

<b>Violation Date:</b>	03/30/2022	<b>Violation Source:</b>	CERS
<b>Violation Program:</b>	HMRRP	<b>Violation Division:</b>	San Bernardino County Fire Department
<b>Citation:</b>	HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)		
<b>Violation Notes:</b>			

OBSERVATION: Hazardous materials were observed on site during the inspection that are not listed in the most current CERS inventory or are listed in lesser quantities. CORRECTIVE ACTION: Submit a signed statement that the inventory has been updated in CERS.

#### **Violation Description:**

Failure to electronically update business plan within 30 days of any one of the following events:  
 A 100 percent or more increase in the quantity of a previously disclosed material.  
 Any handling of a previously undisclosed hazardous materials at or above reportable quantities.  
 A change of business address, business ownership, or business name.  
 A substantial change in the handler's operations that requires modification to any portion of the business plan.

#### Violations

<b>Violation Date:</b>	04/24/2019	<b>Violation Source:</b>	CERS
<b>Violation Program:</b>	APSA	<b>Violation Division:</b>	San Bernardino County Fire Department
<b>Citation:</b>	HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)		
<b>Violation Notes:</b>			

Returned to compliance on 07/22/2020. OBSERVATION: OBSERVED LAST SPCC SUBMITTAL ON 9/13 AND NO UPDATE OR UPDATE PAGE COMPLETED. SUBMIT 5-YEAR UPDATE WITHIN 30 DAYS. ENSURE ALL INFORMATION IS ON ONE SPCC PLAN. CORRECTIVE ACTION: IMMEDIATELY UPDATE YOUR SPCC PLAN AND DETERMINE OF THE PLAN IS GOING TO BE AMENDED. SUBMIT A SIGNED STATEMENT INDICATING THAT THE SPCC PLAN HAS BEEN UPDATED ALONG WITH SIGNED CERTIFICATE OF COMPLIANCE WITHIN 30 DAYS. 7/22/20 SPCC plan has been submitted reflecting updates. management approval on 7/22/20

#### **Violation Description:**

Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.

#### Enforcements

<b>Enf Action Date:</b>	01/21/2016	<b>Enf Action Program:</b>	APSA
<b>Enf Action Type:</b>	Notice of Violation (Unified Program)	<b>Enf Action Source:</b>	CERS
<b>Enf Action Division:</b>	San Bernardino County Fire Department		
<b>Enf Action Description:</b>	Notice of Violation Issued by the Inspector at the Time of Inspection		
<b>Enf Action Notes:</b>			

#### Evaluations

<b>Eval Date:</b>	01/21/2016
<b>Violations Found:</b>	No
<b>Eval General Type:</b>	Compliance Evaluation Inspection
<b>Eval Type:</b>	Routine done by local agency
<b>Eval Division:</b>	San Bernardino County Fire Department
<b>Eval Program:</b>	HMRRP
<b>Eval Source:</b>	CERS
<b>Eval Notes:</b>	

ROUTINE INSPECTION; Note: data in [EVAL Notes] field for some records is truncated from the source.

<b>Eval Date:</b>	04/24/2019
<b>Violations Found:</b>	Yes
<b>Eval General Type:</b>	Compliance Evaluation Inspection
<b>Eval Type:</b>	Routine done by local agency
<b>Eval Division:</b>	San Bernardino County Fire Department

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Eval Program:	HW
Eval Source:	CERS
Eval Notes:	

HAZ MAT, HAZ WASTE AND APSA INSPECTION; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date:	03/30/2022
Violations Found:	Yes
Eval General Type:	Compliance Evaluation Inspection
Eval Type:	Routine done by local agency
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval Notes:	

Eval Date:	01/21/2016
Violations Found:	No
Eval General Type:	Compliance Evaluation Inspection
Eval Type:	Routine done by local agency
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval Notes:	

ROUTINE INSPECTION; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date:	03/30/2022
Violations Found:	Yes
Eval General Type:	Compliance Evaluation Inspection
Eval Type:	Routine done by local agency
Eval Division:	San Bernardino County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval Notes:	

Eval Date:	04/24/2019
Violations Found:	Yes
Eval General Type:	Compliance Evaluation Inspection
Eval Type:	Routine done by local agency
Eval Division:	San Bernardino County Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval Notes:	

HAZ MAT, HAZ WASTE AND APSA INSPECTION; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date:	01/21/2016
Violations Found:	Yes
Eval General Type:	Compliance Evaluation Inspection
Eval Type:	Routine done by local agency
Eval Division:	San Bernardino County Fire Department
Eval Program:	APSA
Eval Source:	CERS
Eval Notes:	

ROUTINE INSPECTION, SPCC PLAN REVIEW; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date:	04/24/2019
Violations Found:	Yes
Eval General Type:	Compliance Evaluation Inspection
Eval Type:	Routine done by local agency
Eval Division:	San Bernardino County Fire Department
Eval Program:	APSA
Eval Source:	CERS



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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#### Eval Notes:

HAZ MAT AND HAZ WASTE AND APSA INSPECTION; Note: data in [EVAL Notes] field for some records is truncated from the source.

**Eval Date:** 03/30/2022  
**Violations Found:** Yes  
**Eval General Type:** Compliance Evaluation Inspection  
**Eval Type:** Routine done by local agency  
**Eval Division:** San Bernardino County Fire Department  
**Eval Program:** APSA  
**Eval Source:** CERS  
**Eval Notes:**

#### Affiliations

**Affil Type Desc:** Owner/Operator  
**Entity Name:** San Bernardino Cnty Airports  
**Entity Title:** Operator  
**Address:** 777 East Rialto Ave  
**City:** San Bernardino  
**State:** CA  
**Country:**  
**Zip Code:** 92415  
**Phone:**

**Affil Type Desc:** Document Preparer  
**Entity Name:** Vince Corona  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:**

**Affil Type Desc:** CUPA District  
**Entity Name:** San Bernardino County Fire  
**Entity Title:**  
**Address:** 620 South E Street  
**City:** San Bernardino  
**State:** CA  
**Country:**  
**Zip Code:** 92415-0153  
**Phone:** (909) 386-8401

**Affil Type Desc:** Facility Mailing Address  
**Entity Name:** Mailing Address  
**Entity Title:**  
**Address:** 21600 Corwin Rd Suite 13  
**City:** Apple Valley  
**State:** CA  
**Country:**  
**Zip Code:** 92307  
**Phone:**

**Affil Type Desc:** Operator  
**Entity Name:** County of San Bernardino  
**Entity Title:**  
**Address:**  
**City:**  
**State:**  
**Country:**  
**Zip Code:**  
**Phone:** (909) 387-8810

**Affil Type Desc:** Parent Corporation

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Entity Name:		APPLE VALLEY AIRPORT				
Entity Title:						
Address:						
City:						
State:						
Country:						
Zip Code:						
Phone:						
Affil Type Desc:		Property Owner				
Entity Name:		COUNTY OF SAN BERNARDINO				
Entity Title:						
Address:		21600 Corwin Rd				
City:		Apple Valley				
State:		CA				
Country:		United States				
Zip Code:		92307				
Phone:		(909) 387-8810				
Affil Type Desc:		Legal Owner				
Entity Name:		County of San Bernardino				
Entity Title:						
Address:		21600 Corwin Rd Suite 13				
City:		Apple Valley				
State:		CA				
Country:		United States				
Zip Code:		92307				
Phone:		(760) 995-8761				
Affil Type Desc:		Identification Signer				
Entity Name:		VINCE CORONA				
Entity Title:		AIRPORT MAINTENANCE SUPERVISOR				
Address:						
City:						
State:						
Country:						
Zip Code:						
Phone:						
Affil Type Desc:		Environmental Contact				
Entity Name:		Maureen Snelgrove				
Entity Title:						
Address:		7000 Merrill Avenue				
City:		Chino				
State:		CA				
Country:						
Zip Code:		91710				
Phone:						
 <u>Coordinates</u>						
Env Int Type Code:		SMSWIND		Longitude:		-117.192640
Program ID:		206053		Coord Name:		
Latitude:		34.571670		Ref Point Type Desc:		Unknown
<hr/>						
<a href="#">2</a>	8 of 13	SE	0.24 / 1,260.36	2,970.68 / -10	APPLE VALLEY AIRPORT 21600 CORWIN ROAD APPLE VALLEY CA	HIST TANK
Owner Name:		COUNTY OF SAN BERNARDINO		No of Containers:		4
Owner Street:		STAR ROUTE, BOX 3		County:		SAN BERNARDINO
Owner City:		DAGGETT		Facility State:		CA
Owner State:		CA		Facility Zip:		92307
Owner Zip:		92327				
<hr/>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">2</a>	9 of 13	SE	0.24 / 1,260.36	2,970.68 / -10	MAG AVIATION FUEL APV 21600 CORWIN RD APPLE VALLEY CA 92307	RCRA NON GEN

**EPA Handler ID:** CAL000387447  
**Gen Status Universe:** No Report  
**Contact Name:** GARRY ABBORTT  
**Contact Address:** 21600 CORWIN RD. , BOX 14 , APPLE VALLEY , CA, 92307-0000 ,  
**Contact Phone No and Ext:** 760-900-0142  
**Contact Email:** GARGOYLE5814C@LIVE.COM  
**Contact Country:**  
**County Name:** SAN BERNARDINO  
**EPA Region:** 09  
**Land Type:**  
**Receive Date:** 20130716  
**Location Latitude:** 34.571687  
**Location Longitude:** -117.192479

#### Violation/Evaluation Summary

**Note:** NO RECORDS: As of Oct 2023, 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:** Yes  
**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:** 20130716  
**Handler Name:** MAG AVIATION FUEL APV  
**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:** GARRY ABBOT & MITCH LASKOWSKI  
**Date Became Current:**  
**Date Ended Current:**  
**Phone:** 760-900-0142  
**Source Type:** Implementer

**Street No:**  
**Street 1:** 21600 CORWIN RD  
**Street 2:** BOX14  
**City:** APPLE VALLEY  
**State:** CA  
**Country:**  
**Zip Code:** 92307-0000

**Owner/Operator Ind:** Current Operator  
**Type:** Other  
**Name:** GARRY ABBORTT  
**Date Became Current:**

**Street No:**  
**Street 1:** 21600 CORWIN RD.  
**Street 2:** BOX 14  
**City:** APPLE VALLEY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Date Ended Current:</b>				<b>State:</b>	CA	
<b>Phone:</b>				<b>Country:</b>		
<b>Source Type:</b>				<b>Zip Code:</b>	92307-0000	

<a href="#">2</a>	10 of 13	SE	0.24 / 1,260.36	2,970.68 / -10	SBCO - APPLE VALLEY AIRPORT 21600 CORWIN RD, SUITE 13 APPLE VALLEY CA 92307	EMISSIONS
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#### 2018 Criteria Data

<b>Facility ID:</b>	2711	<b>CERR Code:</b>	
<b>Facility SIC Code:</b>	9621	<b>TOGT:</b>	.7084923310756972111553784860557768924303
<b>CO:</b>	36	<b>ROGT:</b>	.708466788
<b>Air Basin:</b>	MD	<b>COT:</b>	.007001585
<b>District:</b>	MOJ	<b>NOXT:</b>	.0103208
<b>COID:</b>	SBD	<b>SOXT:</b>	.0000113
<b>DISN:</b>	MOJAVE DESERT AQMD	<b>PMT:</b>	.000162585513078470824949698189134808853119
<b>CHAPIS:</b>		<b>PM10T:</b>	.00016161

#### 2018 Toxic Data

<b>Facility ID:</b>	2711	<b>COID:</b>	SBD
<b>Facility SIC Code:</b>	9621	<b>DISN:</b>	MOJAVE DESERT AQMD
<b>CO:</b>	36	<b>CHAPIS:</b>	
<b>Air Basin:</b>	MD	<b>CERR Code:</b>	
<b>District:</b>	MOJ		
<b>TS:</b>	.16		
<b>Health Risk Asmt:</b>			
<b>Non-Cancer Chronic Haz Ind:</b>			
<b>Non-Cancer Acute Haz Ind:</b>			

#### 2019 Criteria Data

<b>CO:</b>	36	<b>CHAPIS:</b>	
<b>Air Basin:</b>	MD	<b>CERR Code:</b>	
<b>Facility ID:</b>	2711	<b>ROGT:</b>	.708466788
<b>District:</b>	MOJ	<b>COT:</b>	.007001585
<b>Facility SIC Code:</b>	9621	<b>NOXT:</b>	.0103208
<b>CO ID:</b>	SBD	<b>SOXT:</b>	.0000113
<b>DISN:</b>	MOJAVE DESERT AQMD		
<b>PM10T:</b>	.00016161		
<b>TOGT:</b>	.7084923310756972111553784860557768924303		
<b>PMT:</b>	.000162585513078470824949698189134808853119		

#### 2019 Toxic Data

<b>CO:</b>	36	<b>DISN:</b>	MOJAVE DESERT AQMD
<b>Air Basin:</b>	MD	<b>CHAPIS:</b>	
<b>Facility ID:</b>	2711	<b>CERR Code:</b>	
<b>District:</b>	MOJ	<b>TS:</b>	.16
<b>Facility SIC Code:</b>	9621	<b>Health Risk Asmt:</b>	
<b>COID:</b>	SBD		
<b>Non-Cancer Chronic Haz Ind:</b>			
<b>Non-Cancer Acute Haz Ind:</b>			

#### 2020 Criteria Data



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
CO:	36				CHAPIS:	
Air Basin:	MD				CERR Code:	
Facility ID:	2711				ROGT:	.708466788
District:	MOJ				COT:	.007001585
Facility SIC Code:	9621				NOXT:	.0103208
CO ID:	SBD				SOXT:	.0000113
DISN:	MOJAVE DESERT AQMD					
TOGT:		.7084923310756972111553784860557768924303				
PMT:		.000162585513078470824949698189134808853119				
PM10T:		.00016161				

#### 2020 Toxic Data

CO:	36	DISN:	MOJAVE DESERT AQMD
Air Basin:	MD	CHAPIS:	
Facility ID:	2711	CHERR Code:	
District:	MOJ	TS:	.16
Facility SIC Code:	9621	Health Risk Asmt:	
COID:	SBD		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

<u>2</u>	11 of 13	SE	0.24 / 1,260.36	2,970.68 / -10	APPLE VALLEY AIRPORT 21600 CORWIN RD APPLE VALLEY CA	UST SWEEPS
C C:	I36-000-14066			D Filename:	NSITE1	
BOE:				Page No:	103	
Comp:	14066			County:	SAN BERNARDINO	
Status:	INACTIVE			State :	CA	
No of Tanks:	4			Zip:	92307	
Jurisdic:	SAN BERNARDINO COUNTY			Latitude:	34.566259	
Agency:	ENVIRONMENTAL HEALTH - U.S.T.			Longitude:	-117.20472	
Phone:				Georesult:	S5HPNTSCZA	

#### Tank Details

Tank ID:	000004	S Contain:	NONE
O Tank ID:		Stg:	
SWRCB No:	36-000-014066-000004	Storage :	PRODUCT
Removed:	05-04-89	Storag Type:	PRODUCT
Installed:	01-01-70	P Contain:	UNKNOWN
A Date:		Content:	AVIA. GAS
Capac:	12000	ONA:	
Tank Use:	M.V. FUEL	D File Name:	NTANK1

#### Tank Details

Tank ID:	000003	S Contain:	NONE
O Tank ID:		Stg:	
SWRCB No:	36-000-014066-000003	Storage :	PRODUCT
Removed:	08-06-89	Storag Type:	PRODUCT
Installed:	01-01-70	P Contain:	UNKNOWN
A Date:		Content:	AVIA. GAS
Capac:	12000	ONA:	
Tank Use:	M.V. FUEL	D File Name:	NTANK1

#### Tank Details

Tank ID:	000001	S Contain:	NONE
O Tank ID:		Stg:	
SWRCB No:	36-000-014066-000001	Storage :	PRODUCT
Removed:	08-05-89	Storag Type:	PRODUCT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<hr/>						
Installed:	01-01-70			P Contain:	UNKNOWN	
A Date:				Content:	LEADED	
Capac:	4000			ONA:		
Tank Use:	M.V. FUEL			D File Name:	NTANK1	
 <u>Tank Details</u>						
Tank ID:	000002			S Contain:	NONE	
O Tank ID:				Stg:		
SWRCB No:	36-000-014066-000002			Storage :	PRODUCT	
Removed:	08-06-89			Storag Type:	PRODUCT	
Installed:	01-01-70			P Contain:	UNKNOWN	
A Date:				Content:	JET FUEL	
Capac:	12000			ONA:		
Tank Use:	M.V. FUEL			D File Name:	NTANK1	
<hr/>						
<u>2</u>	12 of 13	SE	0.24 / 1,260.36	2,970.68 / -10	AZTEC AVIATION, INC 21600 CORWIN RD APPLE VALLEY CA	UST SWEEPS
C C:	A36-000-16434			D Filename:	SITE10A	
BOE:	44-000217			Page No:	7	
Comp:	16434			County:	SAN BERNARDINO	
Status:	ACTIVE			State :	CA	
No of Tanks:	3			Zip:	92307	
Jurisdic:	SAN BERNARDINO COUNTY			Latitude:	34.566259	
Agency:	ENVIRONMENTAL HEALTH - U.S.T.			Longitude:	-117.20472	
Phone:				Georesult:	S5HPNTSCZA	
 <u>Tank Details</u>						
Tank ID:	000290			S Contain:		
O Tank ID:	2			Stg:	P	
SWRCB No:	36-000-016434-000290			Storage :		
Removed:				Storag Type:	PRODUCT	
Installed:				P Contain:		
A Date:	09-24-93			Content:	AVIA. GAS	
Capac:	12000			ONA:		
Tank Use:	M.V. FUEL			D File Name:	TANK10A	
 <u>Tank Details</u>						
Tank ID:	000390			S Contain:		
O Tank ID:	3			Stg:	P	
SWRCB No:	36-000-016434-000390			Storage :		
Removed:				Storag Type:	PRODUCT	
Installed:				P Contain:		
A Date:	09-24-93			Content:	AVIA. GAS	
Capac:	12000			ONA:		
Tank Use:	M.V. FUEL			D File Name:	TANK10A	
 <u>Tank Details</u>						
Tank ID:	000190			S Contain:		
O Tank ID:	1			Stg:	P	
SWRCB No:	36-000-016434-000190			Storage :		
Removed:				Storag Type:	PRODUCT	
Installed:				P Contain:		
A Date:	09-24-93			Content:	JET FUEL	
Capac:	12000			ONA:		
Tank Use:	M.V. FUEL			D File Name:	TANK10A	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>2</u>	13 of 13	SE	0.24 / 1,260.36	2,970.68 / -10	AZTEC AVIATION, INC 21600 CORWIN RD APPLE VALLEY CA	UST SWEEPS
C C:		136-000-16434	D Filename:		NSITE1	
BOE:		44-000217	Page No:		103	
Comp:		16434	County:		SAN BERNARDINO	
Status:		INACTIVE	State :		CA	
No of Tanks:		1	Zip:		92307	
Jurisdict:		SAN BERNARDINO COUNTY	Latitude:		34.566259	
Agency:		ENVIRONMENTAL HEALTH - U.S.T.	Longitude:		-117.20472	
Phone:		(619) 240-4686	Georesult:		S5HPNTSCZA	
<u>Tank Details</u>						
Tank ID:		000001	S Contain:		NONE	
O Tank ID:			Stg:			
SWRCB No:		36-000-016434-000001	Storage :		PRODUCT	
Removed:		07-28-92	Storag Type:		PRODUCT	
Installed:		01-01-72	P Contain:		BARE STEEL	
A Date:			Content:		AVIA. GAS	
Capac:		1000	ONA:			
Tank Use:		M.V. FUEL	D File Name:		NTANK1	
<u>3</u>	1 of 1	SSE	0.25 / 1,325.17	2,964.68 / -16	APPLE VALLEY AIRPORT  APPLE VALLEY CA	PFAS IND
Status:		Active	Fac Fips Code:		06071	
Fac Indian Cntry Flg:		N	Compliance Status:		No Violation Identified	
Fac Derived Huc:		18090208	EPA Programs:		CWA; RCRA	
Fac Derived Wbd:		180902080304	Federal Facility:		No	
Fac Derived Cd113:		08	Federal Agency:		-	
Fac Derived Cb2010:		060710121011111	Fac Snc Flg:		N	
Fac Informal Count:		0	AIR Flag:		N	
Last Informal Action:		-	NPDES Flag:		Y	
Formal Action Count:		0	SDWIS Flag:		N	
Last Formal Action:		-	RCRAFlag:		Y	
Fac Total Penalties:		0	TRI Flag:		N	
Fac Penalty Count:		-	GHG Flag:		N	
Date Last Penalty:		-	TRI IDs:		-	
Last Penalty Amt:		-	TRI Releases Trnsfrs:		-	
Fac Qtrs With Nc:		0	TRI on Site Releases:		-	
Programs With Snc:		0	TRI off Site Trnsfrs:		-	
Fac Percent Minority:		45.889	TRI Reporter:		-	
Fac Pop Den:		309.74	Fac Imp Water Flg:		-	
Count:		1	Fac Major Flag:		-	
Fac County:		SAN BERNARDINO	Fac Active Flag:		Y	
State Other :			Fac Inspection Count:		0	
Region:		09	Date Last Inspection:		-	
Latitude:		34.57179	Days Last Inspection:		-	
Longitude:		-117.19248				
Fac Derived Tribes:		-				
AIR IDs:		-				
CAA Permit Types:		-				
CAA NAICS:		-				
CAA SICS:		-				
NPDES IDs:		CAZ204728				
CWA Permit Types:		Minor				
CWA NAICS:		-				
CWA SICS:		4581				
RCRA IDs:		CAL000163664				
RCRA Permit Types:		Other				
RCRA NAICS:		4881 488119				
SDWA IDs:		-				
SDWA System Types:		-				
SDWA Compliance Status:		-				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>SDWA Snc Flag:</b> <b>Fac Collection Meth:</b> <b>EJSCREEN Flag Us:</b> <b>EJSCREEN Report:</b>  <b>ECHO Facility Report:</b>  <b>Industry:</b>		N ADDRESS MATCHING-HOUSE NUMBER Y https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-117.19248,%22y%22:34.57179,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1 https://echo.epa.gov/detailed-facility-report?fid=110065716032  Airports				
<u>4</u>	1 of 1	NNW	0.29 / 1,548.18	2,994.29 / 14	VICTORVILLE PBR NO 1  CA	FUDS MRS
<b>FUDS Property ID:</b> <b>DERP Program:</b> <b>Fiscal Year:</b> <b>Project No:</b> <b>Project Category:</b> <b>Proj No (HIFLD):</b> <b>FUDS Installatn ID:</b> <b>FUDS Site ID:</b> <b>SDS ID:</b> <b>USACE District:</b> <b>USACE Division:</b> <b>Se Anno Cad Data:</b> <b>USACE Dist Desc:</b> <b>USACE Div Desc:</b> <b>Featuredesc:</b> <b>Feat Name (HIFLD):</b> <b>Project Status Desc:</b> <b>Projectcategory Desc:</b> <b>Relative Priority Desc:</b> <b>State or Territory Name Desc:</b> <b>Env Restoration SIID:</b> <b>Env Restoration Site MRA ID:</b> <b>Feature Name:</b> <b>Source:</b> <b>Shape Area (HIFLD):</b> <b>Shape Leng (HIFLD):</b> <b>Shape Length (HIFLD):</b> <b>Shape Area:</b> <b>Shape Length:</b>		J09CA0675 mmrp 2022 J09CA067501  J09CA067501 CA99799F566000 01 spl spd  SPL SPD  VICTORVILLE PBR NO 1 Investigation  CA 01 J09CA067501R01 Victorville PBR #1 USACE's Geospatial MRS data layers; Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset  0.000263281890283906 0.057910297470409				
<b>Additional Information (HIFLD)</b>						
<b>Shape Length:</b> <b>Shape Leng:</b> <b>Shape Area:</b>		7057.33166762 .0579103 3963198.69921875				
<u>5</u>	1 of 1	NNE	0.51 / 2,697.02	3,019.50 / 39	VICTORVILLE PBR NO 1  APPLE VALLEY CA	FUDS
<b>FUDS Property No:</b> <b>EMS Map Link:</b> <b>FUDS INST ID:</b> <b>Status:</b> <b>SDS ID:</b> <b>NPL Status Code:</b> <b>Eligibility:</b> <b>Site Eligib:</b> <b>Current Owner:</b> <b>Has Project:</b> <b>DOD FUDS Pro:</b> <b>Project Required:</b>		J09CA0675 https://fudsportal.usace.army.mil/ems/inventory/map?id=53867 CA99799F566000 Properties with projects  Not Listed Eligible Eligible Private Sector Yes				



Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>No Further Action:</b>						
<b>Congressional District:</b>		23				
<b>Congressional Dist 117:</b>		08				
<b>Media ID:</b>						
<b>Metadata ID:</b>						
<b>Feature Desc:</b>						
<b>EPA Region:</b>		09				
<b>County:</b>		SAN BERNARDINO				
<b>Latitude:</b>		34.59166667				
<b>Longitude:</b>		-117.19583333				
<b>Fiscal year:</b>		2020				
<b>USACE Division:</b>		spd				
<b>USACE District:</b>		spl				
<b>Centroid Lat:</b>						
<b>Centroid Long:</b>						
<b>Se Anno Cad Data:</b>						
<b>Shape Length:</b>		0.0646248146957955				
<b>Shape Area:</b>		0.000225679620621599				
<b>Shape Len:</b>		.06462481				
<b>X:</b>						
<b>Y:</b>						
<b>Data Source:</b>		U.S. Army Corps of Engineers Geospatial Open Data				
<b>Property History:</b>						

Victorville PRB No. 1 was used by the Army Air Forces based at Victorville Airfield as a practice bombing area. There were no buildings on the site. The War Department improvements on the site consisted of frame butts and appurtenances. Fences and gates, and a bombing target. The bombing target, located in the center of the site, was composed of asphalt strips approximately 5 feet wide configured as three concentric circles with approximate radii of 100, 200, and 300 feet. In addition, there were two strips of asphalt which transected the concentric circles at right angles to each other. The leases on the 400 acres acquired from private land owners were terminated on 3. December 1942. On 1 November 1948, 160 acres of Victorville PRB No. 1 were informally returned to the U.S. Department of the Interior by a Letter of Transfer. The Letter of Transfer declared the bombing target to have been dedudded and certified to be free and clear of explosives or explosive objects reasonably possible to detect by visual inspection. Transfer of land from the DOD to the U.S. Department of the Interior became official on 29 March 1954, by Public Land Order 948. Currently, the site is divided into 46 parcels owned by private land owners. The site is undeveloped land.

#### Feature Description:

Victorville PRB No. 1 was used by the Army Air Forces based at Victorville Airfield as a practice bombing area. There were no buildings on the site. The War Department improvements on the site consisted of frame butts and appurtenances. Fences and gates, and a bombing target. The bombing target, located in the center of the site, was composed of asphalt strips approximately 5 feet wide configured as three concentric circles with approximate radii of 100, 200, and 300 feet. In addition, there were two strips of asphalt which transected the concentric circles at right angles to each other. The leases on the 400 acres acquired from private land owners were terminated on 3. December 1942. On 1 November 1948, 160 acres of Victorville PRB No. 1 were informally returned to the U.S. Department of the Interior by a Letter of Transfer. The Letter of Transfer declared the bombing target to have been dedudded and certified to be free and clear of explosives or explosive objects reasonably possible to detect by visual inspection. Transfer of land from the DOD to the U.S. Department of the Interior became official on 29 March 1954, by Public Land Order 948. Currently, the site is divided into 46 parcels owned by private land owners. The site is undeveloped land.

<b>6</b>	<b>1 of 1</b>	<b>N</b>	<b>0.88 / 4,649.25</b>	<b>3,035.35 / 55</b>	<b>VICTORVILLE PBR NO 1 8 MILES NORTHEAST OF VICTORVILLE VICTORVILLE CA 92392</b>	<b>ENVIROSTOR</b>
<b>Estor/EPA ID:</b>	80000405			<b>Assembly District:</b>	34	
<b>Site Code:</b>	401340			<b>Senate District:</b>	19	
<b>Nat Priority List:</b>	NO			<b>Permit Renewal Lead:</b>		
<b>APN:</b>	NONE SPECIFIED			<b>Public Partici Spclst:</b>		
<b>Census Tract:</b>	6071012101			<b>Project Manager:</b>	DANIEL CORDERO	
<b>Site Type:</b>	FUDS			<b>County:</b>	SAN BERNARDINO	
<b>Address Description:</b>	8 MILES NORTHEAST OF VICTORVILLE			<b>Latitude:</b>	34.591666666667	
<b>Office:</b>	CLEANUP CYPRESS			<b>Longitude:</b>	-117.195833333333	
<b>Special Program:</b>				<b>Acres:</b>	640 ACRES	
<b>Funding:</b>	DERA			<b>Supervisor:</b>	EILEEN MANANIAN	
<b>Cleanup Status:</b>		INACTIVE - ACTION REQUIRED AS OF 8/15/2018				
<b>Cleanup Oversight Agencies:</b>		DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY				
<b>School District:</b>						
<b>Past Use that Caused Contam:</b>		FIRING RANGE - ARTILLERY, FIRING RANGE - SMALL ARMS ETC...				
<b>Potential Media Affected:</b>		SOIL				
<b>Potential Contamin of Concern:</b>						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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EXPLOSIVES (UXO, MEC)  
MUNITIONS DEBRIS (MD)

**Site History:**

FROM THE CORPS PUBLIC GIS SYSTEM: Property Description - The site consisted of 640 acres. In May 1943, 640 acres were transferred from the U.S. Department of the Interior to the War Department through Public Land Order 125. The former Victorville PBR No. 10 is located approximately 10 miles east of Lucerne Valley, California. In November, 1948, PBR No. 10 was transferred back to the U.S. Department of the Interior; this transfer of land became official in March 1954 through PLO 948. Currently, the site is controlled by the U.S. Department of the Interior, Bureau of Land Management. The site is on undeveloped desert land. This property is known or suspected to contain military munitions and explosives of concern (e.g., unexploded ordnance) and therefore may present an explosive hazard.

Property History - Victorville PBR No. 10 was used by the Army Air Forces based at Victorville Airfield as a practice area. There were no buildings on the site. The Department of Defense (DoD) improvements on the site consisted of frame butts and appurtenances, fences and gates, and a target. The target, located in the center of the site, was composed of asphalt strips approximately 5 feet wide configured as three concentric circles with approximate radii of 100, 200, and 300 feet. In addition, there were two strips of asphalt which transected the concentric circles at right angles to each other. Victorville PBR No. 10 was informally returned to the Department of the Interior in November 1948 by a Letter of Transfer.

<b>Status:</b>	INACTIVE - ACTION REQUIRED
<b>Program Type:</b>	MILITARY EVALUATION
<b>CalEnviroScreen Score:</b>	60-65%
<b>Summary Link:</b>	<a href="https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80000405">https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=80000405</a>

**Completed Activities**

<b>Title:</b>	USACE INPR Summary J0CA067500 28 Apr 1994
<b>Title Link:</b>	<a href="https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80000405&amp;doc_id=5011047">https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80000405&amp;doc_id=5011047</a>
<b>Area Name:</b>	
<b>Area Link:</b>	
<b>Sub Area:</b>	
<b>Sub Area Link:</b>	
<b>Document Type:</b>	Inventory Project Report (INPR)
<b>Date Completed:</b>	4/28/1994
<b>Comments:</b>	

<b>Title:</b>	Technical Project Planning Memorandum
<b>Title Link:</b>	<a href="https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80000405&amp;doc_id=5010612">https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80000405&amp;doc_id=5010612</a>
<b>Area Name:</b>	
<b>Area Link:</b>	
<b>Sub Area:</b>	
<b>Sub Area Link:</b>	
<b>Document Type:</b>	Preliminary Endangerment Assessment Workplan
<b>Date Completed:</b>	5/31/2007
<b>Comments:</b>	No final letter required, refer to DTSC Comments/Review letter on 3/12/07.

<b>Title:</b>	Final Site Inspection Report for Victorville Precision Bombing Range 1
<b>Title Link:</b>	<a href="https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80000405&amp;doc_id=5012065">https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80000405&amp;doc_id=5012065</a>
<b>Area Name:</b>	
<b>Area Link:</b>	
<b>Sub Area:</b>	
<b>Sub Area Link:</b>	
<b>Document Type:</b>	*Site Inspection (SI) Report
<b>Date Completed:</b>	3/25/2008
<b>Comments:</b>	Final document submitted with DTSC comments incorporated. Report Complete.

<b>Title:</b>	Site Specific Work Plan Addendum to the Programmatic Work Plan
<b>Title Link:</b>	<a href="https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80000405&amp;doc_id=5010611">https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=80000405&amp;doc_id=5010611</a>
<b>Area Name:</b>	
<b>Area Link:</b>	
<b>Sub Area:</b>	
<b>Sub Area Link:</b>	
<b>Document Type:</b>	*Site Inspection (SI) Workplan
<b>Date Completed:</b>	9/13/2007
<b>Comments:</b>	Final workplan submitted.

## Unplottable Summary

Total: 5 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
HAZ GEN	APPLE VALLEY AIRPORT	APPLE VALLEY AIRPORT	APPLE VALLEY CA	923070000	900463935
HAZNET	1X COUNTY OF SAN BERNARDINO	APPLE VALLEY AIRPORT	APPLE VALLEY CA	000000000	826599413
HHSS	TEXACO	MUNICIPAL AIRPORT	APPLE VALLEY CA	92307	822982190
HIST MANIFEST		APPLE VALLEY AIRPORT	APPLE VALLEY CA	0	827495444
HIST TANK	TEXACO	MUNICIPAL AIRPORT	APPLE VALLEY CA		865075066

# Unplottable Report

**Site:** APPLE VALLEY AIRPORT  
APPLE VALLEY AIRPORT APPLE VALLEY CA 923070000

HAZ GEN

**Epa ID:** CAL000163664  
**Address 2:**  
**Details DTSC HWTS:** The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System:  
<https://hwts.dtsc.ca.gov/search>  
**Handler Profile URL:** <https://hwts.dtsc.ca.gov/facility/CAL000163664>

**Site:** 1X COUNTY OF SAN BERNARDINO  
APPLE VALLEY AIRPORT APPLE VALLEY CA 000000000

HAZNET

**SIC Code:**  
**NAICS Code:**  
**EPA ID:** CAC000197873  
**Create Date:** 8/7/1989  
**Fac Act Ind:** No  
**Inact Date:** 10/25/2000  
**County Code:** 36  
**County Name:** San Bernardino  
**Mail Name:**  
**Mailing Addr 1:** --  
**Mailing Addr 2:**  
**Owner Fax:**  
**Details DTSC HWTS:** The Department of Toxic Substances Control (DTSC) makes available a Waste Code Matrix showing each Waste Code, its description, and annual amounts in its Hazardous Waste Tracking System:  
<https://hwts.dtsc.ca.gov/search>  
**DTSC Handler Profile url:** <https://hwts.dtsc.ca.gov/facility/CAC000197873>

**Mailing City:** APPLE VALLEY  
**Mailing State:** CA  
**Mailing Zip:** 923070000  
**Region Code:** 4  
**Owner Name:** COUNTY OF SAN BERNARDINO  
**Owner Addr 1:** --  
**Owner Addr 2:**  
**Owner City:** --  
**Owner State:** 99  
**Owner Zip:** --  
**Owner Phone:** 0000000000

**Site:** TEXACO  
MUNICIPAL AIRPORT APPLE VALLEY CA 92307

HHSS

**County:** San Bernardino  
**Tank Details Microfiche:** <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002a783.pdf>

**Site:** APPLE VALLEY AIRPORT APPLE VALLEY CA 0

HIST MANIFEST

**Gen EPA ID:** CAC000197873  
**Create Date:** 08/07/1989 0:00  
**Inact Date:** 10/25/2000 0:00:00  
**Facility Mail Street:** --  
**Facility Mail City:** APPLE VALLEY  
**Facility Mail State:** CA  
**Facility Mail Zip:** 923070000  
**Contact Phone(s):** 6192542422  
**File Year(s):** 1989  
**Contact Name(s):** VOJKUFKA, CONNIE/FISCAL CLK II

## Tanner Information

**State Waste Code:** 223  
**Year:** 1989  
**Tons:** 2.81  
**Method Code:** R01

**Generator County:** San Bernardino  
**Tsd Epa ID:** CAT080013352  
**Tsd County:** Los Angeles



**State Waste Code Desc:** Unspecified oil-containing waste  
**Method Description:**

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**Site:** **TEXACO**  
**MUNICIPAL AIRPORT APPLE VALLEY CA**

HIST TANK

**Owner Name:** TEXACO USA  
**Owner Street:** 3350 WILSHIRE BLVD  
**Owner City:** LOS ANGELES  
**Owner State:** CA  
**Owner Zip:** 90010

**No of Containers:** 1  
**County:** SAN BERNARDINO  
**Facility State:** CA  
**Facility Zip:** 92307

## 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**

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

NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities 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. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

**Government Publication Date: Oct 26, 2023**

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

PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

**Government Publication Date: Oct 26, 2023**

##### **Deleted NPL:**

DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. 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. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

**Government Publication Date: Oct 26, 2023**

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

SEMS

The U.S. Environmental Protection Agency's (EPA) 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. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

**Government Publication Date: Sep 19, 2023**

**SEMS List 8R Archive Sites:**[SEMS ARCHIVE](#)

The U.S. Environmental Protection Agency's (EPA) 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. This data includes sites from the List 8R Archived site file.

**Government Publication Date: Sep 19, 2023**

**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). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

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

**RCRA CORRACTS-Corrective Action:**[RCRA CORRACTS](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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: Oct 2, 2023**

**RCRA non-CORRACTS TSD Facilities:**[RCRA TSD](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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 that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

**Government Publication Date: Oct 2, 2023**

**RCRA Generator List:**[RCRA LQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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: Oct 2, 2023**

**RCRA Small Quantity Generators List:**[RCRA SQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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: Oct 2, 2023**

**RCRA Very Small Quantity Generators List:**[RCRA VSQG](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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: Oct 2, 2023**

**RCRA Non-Generators:**[RCRA NON GEN](#)

RCRA Info is the U.S. Environmental Protection Agency's (EPA) 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: Oct 2, 2023**

**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: Oct 2, 2023**

**Federal Engineering Controls-ECs:**[FED ENG](#)

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). 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. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

**Government Publication Date: Oct 26, 2023**

**Federal Institutional Controls- ICs:**[FED INST](#)

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs 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 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. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

**Government Publication Date: Oct 26, 2023**



**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

**Institutional Control Boundaries at NPL sites:**

NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. 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.

**Government Publication Date:** Oct 26, 2023

**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:** Aug 12, 2023

**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 data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

**Government Publication Date:** Mar 13, 2023

**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

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (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 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. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

**Government Publication Date:** May 2, 2023

**Delisted Facility Response Plans:**

DELISTED FRP

Facilities that once appeared in - and have since been removed from - the 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:** May 2, 2023

**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:** Sep 20, 2023

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

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from the Federal Communications Commission Data hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals 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 with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

**Government Publication Date:** Sep 22, 2023

**LIEN on Property:****SEMS LIEN**

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

**Government Publication Date:** Sep 19, 2023

**Superfund Decision Documents:****SUPERFUND ROD**

This database contains a list 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 completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

**Government Publication Date:** Sep 19, 2023

**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

**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:** Oct 23, 2023

**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:** Oct 23, 2023

**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:** Oct 23, 2023

**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:** Aug 10, 2023

**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:** Oct 23, 2023

**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&amp;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:** Oct 16, 2023

**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:** Oct 16, 2023

**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:** Oct 19, 2023

**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:** Jul 13, 2023

**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:** Jul 13, 2023

**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:** Sep 18, 2023

**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:** Nov 22, 2023

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

UST CLOSURE

This listing includes Proposed Closure of Underground Storage Tank (UST) Cases which are being considered for closure by either the State Water Resources Control Board at a Future Board Meeting or the Executive Director that have been posted for a 60-day public comment period, and Closure of UST Cases with Closure Denials and Approved Orders. The lists are provided by the California Water Boards.

**Government Publication Date:** Sep 18, 2023

**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:** Oct 13, 2023

**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:** Nov 27, 2023



**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:** Oct 16, 2023

**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:** Oct 16, 2023

**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:** Oct 23, 2023

**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:** Jul 13, 2023

**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:** Oct 23, 2023

**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:** Jul 13, 2023

**Delisted Cleanup Program Sites:**[DELISTED CLEANUP](#)

A list of Cleanup Program sites which were once included - and have since been removed from - the list of Cleanup Program Sites in 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.

**Government Publication Date: Jul 13, 2023**

#### **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: Nov 28, 2023**

#### **Tribal**

##### **Leaking Underground Storage Tanks on Tribal/Indian Lands:**

**INDIAN LUST**

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 9, which includes California, is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Apr 19, 2023**

##### **Underground Storage Tanks on Tribal/Indian Lands:**

**INDIAN UST**

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 9, which includes California, is made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Apr 19, 2023**

##### **Delisted Tribal Leaking Storage Tanks:**

**DELISTED INDIAN LST**

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Apr 26, 2023**

##### **Delisted Tribal Underground Storage Tanks:**

**DELISTED INDIAN UST**

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

**Government Publication Date: Apr 26, 2023**

#### **County**

##### **San Bernardino County - CUPA List:**

**SANBERN CUPA**

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in San Bernardino County. This list is made available by San Bernardino County Fire Department which is the CUPA for all areas of the County except the city of Victorville.

**Government Publication Date: Nov 28, 2023**

### **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 U.S. Environmental Protection Agency (EPA).

**Government Publication Date: Sep 8, 2023**

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

**TRIS**

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

**Government Publication Date: Oct 19, 2022**

#### **PFOA/PFOS Contaminated Sites:**

[PFAS NPL](#)

This list of Superfund Sites with Per- and Polyfluoroalkyl Substances (PFAS) detections is made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data, previously the list was obtained by EPA FOIA requests. EPA's Office of Land and Emergency Management and EPA Regional Offices maintain what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment. Limitations: Detections of PFAS at National Priorities List (NPL) sites do not mean that people are at risk from PFAS, are exposed to PFAS, or that the site is the source of the PFAS. The information in the Superfund NPL and Superfund Alternative Agreement (SAA) PFAS detection site list is years old and may not be accurate today. Site information such as site name, site ID, and location has been confirmed for accuracy; however, PFAS-related information such as media sampled, drinking water being above the health advisory, or mitigation efforts has not been verified. For Federal Facilities data, the other Federal agencies (OFA) are the lead agency for their data and provided them to EPA.

**Government Publication Date: Sep 14, 2023**

#### **Federal Agency Locations with Known or Suspected PFAS Detections:**

[PFAS FED SITES](#)

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. The dates this data was extracted for the PFAS Analytic Tools range from March 2022 to September 2023. Sites on this list do not necessarily reflect the source/s of PFAS contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

**Government Publication Date: Sep 5, 2023**

#### **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. Locations for the Known PFAS Contamination Sites are sourced from the PFAS Sites and Community Resources Map, credited to the Northeastern University's PFAS Project Lab, Silent Spring Institute, and the PFAS-REACH team. Disclaimer: The source conveys the data 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. Access the following source link for the most current information: <https://pfasproject.com/pfas-sites-and-community-resources/>

**Government Publication Date: Oct 9, 2022**

#### **National Response Center PFAS Spills:**

[ERNS PFAS](#)

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, is the designated federal point of contact for reporting all oil, chemical, and other discharges into the environment, for the United States and its territories. This dataset contains NRC spill information from 1990 to the present that is restricted to records associated with PFAS and PFAS-containing materials. Incidents are filtered to include only records with a "Material Involved" or "Incident Description" related to Aqueous Film Forming Foam (AFFF). The keywords used to filter the data included "AFFF," "Fire Fighting Foam," "Aqueous Film Forming Foam," "Fire Suppressant Foam," "PFAS," "PERFL," "PFOA," "PFOS," and "Genx." Limitations: The data from the NRC website contains initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

**Government Publication Date: Sep 23, 2023**

#### **PFAS NPDES Discharge Monitoring:**

[PFAS NPDES](#)

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

**Government Publication Date: Sep 4, 2023**

**Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory:**

**PFAS TRI**

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment.

**Government Publication Date: Oct 19, 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 Master List of PFAS Substances.

**Government Publication Date: Jul 20, 2020**

**PFAS TSCA Manufacture and Import Facilities:**

**PFAS TSCA**

The U.S. Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. This list is specific only to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl (PFAS) substances. Data file is sourced from EPA's PFAS Analytic Tools TSCA dataset which includes CDR/Inventory Update Reporting data from 1998 up to 2020. Disclaimer: This data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

**Government Publication Date: Jan 5, 2023**

**PFAS Waste Transfers from RCRA e-Manifest :**

**PFAS E-MANIFEST**

This Per- and Poly-Fluoroalkyl Substances (PFAS) Waste Transfers dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. Every shipment of hazardous waste in the U.S. must be accompanied by a shipment manifest, which is a critical component of the cradle-to-grave tracking of wastes mandated by the Resource Conservation and Recovery Act (RCRA). According to the EPA, currently no Federal Waste Code exists for any PFAS compounds. To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: • PFAS • PFOA • PFOS • PERFL • AFFF • GENX • GEN-X (plus the Vermont state-specific waste codes). Limitations: Amount or concentration of PFAS being transferred cannot be determined from the manifest information. Keyword searches may misidentify some manifest records that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS waste transfers.

**Government Publication Date: Oct 11, 2023**

**PFAS Industry Sectors:**

**PFAS IND**

This Per- and Poly-Fluoroalkyl Substances (PFAS) Industry Sectors dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The EPA developed the dataset from various sources that show which industries may be handling PFAS including: EPA's Enforcement and Compliance History Online (ECHO) records restricted to potential PFAS-handling industry sectors; ECHO records for Fire Training Sites identified where fire-fighting foam may have been used in training exercises; and 14 CFR Part 139 Airports compiled from historic and current records from the FAA Airport Data and Information Portal. Since July 2006, all certificated Part 139 Airports are required to have fire-fighting foam onsite that meet certain military specifications, which to date have been fluorinated (Aqueous Film Forming Foam). Limitations: Inclusion in this dataset does not indicate that PFAS are being manufactured, processed, used, or released by the facility. Listed facilities potentially handle PFAS based on their industrial profile, but are unconfirmed by the EPA. Keyword searches in ECHO for Fire Training sites may misidentify some facilities and should not be considered to be an exhaustive list of fire training facilities in the U.S.

**Government Publication Date: Jul 3, 2023**

**Hazardous Materials Information Reporting System:**

**HMIRS**



The Hazardous Materials Incident Reporting System (HMIRS) database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration.

**Government Publication Date:** Mar 6, 2023

**National Clandestine Drug Labs:**

[NCDL](#)

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), 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:** Jul 26, 2023

**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 site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

**Government Publication Date:** Oct 26, 2023

**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. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

**Government Publication Date:** Nov 08, 2017

**Integrated Compliance Information System (ICIS):**

[ICIS](#)

The Integrated Compliance Information System (ICIS) database contains integrated enforcement and compliance information across most of U.S. Environmental Protection Agency's (EPA) programs. The vision for ICIS is to replace EPA's independent databases that contain enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions and a subset of the Permit Compliance System (PCS), which supports the National Pollutant Discharge Elimination System (NPDES). This information is maintained by the EPA Headquarters and at the Regional offices. A future release of ICIS will completely replace PCS and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities that support compliance and enforcement programs, including incident tracking, compliance assistance, and compliance monitoring.

**Government Publication Date: Jan 21, 2023**

**Drycleaner Facilities:**

**FED DRYCLEANERS**

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

**Government Publication Date: Jul 23, 2023**

**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: Jul 23, 2023**

**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. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

**Government Publication Date: May 15, 2023**

**FUDS Munitions Response Sites:**

**FUDS MRS**

Boundaries of Munitions Response Sites (MRS), published with the Formerly Used Defense Sites (FUDS) Annual Report to Congress (ARC) by the U.S. Army Corps of Engineers (USACE). An MRS is a discrete location within a Munitions response area (MRA) that is known to require a munitions response. An MRA means any area on a defense site that is known or suspected to contain unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC). This data is compiled from the USACE's Geospatial MRS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) MRS dataset.

**Government Publication Date: May 15, 2023**

**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: Dec 30, 2022**

**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) is provided by the United States Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

**Government Publication Date:** May 1, 2023

#### **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). This inventory contains information on the type and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The data 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. Disclaimer: Per the OSMRE, States and tribes who enter their data into eAMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

**Government Publication Date:** Jun 13, 2023

#### **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

#### **DOE Legacy Management Sites:**

**LM SITES**

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Title II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decommissioning and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

**Government Publication Date:** May 25, 2023

#### **Alternative Fueling Stations:**

**ALT FUELS**

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG), and Renewable Diesel (R20 and above) fuel type locations.

**Government Publication Date:** Aug 30, 2023

#### **Superfunds Consent Decrees:**

**CONSENT DECREES**

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

**Air Facility System:**

AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

**Registered Pesticide Establishments:**

SSTS

This national list of active EPA-registered foreign and domestic pesticide and/or device-producing establishments is based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that each producing establishment must place its EPA establishment number on the label or immediate container of each pesticide, active ingredient or device produced. An EPA establishment number on a pesticide product label identifies the EPA registered location where the product was produced. The list of establishments is made available by the U.S. Environmental Protection Agency (EPA).

Government Publication Date: Mar 1, 2023

**Polychlorinated Biphenyl (PCB) Transformers:**

PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

**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: Mar 20, 2023

**State**

**PFAS Sampling Locations:**

PFAS SAMPLING

This data is sourced from the State Water Board's GeoTracker Per- and Polyfluoroalkyl Substances (PFAS) Map tool which contains individual sampling points (i.e., soil boring, groundwater monitoring well, drinking water well for municipal drinking water systems, etc.) or a site location with PFAS analytical data. Includes analytical results that are finalized and submitted electronically by the Responsible Parties via GeoTracker's Electronic Submittal of Information Portal, and after it's accepted by a Regional Water Quality Control Board.

Government Publication Date: Sep 25, 2023

**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: Jan 31, 2022

**Non-Toxic Dry Cleaning Incentive Program:**

DRYC 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: Jan 31, 2022

**PFAS GeoTracker Cleanup Sites:**

PFAS GT CLEANUPS



A list of applicable cleanup sites from the State Water Resources Control Board's (SWRCB) GeoTracker data management system where one or more of the potential contaminants of concern are identified in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

**Government Publication Date:** Jul 13, 2023

**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, 2023

**PFAS Investigations:**

PFAS INVEST

This list of potential Per- and Polyfluoroalkyl Substance (PFAS) sites is compiled from the California State Water Resources Control Board's (SWRCB) PFAS Investigations Map tool. The SWRCB issued investigative orders, per California Water Code (CWC) Section 13267 and/or 13383, to these sites. This does not mean that PFAS has been produced, used, or discharged at these sites. Orders were also issued to the public water systems to sample wells in the vicinity of these locations. The data includes locations for airports, landfills, suspected chrome plating facilities, publicly owned treatment works (aka wastewater treatment plants), bulk fuel terminals, refineries, and military facilities that have potential sources of PFAS.

**Government Publication Date:** Nov 28, 2022

**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:** Mar 15, 2023

**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 no 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 by the California Department of Toxic Substance Control's (DTSC) EnviroStor data management system.

**Government Publication Date:** Jul 28, 2023

**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:** Oct 23, 2023

**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:** Jul 26, 2023

**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

**Handlers from Hazardous Waste Manifest Data:**

HAZNET

A list of handlers not otherwise classified as Treatment, Storage, Disposal facilities (TSDF) or generators from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

**Government Publication Date: Oct 24, 2016**

**Generators from Hazardous Waste Manifest Data:**

HAZ GEN

List of handlers listed as having generated waste from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

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

**TSDF from Hazardous Waste Manifest Data:**

HAZ TSD

List of Treatment, Storage, and Disposal Facilities (TSDFs) from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

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

**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: Sep 28, 2023**

**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: Aug 29, 2023**

**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 (MWMA). 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: Oct 4, 2023**

**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: Oct 16, 2023**

**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: Jul 13, 2023**

#### **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: Jun 16, 2023**

#### **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: Sep 15, 2023**

#### **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: Jul 13, 2023**

#### **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, 2020**

#### **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**

#### **San Bernardino County - Medical Waste Facility List:**

**MED WST SANBERN**

This list of San Bernardino County medical waste facilities is maintained by the County of San Bernardino Department of Public Health Medical Waste Program. The Medical Waste Program regulates generators of medical waste based on the Medical Waste Management Act. The program inspects medical waste facilities, facilities with on-site medical waste treatment units, and common storage areas annually. This program also investigates complaints regarding mishandling of medical waste and facilities that may be operating without a valid health permit. Some facilities that may generate medical waste include hospitals, skilled nursing facilities, blood banks, and doctors, dental and veterinarian offices.

**Government Publication Date: Oct 6, 2023**

# 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.



## APPENDIX D: QUALIFICATIONS

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## Education

University of Massachusetts Boston 2014  
Bachelor of Arts (B.A.), Environmental Science

## Training

OSHA 40 Hour HAZWOPER

## Highlights

9 years in the environmental industry  
7 years performing Phase I Environmental Site Assessments  
4 years performing Property Condition Assessments

## Experience Summary

Mr. Grondin is a Staff Assessor at Partner Engineering and Science, Inc. with over four years of experience in the Environmental Due Diligence field. He has experience performing thorough site inspections of properties including gas stations, auto repair stations, historical dry cleaners, commercial and industrial properties and apartment complexes.

From November 2014 to June 2016, Mr. Grondin worked as an Environmental Specialist providing RCRA hazardous waste management services to various clients in Boston and New York City. He served as the lead onsite support specialist for New York Methodist Hospital and Stonybrook University and was responsible for maintaining all hazardous waste accumulation areas to ensure safety and compliance with applicable state and federal regulations.

In July 2016, Mr. Grondin began working on Phase I Environmental Site Assessments and has worked on over 300 assessments in ten states nationwide. His primary responsibilities have included coordinating site inspections, conducting local, state, and federal research, building site figures using Turbo Cad, collecting soil, groundwater, radon, and sub slab soil vapor samples, and preparing technical reports. He also has four years of experience completing Property Conditions Assessments for acquisitions and refinancing for industrial, residential, hospitality, and commercial properties in Southern California.

## Project Experience

*Site Mitigation Plan/Dust Control Plan Oversight, San Francisco, CA.* Served as the lead environmental consultant on a mixed-use commercial/residential redevelopment project in the Potrero neighborhood of San Francisco. His responsibilities included air monitoring, implementing dust control procedures, maintaining daily site logs, logging shipping manifests and ensuring the subcontractors abided by health and safety procedures laid out in the Site Mitigation Plan.

*Sub Slab Soil Vapor Sampling, Culver City, CA.* Organized and oversaw the drilling and sampling of sub-slab soil vapor probes at a commercial property in Culver City.

*Symetra Portfolio, Los Angeles, CA.* Phase I ESA of three retail strip buildings with automobile repair operations, multiple above and in-ground hydraulic lifts, clarifiers, and indoor hazardous substance storage.

## Nathaniel Grondin

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*Multi-Family Residential, Los Angeles, CA.* Completed a debt level PCA Report for multi-family residential complex containing 32 residential units and associated carports

*Creative Office Under Construction, Culver City, CA.* Completed a debt level PCA Report for a four-story, 66,000-square foot office building with three level, sub-grade, automated parking structure.

*DoubleTree Hotel by Hilton Hotel Anaheim, CA.* Co-authored an equity level PCA Report for a 461-room hotel with 21,000-square foot conference center, 8,000-square foot ballroom, fitness center, outdoor swimming pool and spa, and an onsite restaurant, café, and sports bar.

### Speaking

*Environmental Scientist, Triumvirate Environmental Inc, Stonybrook University.* Mr. Grondin gave a 45-minute lecture to senior-level undergraduate students regarding hazardous waste characterization, the regulatory framework of the hazardous waste industry, and the hazardous waste determination process.

### Contact

ngrondin@partneresi.com



## Education

M.A. Environmental Studies, Brown University

B.S. Biology, University of California, Los Angeles, Emphasis in Ecology, Behavior and Evolution

## Registrations

EPA Accredited Asbestos Inspector

National Registry of Environmental Professionals: Registered Environmental Property Assessor (REPA)

## Training

California Underground Storage Tank Inspector

## Highlights

15 years in environmental service industry

14 years performing Phase I Environmental Site Assessments (ESAs), Environmental Transaction Screens, radon screening, asbestos inspections, and lead-based paint inspection

13 years of experience with multi-family properties, commercial properties, retail shopping centers, municipal and private airports, oil well properties, oil refineries, gas stations, dry cleaners, aerospace manufacturers, dry cleaning plants, hotels, auto dealership and repair facilities, and various manufacturing operations throughout the US

8 years of project management experience in Environmental Assessments, Property Condition Assessments, Physical Needs Assessments, seismic evaluations, and ALTA Surveys, compliance reports

5 years of project management experience in ESAs and PCAs for properties located in Mexico, Canada, the Caribbean, Southeast Asia and South Pacific

## Experience Summary

Ms. Churchill has served as an environmental scientist, project manager, senior author, or client manager for projects associated with thousands of real estate transactions. Ms. Churchill is familiar with the due diligence requirements of a varied number of reporting standards, including ASTM, EPA's All Appropriate Inquiry (AAI), Freddie Mac, Fannie Mae DUS, and U.S. Small Business Administration's (SBA) SOP 50 10. She also has experience with fulfilling numerous customized client scopes of work. Furthermore, Ms. Churchill has working experience in performing biological and noise assessments, and in preparing and reviewing environmental documentation in support of CEPA and NEPA.

While in graduate school, Ms. Churchill's Masters Thesis research focused on evaluating the potential of Japanese Knotweed (an invasive plant species) as an effective phytoremediator of heavy metal contaminated soils along a historically polluted river in Rhode Island. Phytoremediation refers to the natural ability of certain plants called hyperaccumulators to bioaccumulate contaminants in soil. Hyperaccumulators can be grown and harvested economically, leaving the soil with a greatly reduced level of toxic contamination. This cost-effective approach to remediation has gained increasing popularity in both academic and practical circles.

Ms. Churchill previously worked for the City of El Segundo, where she regularly collaborated with other local CUPAs to ensure compliance with State and Federal regulations. Ms. Churchill's responsibilities included implementing and enforcing elements of the CUPA program including the following: hazardous waste



## Lyly Churchill, MA

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generator program; underground storage tank program; Hazardous Material Release Response Plan (Business Plan) Program and the California Accidental Release Response Plan (CalARP) Programs. Ms. Churchill also worked on enforcing city specific environmental programs such as Stormwater Pollution Prevention and Industrial Wastewater Discharge. As the Principal Environmental Specialist for the City, Ms. Churchill worked with large industries such as Chevron, Northrop Grumman, Boeing and International Rectifier to ensure regulatory compliance pertaining to business operations and remedial activities.

### Project Experience

*International Airport Portfolio* - Project Manager and Senior Reviewer for Phase I ESAs and PCAs of a confidential acquisition of airport facilities throughout the South Pacific and Southeast Asia. The project involved working with many foreign agencies and coordinating dual scope site visits at all facilities within a 2-week time frame.

*West Coast Gas Station Portfolio* - Project Manager for limited PCAs of an acquisition of gas station/car wash facilities throughout California, Oregon and Washington.

*Mexico Industrial Site Portfolio* - Project Manager and Senior Reviewer for Phase I ESAs of an acquisition of industrial/warehouse facilities throughout Northern Mexico. The project involved coordinating site inspections of multiple industrial facilities with private security in high - risk danger areas.

*Office Tower Portfolio, Los Angeles* - Project Manager and Senior Reviewer for Phase I ESAs of a \$1.34 Billion acquisition of Class A office buildings in Los Angeles.

*Freddie Mac Multi-Scope Portfolio* - Project Manager and Senior Reviewer for Phase I ESAs, PCAs and PMLs of an acquisition of multifamily apartment complexes throughout Southern California. The project involved coordinating three different scopes of specially qualified assessors to conduct site visits with radon and ACM sampling.

### Contact

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