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# **Appendix F**

## Phase I Environmental Site Assessments



# PHASE I ENVIRONMENTAL SITE ASSESSMENT



PERFORMED ON:

## **143.41 ACRE TRACT (UNDEVELOPED)**

STODDARD WELLS ROAD  
APPLE VALLEY, SAN BERNADINO COUNTY, CALIFORNIA 92307  
CCG PROJECT #: CCG-5024

PREPARED FOR:

## **COVINGTON INVESTMENTS, LLC**

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PREPARED BY:

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## 1.0 INTRODUCTION

### 1.1 Executive Summary

Subject Property Name: 143.41 Acre Tract (Undeveloped)

Address: Stoddard Wells Road  
Apple Valley, San Bernadino County, California 92307

Site Location Intersection: ~0.50-mile northeast of the intersection of Interstate Highway 15 and Stoddard Wells Road

Site Acreage: 143.41 acres - According to the San Bernadino County Assessor's Office

Current Property Use: The subject property is currently undeveloped.

Number of Buildings/Stories: N/A

Number of Tenant Spaces: N/A

Approximate Square Footage: N/A

Current Occupancy: N/A

Construction Year: N/A

Historic Property Use: Undeveloped land since at least 1948.

Consolidated Consulting Group, LLC (CCG) has performed a Phase I Environmental Site Assessment (ESA) in general conformance with the scope and limitations of ASTM Practice E-1527-13, on the 143.41 Acre Tract (Undeveloped) property located at Stoddard Wells Road, in Apple Valley, San Bernadino County, California 92307 (herein referred to as the “subject property”). Any exceptions to, or deletions from, this practice are described in Section 1.4 “Investigation Requirements Not Satisfied”.

*A historical recognized environmental condition (HREC) is defined under ASTM E1527-13 as “a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.” **This assessment has revealed no evidence of HRECs in connection with the subject property.***

*A controlled recognized environmental condition (CREC) is defined under ASTM E1527-13 as “a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.” **This assessment has revealed no evidence of CRECs in connection with the subject property.***

*A recognized environmental condition (REC) is defined under ASTM E1527-13 as “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.” **This assessment has revealed no evidence of RECs in connection with the subject property.***

*A business environmental risk (BER) is defined under ATSM E1527-13 as “a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice.” **This assessment has revealed no evidence of BERs in connection with the subject property.***

*A de minimis condition is defined under ASTM E1527-13 as “a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies.” **This assessment has revealed the following evidence of de minimis conditions in connection with the subject property:***

- CCG did not observe any evidence of current or historic landfills on the subject property. However, several debris piles / dump sites and scattered windblown debris were observed throughout the subject property, with the most concentrated area of debris / waste being observed on the southern and western portions of the subject property, proximate to Stoddard Wells Road and Interstate Highway 15 respectively. Observed debris generally consisted of municipal waste (paper, plastic, etc.) and construction debris (lumber, concrete, asphalt / gravel, etc.); however, multiple scrap tires were also observed. No staining or other obvious evidence of petroleum product / hazardous substance releases was observed in or around the debris. CCG considers the observed debris (including scrap tires) to represent a de minimis condition in connection with the subject property.

**Recommendation:** CCG recommends that the observed debris / wastes be removed from the subject property, and properly disposed of in accordance with all applicable local, state and federal guidelines. If during future development activities visually impacted soils are identified, impacted soils should be

excavated, removed and properly disposed of. Confirmatory soil samples should be collected during excavation to ensure that the extent of impacted soils has been removed.

***This assessment has revealed the following evidence of Noteworthy Issues in connection with the subject property:***

- Several unnamed washes / drainage features run north to south through the central portion of the subject property. Based on CCG's desktop review of soil information, FEMA Flood Zone Maps, NWI maps, topographic maps and observations made during site reconnaissance, the following potential wetland indicators were identified:
  - Observations made during the site reconnaissance identified potential wetland indicators in the area of the on-site surface water features.
  - Review of NWI maps indicates the on-site surface water features are identified as an R4SBJ (Riverine, Intermittent, Streambed, Intermittently Flooded) wetland area.
  - Review of NRCS soil data indicates that some (but not all) on-site soils are described as hydric soils.
  - Review of FEMA flood map data indicates that the subject property is located in Flood Zone D.

***Recommendation:*** Considering the indications of wetland features and/or jurisdictional waters described above, CCG recommends that prior to initiating activities which may impact the potential wetland areas/jurisdictional waters identified on the subject property, that an evaluation of these areas and any subsequent associated regulatory requirements be conducted.

- A review of the Flood Insurance Rate Map (FIRM), published by the Federal Emergency Management Agency (FEMA), was performed by CCG. According to Community Panel, Map Numbers 06071C5810H & 06071C5830H, dated August 28, 2008, the subject property is located entirely within Flood Zone D. Flood Zone D is defined as "Areas with possible but undetermined flood hazards. No flood hazard analysis has been conducted. Flood insurance rates are commensurate with the uncertainty of the flood risk."

***Recommendation:*** CCG recommends that prior to initiating activities which may disturb or impact the identified flood zone, that an evaluation of local, state and federal regulatory requirements be conducted. If development of the subject property occurs in the future, flood insurance may be necessary.

- Federally-listed threatened and endangered species and their habitats are protected under the Endangered Species Act of 1973, as amended. Individuals of state-listed species are protected under state law, although their habitats are not currently given regulatory protection. A review of endangered species on or in the vicinity of the subject property is beyond the scope of this investigation. However, according to the California Department of Fish & Wildlife there are multiple rare, threatened or endangered species listed for San Bernardino County.

***Recommendation:*** If future development will disturb the undeveloped portions of the subject property, an evaluation for Threatened or Endangered Species may be required.

### ***1.2 Purpose***

The purpose of this investigation is to conduct a Phase I Environmental Site Assessment (ESA), in general conformance with ASTM 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process on a parcel of commercial real estate (subject property) with respect to the range of contaminants within the scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601). This assessment is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability: that is, the practice that 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).

The purpose of a Phase I ESA is to evaluate environmental issues which may have a financial or liability impact on the owners of a parcel of property. The goal of this process is to identify the presence or likely presence of any hazardous substances or petroleum products on the property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, ground water, or surface water of the property.

CCG understands this assessment of the subject property was performed as part of a pending financial transaction.

### ***1.3 Scope of Work***

Consolidated Consulting Group, LLC was retained to perform a Phase I Environmental Site Assessment on the subject property in general conformance with ASTM 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment.

The following scope of services summarizes the activities performed by Consolidated Consulting Group, LLC:

- ◆ Survey the subject property and observe the adjacent and surrounding properties for the purposes of identifying land use and activities that may potentially affect the environmental integrity of the subject property.
- ◆ Interview available present and past owners and occupants of the subject property to identify current/historic subject property uses.
- ◆ Review available historic information for the subject property from first developed use to present.
- ◆ Interview accessible local, city, parish and state personnel to solicit pertinent environmental information regarding the subject property.
- ◆ Review available federal, state and local regulatory database information as prescribed in ASTM 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.
- ◆ Provide findings, conclusions and recommendations to the Client as a result of the information gathered.

ASTM 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process does not specifically call for the Phase I ESA report to address business environmental risks (BERs) or additional services. Business environmental risk is defined in the standard as “*a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business environmental risk issues may involve addressing one or more non-scope considerations, some of which are identified in Section 13 (of the standard)*”. In order to better serve the Client, CCG has included a consideration of business environmental risks in the relevant section of this report and the additional services listed in Section 5.4 “Additional Services” as a part of this investigation.

In preparing this report, Consolidated Consulting Group, LLC has relied upon and presumed accurate, certain information (or the absence thereof) about the subject property and adjacent properties provided by governmental officials and agencies, the Client and others identified herein. The accuracy of the results of the regulatory agency database searches are constrained and limited by the level of care and professional skill exercised by the subcontractors retained by Consolidated Consulting Group, LLC to perform these tasks. Except as otherwise stated in this report, Consolidated Consulting Group, LLC has not attempted to verify the accuracy or completeness of such information.

The conclusions and recommendations contained in this report/assessment are based upon professional opinions with regard to the subject matter. These opinions have been formulated in accordance with currently accepted industry standards and practices. The data reported and the findings, observations, and conclusions expressed in the report contain all of the limitations inherent in the methodologies referred to in ASTM 1527-13. Because of these limitations, the findings, observations, and conclusions expressed by CCG in this report are not, and should not be considered, an opinion concerning the compliance of any past or present owner or operator of the site with any federal, state or local law or regulations. No warranty or guarantee, whether expressed or implied, is made with respect to the data reported. Furthermore, the results of this Phase I Environmental Site Assessment as reported herein are in no way intended to represent a guarantee that the subject property is free from the presence of past, present, or future contamination from hazardous substances; rather, it only represents that a reasonable inquiry has been conducted to ascertain the likelihood of such contamination under current applicable law.

Consolidated Consulting Group, LLC derived the data in this report primarily from visual inspections, examination of records in the public domain and interviews with individuals knowledgeable with the Site history. The passage of time, manifestation of latent conditions or occurrence of future events may require further exploration at the subject property, analysis of the data and reevaluation of the findings, observations, conclusions and recommendations expressed in this report. Conclusions and recommendations are based solely upon conditions in existence at the subject property at the time of the investigation.

#### ***1.4 Investigation Requirements Not Satisfied***

This Phase I ESA substantially complies with ASTM 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, except for the following exceptions and/or limiting conditions.

- CCG was unescorted during the site inspection.
- CCG provided interview questionnaires to the *User* of this report, the Property Owner Representative and the Key Site Manager regarding issues of environmental concern relating to the subject property. At the time of writing, the interview questionnaires had not been returned to CCG. However, it is the Environmental Professional's opinion that sufficient information regarding the current and historic use of the subject property was obtained through other sources that the lack of the interview questionnaires will not alter the conclusions of this report.
- ASTM E 1527-13 "Standard for Environmental Site Assessments" suggests historical usage for a property be determined back to 1940 or the property's first developed use, whichever is earliest. CCG reviewed Aerial Photographs back to 1948, Topographic Maps back to 1957 and City Directories back to 1971, but was unable to document the historical usage of the subject property prior to 1948 due to data failure. In addition, CCG was not able to research the site history at 5-year intervals. No additional historical sources that were deemed reasonably ascertainable and likely to be sufficiently useful were identified at the time of the assessment. However, it is the Environmental Professional's opinion that this limitation would not alter the conclusions of this report.
- CCG contacted the San Bernadino County / City of Apple Valley Fire Department, Environmental Health Department and Building Inspection Department for information regarding hazardous material spills, permits for water wells, grease traps, septic systems, ASTs/USTs and general information regarding environmental issues/complaints associated with the subject property. At the time of writing, a response from these departments has not been received. Any pertinent information will be forwarded to the Client upon receipt. However, it is the Environmental Professional's opinion that this limitation would not alter the conclusions of this report.

There were no other unmet requirements of the ASTM 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

It is the Environmental Professional's opinion that these limitations, data gaps and/or data failures would not alter the conclusions of this report. No other exceptions, limitations, data gaps and/or data failures were encountered during the course of this investigation.

## **2.0 USER PROVIDED INFORMATION**

The purpose of this section is to summarize and evaluate information provided by the *User* that may assist in the identification of recognized environmental conditions and business environmental risks in connection with the subject property.

### ***2.1 Title Records***

Title records can be reviewed to identify potential environmentally suspect historic owners of the subject property.

The *User* did not provide CCG with any title records for review.

### ***2.2 Environmental Liens / Activity and Use Limitations***

Reasonably ascertainable recorded land title records and lien records that are filed under federal, tribal, state, or local law can be reviewed to identify environmental liens or activity and use limitations (AULs), if any, that are currently recorded against the subject property.

The *User* did not inform CCG of any environmental liens, AULs, institutional controls or engineering control restrictions imposed on the subject property.

### ***2.3 Specialized Knowledge***

If the *User* is aware of any specialized knowledge or experience that is material to recognized environmental conditions or business environmental risk in connection with the subject property, it is the *User's* responsibility to communicate any information based on such specialized knowledge or experience to the environmental professional. The *User* should do so before the environmental professional conducts the site reconnaissance.

The *User* did not inform CCG of any specialized knowledge or experience that is material to recognized environmental conditions or business environmental risk in connection with the subject property.

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

If the *User* is aware of any commonly known or reasonably ascertainable information within the local community about the subject property that is material to recognized environmental conditions or business environmental risk in connection with the subject property, it is the *User's* responsibility to communicate such information to the environmental professional. The *User* should do so before the environmental professional conducts the site reconnaissance.

The *User* did not inform CCG of any commonly known or reasonably ascertainable information within the local community about the subject property that is material to recognized environmental conditions or business environmental risk in connection with the subject property.

### ***2.5 Valuation Reduction for Environmental Issues***

If the *User* is aware that the sales price or valuation of the subject property has been reduced due to identified or potential environmental issues relating to the subject property, it is the *User's* responsibility to communicate such information to the environmental professional. The *User* should do so before the environmental professional conducts the site reconnaissance.

The *User* did not inform CCG of any valuation reductions for the subject property based on environmental issues.

### ***2.6 Identification of the Key Site Manager***

As the subject property is currently undeveloped, a Key Site Manager was not identified.

### **3.0 SITE DESCRIPTION**

#### ***3.1 Site Name and Address***

Subject Property Name: 143.41 Acre Tract (Undeveloped)  
Street Address: Stoddard Wells Road  
City: Apple Valley (inside the Corporate City Limits)  
County: San Bernadino County  
State: California  
Zip Code: 92307

#### ***3.2 Legal Description***

Central Appraisal District 0472-211-05-0000, 0472-211-06-0000, 0472-211-15-0000, 0472-222-06-0000 & 0472-222-11-0000  
(CAD) Account No:  
Current Owner: Elephant Land LLC  
Abbreviated Legal Description: Please refer to Section 7.2.1 “General Public Records” for the legal description of the subject property.  
Number of Parcels: Five (5)

#### ***3.3 Site and Vicinity General Characteristics***

Site Location Intersection: ~0.50-mile northeast of the intersection of Interstate Highway 15 and Stoddard Wells Road  
Site Access: Stoddard Wells Road to the south and Interstate Highway 15 to the west  
Site Acreage: 143.41 acres - According to the San Bernadino County Assessor’s Office  
Development of Surrounding Areas: Please refer to Section 4.3 “Properties and Areas Surrounding the Site” for information regarding the development of the surrounding areas.

#### ***3.4 Site Description***

##### **General Information**

Number of Buildings/stories: N/A  
Number of Tenant Spaces: N/A  
Net Rentable Square Footage: N/A  
Gross Square Footage: N/A  
Construction Year: N/A  
Amenities: N/A

**Structural/Finish-out**

Exterior Façade: N/A  
Roof Type: N/A  
Interior Wall Coverings: N/A  
Ceiling Type: N/A  
Floor Coverings: N/A  
Interior Lighting: N/A

**Mechanical Systems**

HVAC Type: Please refer to Section 5.0 “Site Reconnaissance and Investigation” for a discussion of the HVAC Systems.  
Hot Water Source: Please refer to Section 5.0 “Site Reconnaissance and Investigation” for a discussion of the Hot Water Source.

**Site Paving/Landscaping**

Paving:  Concrete  Asphalt  
 Pavers  Gravel  
 Other: Dirt / Gravel

Landscaping:  Grass Turf  Native Grasses  
 Shrubs  Heavily Wooded  
 Decorative Trees  Agricultural Fields  
 Mature Trees  Other:

Please refer to Section 5.2.8 “Landfills” for additional information regarding the debris / dumping observed throughout the subject property.

**Utility Providers**

Please refer to Section 5.0 “Site Reconnaissance and Investigation” for a discussion of the individual utility providers.

**Special Utility Structures**

Please refer to Section 5.0 “Site Reconnaissance and Investigation” for a discussion of special utility structures on the subject property.

### ***3.5 Current Uses of the Site***

Current Property Use:       Retail/Commercial                       Multi-family Residential  
    Office/Commercial                       Agricultural Land  
    Flex Warehouse                               Vacant Land  
    Industrial                                       Undeveloped Land  
    Automotive/Gas Station                       Other:

Current Occupancy:                      N/A

Comments:                                      No environmental concerns regarding the current owners or occupants of the subject property were identified during the course of this investigation.

### ***3.6 Owners and Occupants of the Site***

Current Owner:                              Elephant Land LLC

Current Tenants:                              The subject property is currently undeveloped.

Comments:                                      With the exception of the debris / dumping observed throughout the property, no environmental concerns regarding the current use of the subject property were identified during the course of this investigation. Please refer to Section 5.2.8 “Landfills” for additional information.

### ***3.7 Recorded Land Title Records***

Please refer to Section 2.2 “Environmental Liens / Activity and Use Limitations” for additional information.

## 4.0 RECORDS REVIEW

The purpose of this section is to summarize and evaluate information from general public and government environmental records with regard to the physical setting, historical use, current use and environmental listings for the subject property and surroundings. Copies of all maps, public records and non-copyright protected documents are appended to this report in Section 7.0 “Appendices”.

### 4.1 Physical Setting Sources

#### 4.1.1 Topography

Topo Quad:	Victorville, CA / Apple Valley North, CA
Topo Date:	1957, 1958, 1960, 1964, 1968, 1969, 1974, 1980, 1982, 1985, 1987, 1993, 2012, 2015 & 2018
Subject Property Elevation:	Approximately 2,920 - 3,000 feet above Mean Sea Level
On-site Slope:	South
Slope based on topo contours:	South
Comments:	Based on a review of topographic conditions, the adjacent properties to the north appear to be located topographically upgradient of the subject property. A copy of the most recent USGS topographic map is included in Appendix 7.1.4 “Topographical Maps”.

#### 4.1.2 Nearest Surface Water

Nearest Surface Water Name:	Unnamed drainage features
Distance / Direction:	On-site
Comments:	Please refer to Section 4.1.3 “Wetlands & Jurisdictional Waters” below for additional information.

#### 4.1.3 Wetlands & Jurisdictional Waters

On-site Suspect Wetlands or Jurisdictional Waters Observed:	Yes – Several unnamed washes / drainage features run north to south through the central portion of the subject property. While they were dry at the time of CCG’s site inspection, these surface water features exhibit potential wetland hydrology indicators such as drainage patterns and drift deposits.
Adjacent Suspect Wetlands or Jurisdictional Waters Observed:	Yes – The above-mentioned washes / drainage features extend onto the adjoining properties.
Documented Wetlands Identified:	Yes – The above-mentioned washes / drainage features are identified as an R4SBJ (Riverine, Intermittent, Streambed, Intermittently Flooded) wetland areas.
Source:	Victorville, CA / Apple Valley North, CA Topographic Map, dated 1957, 1958, 1960, 1964, 1968, 1969, 1974, 1980, 1982, 1985, 1987, 1993, 2012, 2015 & 2018; U.S. Fish & Wildlife Service, Geospatial Wetlands Digital Data website

Comments: Based on CCG's desktop review of soil information, FEMA Flood Zone Maps, NWI maps, topographic maps and observations made during site reconnaissance, the following potential wetland indicators were identified:

- Observations made during the site reconnaissance identified potential wetland indicators in the area of the on-site surface water features.
- Review of NWI maps indicates the on-site surface water features are identified as an R4SBJ (Riverine, Intermittent, Streambed, Intermittently Flooded) wetland area.
- Review of NRCS soil data indicates that some (but not all) on-site soils are described as hydric soils.
- Review of FEMA flood map data indicates that the subject property is located in Flood Zone D.

#### ***4.1.4 Floodplain***

FEMA Community Panel 06071C5810H & 06071C5830H  
Date: August 28, 2008  
Flood Zone D  
Description: Areas with possible but undetermined flood hazards. No flood hazard analysis has been conducted. Flood insurance rates are commensurate with the uncertainty of the flood risk.  
Comments: A review of the Flood Insurance Rate Map (FIRM), published by the Federal Emergency Management Agency (FEMA), was performed by CCG. According to Community Panel, Map Numbers 06071C5810H & 06071C5830H, dated August 28, 2008, the subject property is located entirely within Flood Zone D. Flood Zone D is defined as "Areas with possible but undetermined flood hazards. No flood hazard analysis has been conducted. Flood insurance rates are commensurate with the uncertainty of the flood risk."

#### ***4.1.5 Soils***

Source: United States Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS) website (<http://websoilsurvey.nrcs.usda.gov>)  
Soil Type: 118 – Cajon-Arizo complex, 2 to 15 percent slopes  
133 – Helendale-Bryman loamy sands, 2 to 5 percent slopes  
151 – Nebona-Cuddeback complex, 2 to 9 percent slopes  
Soil Description: Please refer to the National Resource Conservation Services (NRCS) Soil Map included in Appendix 7.1.7 "Other Maps & Data" for additional information.

#### **4.1.6 Geology**

Source: Groundwater Atlas of the United States – Segment 1

Description: The structural deformation that produced the system of basins and ranges generally began in Tertiary time with block faulting along steeply dipping normal faults. Crustal extension produced horst and graben blocks in some places and tilted blocks in others. The downthrown parts of the blocks became basins; the upthrown parts became mountain ranges. Vertical displacement across the fault zones exceeded 10,000 feet in some areas. Many of the resulting basins are asymmetrical because the grabens are not centered in the valleys. As the mountain blocks were uplifted and eroded, sediment was carried by streams into the basins, and alluvial fans were formed. The fans coalesced to produce broad surfaces that sloped gently to the center of the basins, where fine grained sediments were deposited in lakes and playas. Coarse-grained sediments tended to be deposited near the steeper margins of basins. Fault movement resulting from continuing deformation offset some of these older sediments. Deformation and sedimentation occurred at different rates through the area; as a result, the thickness, areal extent, and grain size of the basin fill are highly varied.

Basin fill primarily consists of unconsolidated to moderately consolidated, well- to poorly sorted beds of gravel, sand, silt, and clay deposited on alluvial fans, pediments, flood plains, and playas. More cemented or compact sediments in the older basin fill and finer grained sediments near the center of the basin are less permeable than the coarser grained sediments near the margins of the basins. Evaporites, such as gypsum, anhydrite (calcium sulfate), and halite (rock salt) are present in the deeper fine-grained sediments of the central parts of some basins. Extrusive volcanic rocks also are interspersed with basin fill in some basins; volcanic rocks overlie basin fill in a few areas. The thickness of the basin fill is not well known in some basins but ranges from about 1,000 to 5,000 feet in many basins and may exceed 10,000 in a few deep basins in Utah and south-central Arizona.

#### **4.1.7 Hydrology**

Source: Groundwater Atlas of the United States – Segment 1

Description: The Basin and Range aquifers are located in an area that comprises most of Nevada and the southern California desert. The water-yielding materials in this area are in valleys and basins, and consist primarily of unconsolidated alluvial-fan deposits, although locally flood plain and lacustrine (lake) beach deposits may yield water to wells. Also, the consolidated volcanic and carbonate rocks that underlie the unconsolidated alluvium are a source of water if the consolidated rocks are sufficiently fractured or have solution openings. Many of these valleys and basins are internally drained; that is, water from precipitation that falls within the basin recharges the aquifer and ultimately discharges to the land surface and evaporates within the basin. Ground water is

generally under unconfined, or water-table, conditions at the margins of the basins, but as the unconsolidated deposits become finer grained toward the centers of the basins, the water becomes confined. Rarely, basins might be hydraulically connected in the subsurface by fractures or solution openings in the underlying bedrock. These multiple-basin systems end in a terminal discharge area, or sink, from which water leaves the flow system by evaporation. Also, several basins or valleys may develop surface-water drainage that hydraulically connects the basins, and ground water flows between the basins, mostly through the unconsolidated alluvial stream/flood plain sediments

#### ***4.1.8 Depth to Groundwater***

Site Specific Depth to Groundwater:	Unknown
General Depth of Regional Groundwater:	Based on a review of surface water features and topographic conditions in the subject property area, perched tables are anticipated to be encountered at depths >100 feet below ground surface.

#### ***4.1.9 Groundwater Utilization***

On-site Water Wells:	None Observed or Reported
Comments:	According to the subject property management, groundwater is not currently utilized on the subject property.

#### ***4.1.10 Groundwater Direction***

Site Specific:	Unknown
Regional:	South
Comments:	In order to determine actual groundwater flow beneath a site it is necessary to install a network of at least three permanent groundwater monitoring wells and perform a relative elevation survey. However, general groundwater flow can be inferred based on the natural slope of the land surface in the area of the subject property.

#### ***4.1.11 Oil and Gas Exploration/Distribution***

Current On-site/Adjacent Oil or Gas Exploration:	None Observed
Historic On-site/Adjacent Oil or Gas Exploration:	None Identified
Current On-site/Adjacent Pipeline:	Yes - A natural gas transmission pipeline runs northeast-southwest through the northwest corner of the subject property. According to the U.S. DOT National Pipeline Mapping System Website, the pipeline is currently in operation and is owned by the Pacific Gas & Electric Co. (PG&E). CCG contacted PG&E for additional information regarding the natural gas pipeline (use, history, possible releases, etc.). At the time of

writing a response had not been received. Upon receipt CCG will forward any pertinent information to the client.

Because natural gas volatilizes under standard atmospheric pressure, a release of natural gas from the pipeline is not likely to adversely impact the subject property. However, a natural gas transmission pipeline does have the potential to adversely impact the soil and groundwater as a result of a petroleum hydrocarbon condensate leak. Petroleum hydrocarbon condensate in a natural gas pipeline is similar in composition to gasoline. Condensate can accumulate in low spots in the pipeline, causing corrosion and potentially a leak/release of the liquid petroleum hydrocarbon condensate.

However, given that this type of release is not a common occurrence and that the pipeline owner/operator would likely be identified as a responsible party, it is CCG's opinion that the owner of the subject property would not be held liable for adverse environmental impacts to the soil and groundwater associated with a release of petroleum hydrocarbon condensate from a natural gas transmission pipeline.

Historic On-site/Adjacent Pipeline:

None Identified

Source:

Site reconnaissance, U.S. DOT National Pipeline Mapping System Website, historical USGS Victorville, CA / Apple Valley North, CA topographical maps and historical aerial photographs

Comments:

None

## **4.2 Historical Use Information**

### **4.2.1 Prior Uses of the Subject Property**

Historic Sources Researched: Historic aerial photographs, city directories, topographic maps and interviews with City/County officials and other individuals familiar with the history of the subject property

Earliest Date Researched: 1948 - Aerial Photograph

Historic Use of the Subject Property & Date Range: Undeveloped land since at least 1948.

Development Date of Current Improvements: N/A – The subject property is currently undeveloped.

Environmental Concerns Associated with Historic Use of the subject property:

<input type="checkbox"/> Historic Industrial Use	<input type="checkbox"/> Historic Agricultural Use
<input type="checkbox"/> Historic Dry Cleaner	<input type="checkbox"/> Historic Sand/Gravel Mining
<input type="checkbox"/> Historic Gas Station	<input type="checkbox"/> Other: Undocumented Fill
<input checked="" type="checkbox"/> No Environmental Concerns Associated with Historic Use of the Subject Property	

Comments: None

Historic Data Gaps: Yes - See below

Historic Data Failure: Yes - See below

Comments: ASTM E 1527-13 “Standard for Environmental Site Assessments” suggests historical usage for a property be determined back to 1940 or the property’s first developed use, whichever is earliest. CCG reviewed Aerial Photographs back to 1948, Topographic Maps back to 1957 and City Directories back to 1971, but was unable to document the historical usage of the subject property prior to 1948 due to data failure. In addition, CCG was not able to research the site history at 5-year intervals. No additional historical sources that were deemed reasonably ascertainable and likely to be sufficiently useful were identified at the time of the assessment. However, it is the Environmental Professional’s opinion that this limitation would not alter the conclusions of this report.

#### 4.2.2 Summary of Prior Phase I ESA, Environmental Checklists & Helpful Documents

CCG requested information from the User, Property Owner and Property Manager regarding the following documents/reports:

- Prior environmental compliance audit reports
- Environmental permits (i.e. solid waste disposal permits, hazardous waste disposal permits, waste water permits, NPDES permits, underground injection permits)
- Registrations for underground and above-ground storage tanks
- Safety data sheets
- Community Right to Know plans
- Safety Plans, preparedness and prevention plans; spill prevention, countermeasure and control plans; etc.
- Hydrogeologic reports
- Notice of violations
- Environmental liens
- Hazardous waste generator notices or reports
- Geotechnical studies
- Risk assessments
- Recorded activity and use limitations
- Any prior, current or pending proceedings involving the subject property relevant to hazardous substances or petroleum products

None of the requested documents were provided.

#### 4.2.3 Aerial Photographs

Source: Environmental Risk Information Services (ERIS)

Years Reviewed: 1948, 1952, 1954, 1959, 1969, 1973, 1980, 1984, 1994, 2002, 2005, 2010, 2012, 2018 & 2020

On-Site Concerns Identified:  Yes  No

Off-Site Concerns Identified:  Yes  No

Comments: Copies of the aerial photographs reviewed for this assessment are included in Appendix 7.1.3 "Aerial Photographs".

Aerial Photographs Reviewed in Prior Report:  Yes  No  Not Applicable  
 Generally consistent with CCG's findings

#### 4.2.4 Fire Insurance Maps

Fire Insurance Maps can be reviewed for information regarding historic property use. Historical use information was obtained using ASTM approved standard historical sources which did not include the review of Fire Insurance Maps.

Source: Not Applicable  
Years Reviewed: Not Applicable  
On-Site Concerns Identified:  Yes  No  Not Applicable  
Off-Site Concerns Identified:  Yes  No  Not Applicable  
Comments: Not Applicable  
Fire Insurance Maps Reviewed in Prior Report:  Yes  No  Not Applicable  
 Generally consistent with CCG's findings

#### 4.2.5 City Directories

Source: ERIS City Directory Report  
City Directory Type: Haines and Digital Business Directories  
Years Reviewed: Various years between 1971 - 2020 at approximately 5-year intervals  
Address Listings Reviewed: CCG reviewed the following address listings in the historical city directories:  
Subject Property: Stoddard Wells Road  
Surrounding Properties: 17080 – 19415 Stoddard Wells Road  
On-Site Concerns Identified:  Yes  No  
Off-Site Concerns Identified:  Yes  No  
Comments: A copy of the ERIS City Directory Report is included in Appendix 7.1.6 "City Directories".  
City Directories Reviewed in Prior Report:  Yes  No  Not Applicable  
 Generally consistent with CCG's findings

#### 4.2.6 Other Maps

Historical USGS topographic maps can be reviewed to identify improvements and other historical conditions for the subject property and surrounding sites.

Source: United States Geological Survey (USGS) 7.5-minute Topographic Quadrangle Map for Victorville, CA / Apple Valley North, CA  
Map Date(s): 1957, 1958, 1960, 1964, 1968, 1969, 1974, 1980, 1982, 1985, 1987, 1993, 2012, 2015 & 2018  
On-Site Concerns Identified:  Yes  No  
Off-Site Concerns Identified:  Yes  No

Comments: Please refer to Section 4.1.11 “Oil and Gas Exploration/Distribution” for additional information regarding the on-site natural gas pipeline.  
A copy of the most recent USGS topographic map is included in Appendix 7.1.4 “Topographical Maps”.

Other Maps Reviewed in Prior Report:  Yes  No  Not Applicable  
 Generally consistent with CCG’s findings

#### ***4.2.7 Title Records / Property Tax Files***

Title records and property tax files can be reviewed to identify potential environmentally suspect historic owners of the subject property, as well as AULs filed against the subject property.

Documents Reviewed: Please refer to Sections 2.1 “Title Records” and 2.2 “Environmental Liens / Activity and Use Limitations” for additional information.

#### ***4.2.8 Zoning/Land Use Records***

Source: Not Applicable

Description: Not Applicable

Comments: Zoning and land use records can be reviewed for information regarding historic zoning designations and land uses for the subject property. Historical use information was obtained using ASTM approved standard historical sources which did not include the review of historical zoning and land use records.

#### ***4.2.9 Other Historical Sources***

Source: Not Applicable

Description: Not Applicable

Comments: No other sources were reviewed to determine the historic use of the subject property.

#### ***4.2.10 Personal Interviews***

Source: See Below

Description: See Below

Comments: CCG interviewed multiple individuals regarding the historic use of the subject property. Please refer to Section 5.3 “Interviews” for information regarding personal interviews performed as a part of this investigation.

### 4.3 Properties and Areas Surrounding the Site

#### 4.3.1 Current Use of Adjacent Properties

<b>CURRENT ADJACENT PROPERTIES</b>	
<b>North:</b>	Undeveloped land
<b>East:</b>	Undeveloped land
<b>South:</b>	Stoddard Wells Road followed by undeveloped land
<b>Southwest:</b>	Vacant land
<b>West:</b>	Interstate Highway 15 followed by undeveloped land

Comments: No environmental concerns were identified associated with the current adjacent properties.

#### 4.3.2 Past Use of Adjacent Properties

<b>PAST ADJACENT PROPERTIES</b>	
<b>North:</b>	1948 – Present: Undeveloped land
<b>East:</b>	1948 – Present: Undeveloped land
<b>South:</b>	1948 – Present: Stoddard Wells Road followed by undeveloped land
<b>Southwest:</b>	1948 – 1984: Undeveloped land 1994 – Present: Cleared / vacant land
<b>West:</b>	1948 – 1954: Undeveloped land 1959 – Present: Interstate Highway 15 followed by undeveloped land

Comments: No environmental concerns were identified associated with the past adjacent properties.

#### 4.3.3 Current Uses of Surrounding Areas

Development in the area surrounding the subject property consists primarily of:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Undeveloped land         | <input type="checkbox"/> Retail/Commercial development   |
| <input checked="" type="checkbox"/> Vacant land              | <input type="checkbox"/> Commercial office development   |
| <input type="checkbox"/> Agricultural land                   | <input type="checkbox"/> Medical office development      |
| <input checked="" type="checkbox"/> Single-family residences | <input type="checkbox"/> Warehouse/flex space facilities |
| <input type="checkbox"/> Multi-family residences             | <input type="checkbox"/> Light industrial facilities     |
| <input type="checkbox"/> School(s)                           | <input checked="" type="checkbox"/> Other: Landfill      |

Comments: The following environmental concerns were identified associated with the current use of the surrounding areas:

- Please refer to Section 4.4.1 “Mapped Database Records Search - Off-Site Facilities of Potential Concern” for additional information regarding the nearby Victorville Sanitary Landfill.

#### 4.3.4 Past Uses of Surrounding Areas

Past development in the areas surrounding the subject property consisted primarily of:

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> Undeveloped land | <input type="checkbox"/> Retail/Commercial development   |
| <input type="checkbox"/> Vacant land                 | <input type="checkbox"/> Commercial office development   |
| <input type="checkbox"/> Agricultural land           | <input type="checkbox"/> Medical office development      |
| <input type="checkbox"/> Single-family residences    | <input type="checkbox"/> Warehouse/flex space facilities |
| <input type="checkbox"/> Multi-family residences     | <input type="checkbox"/> Light industrial facilities     |
| <input type="checkbox"/> School(s)                   | <input type="checkbox"/> Other:                          |

Comments: No environmental concerns were identified associated with the past use of the surrounding areas.

#### 4.4 Environmental Records Reviews and Interviews

##### 4.4.1 Mapped Database Records Search

CCG’s regulatory search for the subject property included a review of U.S. EPA and State of California databases. The information was compiled through a Regulatory Database Report prepared by Environmental Risk Information Services (ERIS). The database searches were performed for various radii, in accordance with ASTM standards. Descriptions of the State and Federal databases reviewed are contained in the Regulatory Database Report which is included in Appendix 7.2 “Governmental Agency Records Attachments”.

CCG has not attempted to verify the accuracy or completeness of all the information provided. Any data search information, which potentially impacts the environmental integrity of the subject property, is investigated further if necessary. The following table summarizes the number of sites on the respective databases as identified by the Regulatory Database Report.

<b>REGULATORY DATABASE SUMMARY TABLE</b>		
<b>Databases Reviewed</b>	<b>Minimum Search Area</b>	<b>Sites Within Search Area</b>
<b>FEDERAL DATABASES</b>		
Federal NPL list	1-mile radius	-
Federal PNPL list	1-mile radius	-
Federal DNPL list	1-mile radius	-
Federal SEMS list	½-mile radius	-
Federal SEMS ARCHIVE list	½-mile radius	-
Federal ODI list	½-mile radius	-
Federal IODI list	½-mile radius	-
Federal CERCLIS list	½-mile radius	-
Federal CERCLIS NFRAP list	½-mile radius	-
Federal CERCLIS LIENS list	Subject Property	-
Federal RCRA CORRACTS facilities list	1-mile radius	-
Federal RCRA TSD facilities list	½-mile radius	-
Federal RCRA LQG/SQG/CESQG generators list	¼-mile radius	-
Federal RCRA NON-GEN list	¼-mile radius	-
Federal ENG/INST controls list	½-mile radius	-
Federal ERNS list	Subject Property	-
Federal BROWNFIELDS list	½-mile radius	-
Federal FEMA UST list	¼-mile radius	-
Federal REFN list	¼-mile radius	-
Federal BULK TERMINAL list	¼-mile radius	-
Federal SEMS LIEN list	Subject Property	-
Federal SUPERFUND ROD list	1-mile radius	-
<b>STATE DATABASES</b>		
State RESPONSE list	1-mile radius	-
State ENVIROSTOR list	1-mile radius	-
State SWF/LF list	½-mile radius	-
State CLI list	½-mile radius	-
State IHW list	¼-mile radius	-
State IHW CORR ACTION list	¼-mile radius	-
State LUST list	½-mile radius	-
State UST/AST/PST list	¼-mile radius	-
State DTNK list	¼-mile radius	-
State AUL list	½-mile radius	-
State VCP site	½-mile radius	-
State CLEANUP SITES list	½-mile radius	-
State BROWNFIELDS list	½-mile radius	-
State MSD list	½-mile radius	-
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>		
Various	Various	<b>1</b>

**Orphan Sites**

Seven (7) “orphan” (location unknown/unplottable) sites were identified on the Regulatory Database Report. Based on CCG’s review of the orphan list, review of local maps and observations made during the reconnaissance of the subject property and surrounding areas, the orphan facilities/listings do not appear to be located in the general vicinity of the subject property.

**Regulatory Database Listings for the Subject Property**

The Regulatory Database Report did not identify any federal or state regulatory listings for the subject property.

**Off-Site Facilities of Potential Concern**

The following table summarizes nearby facilities of potential concern based on CCG’s review of the Regulatory Database Report:

<b>REGULATORY DATABASE SUMMARY TABLE</b>				
<i>Facility Name &amp; Address</i>	<i>Distance (miles), Direction, Gradient</i>	<i>Applicable Databases</i>	<i>Current Status</i>	<i>Concern?</i>
Victorville Sanitary Landfill 18600 Stoddard Wells Road	0.42 Southwest Down to crossgradient	PFAS GW	See Below	No, See below

The Victorville Sanitary Landfill is located at 18600 Stoddard Wells Road, approximately 0.42-mile southwest / down to crossgradient of the subject property. This facility is listed on the PFAS GW database. This database is 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).

Per the Regulatory Database Report, multiple PFOA / PFOS constituents were reported in a groundwater monitoring well (BMWP-2) on January 9, 2020. Well depth for groundwater monitoring well BMWP-2 was reported as 156 feet below ground surface (bgs). CCG’s review of a Quarterly Groundwater Monitoring Report dated July 2021 indicates that groundwater monitoring well BMWP-2 is located west of the intersection of Interstate Highway 15 and Stoddard Wells Road, approximately 0.43-mile southwest of the subject property. Groundwater elevation data collected from the landfill site indicates that groundwater gradient in the area of groundwater monitoring well BMWP-2 is to the northwest and that the site is hydrologically / topographically separated from the subject property by a tributary of Bell Mountain Wash.

Given distance and hydrologic gradient relative to the subject property, as well as anticipated depth to groundwater, the Victorville Sanitary Landfill site is not considered to represent an environmental concern to the subject property at this time.

**Vapor Encroachment Condition (VEC)**

No RECs, CRECs or HRECs were identified in connection with the subject property. Based on a review of the regulatory database report, no facilities were identified which CCG considers a VEC concern to the subject property.

#### ***4.4.2 Additional Regulatory Agency Information***

##### ***City/County Department of Health/Environmental Division***

Information Requested: Any information regarding hazardous material spills, permits for water wells, grease traps, septic systems, ASTs/USTs and general information regarding environmental issues/complaints associated with the subject property.

Response: At the time of writing, a response from the department has not been received. Any pertinent information will be forwarded to the Client upon receipt.

##### ***Fire Department***

Information Requested: Any information regarding records of ASTs/USTs or hazardous material spills associated with the subject property.

Response: At the time of writing, a response from the department has not been received. Any pertinent information will be forwarded to the Client upon receipt.

##### ***Planning and Zoning Department***

Information Requested: Information regarding the current and historic zoning designations for the subject property.

Current Zoning Designation: Regional Commercial (C-R)

Historic Zoning Designation: No information regarding historic zoning designations was provided.

##### ***Building Permit/Inspection Department***

Information Requested: Any information regarding demolition permits, the construction/remodel year of the subject property and records of permits for ASTs/USTs.

Response: At the time of writing, a response from the department has not been received. Any pertinent information will be forwarded to the Client upon receipt.

##### ***Local/Regional Pollution Control Agency***

Information Reviewed: CCG reviewed various State and Federal Databases for information regarding hazardous material spills or identified contamination associated with the subject property.

Response: The subject property is not listed on any of the state or federal databases searched in conjunction with this Phase I ESA.

##### ***Appraisal District***

Information Reviewed: No information regarding environmental liens or activity and use limitations (i.e. deed restrictions or institutional/engineering controls) was identified based upon a review of the assessor's office information. Please refer to Section 2.2 "Environmental Liens/Activity and Use Limitations" for additional information regarding environmental liens and activity and use limitations for the subject property.

## 5.0 SITE RECONNAISSANCE AND INVESTIGATION

The site inspection was conducted in accordance with the methodologies referred to in ASTM 1527-13 Section 9 (Site Reconnaissance) and the Client Scope of Work. Visual observations of the exterior of the subject property and all improvements were made during the site inspection. When necessary, large tracts of undeveloped/unimproved areas were inspected by walking or driving a grid pattern. Accessible common areas, maintenance, mechanical and repair areas and a representative sampling of occupant spaces were also inspected.

Site Inspector:	Ross MacNames
Inspection Date:	November 3, 2021
Inspection Time:	9:00am
Site Escort:	N/A – CCG was unescorted during the site inspection
Units Inspected:	CCG inspected the subject property by walking and/or driving the perimeter of the subject property and any unimproved dirt roads. The interior of the subject property was inspected by walking a grid pattern.
Weather Conditions:	The weather conditions during the site inspection were clear with air temperatures in the 50s (degrees Fahrenheit).
Limitations to Site Inspection:	The following limitations to the site inspection were encountered during the course of this investigation. <ul style="list-style-type: none"><li>• CCG was unescorted during the site inspection</li></ul> No other limitations to the site inspection methodology were encountered during the course of this assessment
Comments:	It is the Environmental Professional’s opinion that this limitation would not alter the conclusions of this report.

### 5.1 General Site Characteristics

#### 5.1.1 Solid Waste Disposal

Collection Points:	None
Disposal Contractor:	N/A
Comments:	Please refer to Section 5.2.8 “Landfills” for additional information regarding the debris / dumping observed throughout the subject property.

#### 5.1.2 Sanitary Sewage Discharge and Disposal

Floor Drains:	None Observed
Trench Drains:	None Observed
Grease Traps:	None Observed
Oil Water Separators:	None Observed
Sand Traps:	None Observed
Septic Systems:	None Observed
Utility Provider:	N/A
Comments:	None

### ***5.1.3 Surface Water Drainage and Natural Surface Water Features***

Surface flow to adjacent properties & streets:	Yes
On-site Storm Drains:	None Observed
Dry-wells:	None Observed
Drainage Ditches:	None Observed
Retention Pond:	None Observed
Detention Pond:	None Observed
Natural Surface Water Features (ponds, streams, lagoons, etc.):	Yes – Please refer to Section 4.1.3 “Wetlands & Jurisdictional Waters” for additional information.
Storm Water Utility Provider:	City of Apple Valley
Comments:	CCG did not observe any evidence of hazardous chemical/waste or petroleum product releases or disposal activities, such as significant surface stains in the area of the on-site surface water drainage features.

### ***5.1.4 Heating and Cooling Systems***

HVAC Type:	None Observed
Hot Water Source:	None Observed
Comments:	None

### ***5.1.5 Water Wells, Cisterns and Springs***

On-site Water Wells:	None Observed
On-site Monitoring Wells:	None Observed
On-site Cisterns:	None Observed
On-site Springs:	None Observed
Comments:	None

### ***5.1.6 Potable Water***

On-site Domestic Water Source:	None Observed
Comments:	None

### **5.1.7 Wastewater**

Sanitary Wastewater Discharges: None Observed

Process Wastewater Discharges: None Observed

Other Wastewater Discharges: None Observed

Comments: None

### **5.1.8 Additional Property Impacts**

Comments: With the exception of those discussed throughout the body of this report, no other conditions of concern were identified on the subject property.

## **5.2 Potential Environmental Hazards**

### **5.2.1 Hazardous Substances & Petroleum Products Used or Stored on the Subject Property**

CCG did not observe any sizable quantities (containers greater than 5-gallons) of hazardous chemicals or petroleum products stored on the subject property. Please refer to Section 5.2.8 “Landfills” for additional information regarding the debris and waste dumping observed on the subject property.

#### **5.2.1.1 Labeled Containers and Drums**

Comments: CCG did not observe any containers or drums labeled as containing hazardous materials and/or petroleum products stored on the subject property. Please refer to Section 5.2.8 “Landfills” for additional information regarding the debris and waste dumping observed on the subject property.

#### **5.2.1.2 Unlabeled Containers and Drums**

Comments: CCG did not observe any unlabeled containers or drums on the subject property. Please refer to Section 5.2.8 “Landfills” for additional information regarding the debris and waste dumping observed on the subject property.

#### **5.2.1.3 Disposal Locations of Regulated / Hazardous Wastes**

Comments: With the exception of the scrap tires discussed in Section 5.2.8 “Landfills”, CCG did not observe any regulated/hazardous waste disposal locations on the subject property.

### **5.2.2 Evidence of Releases or Disposal of Hazardous Substances & Petroleum Products**

Comments: CCG did not observe any evidence of hazardous chemical or petroleum product releases or disposal activities, such as significant surface stains or distressed vegetation.

### 5.2.3 Polychlorinated Biphenyls (PCBs)

PCBs often are found in electrical equipment such as transformers, ballasts in fluorescent lighting, circuit breakers and switchgears, and hydraulic fluids. PCBs contain toxic compounds that attach to human fat tissue and may act as possible carcinogens if ingested.

Transformers Present On-site:     Yes         No

Transformer Locations On-site:    N/A

Transformer Type:                    N/A

Evidence of leaks or spills:        N/A

Transformer Owner:                  N/A

Comments:                            None

Fluorescent Lighting Present On-site:     Yes         No

Fluorescent Lighting Locations On-site:    N/A

Comments:                            None

Hydraulic Elevators Present On-site:     Yes         No

Elevator Locations On-site:        N/A

Comments:                            None

Hydraulic Lifts Present On-site:     Yes         No

Hydraulic Lift Locations On-site:    N/A

Comments:                            None

Other PCB Equipment:                No other potential PCB-containing equipment, such as hydraulic lifts/systems, was identified on the subject property.

### 5.2.4 Asbestos-Containing Materials

Comments:                            In accordance with the Client scope of work and given current property use (undeveloped land), asbestos sampling was not conducted as a part of this investigation.

### 5.2.5 Radon

EPA Radon Zone:                      Zone 2

Radon Zone Definition:                Areas that have an average predicted indoor radon screening potential of between 2.0 and 4.0 pCi/L (picocuries per liter of air) for radon gas. The EPA and Surgeon General strongly recommend taking action when radon test results are 4.0 pCi/L or greater.

Comments: In accordance with the Client scope of work, radon sampling was not conducted as a part of this investigation.

### ***5.2.6 Lead-Based Paint***

Comments: In accordance with the Client scope of work and given current property use (undeveloped land), lead-based paint sampling was not conducted as a part of this investigation.

### ***5.2.7 Lead in Drinking Water***

Comments: In accordance with the Client scope of work and given current property use (undeveloped land), lead in drinking water sampling was not conducted as a part of this investigation.

### ***5.2.8 Landfills***

Comments: CCG did not observe any evidence of current or historic landfills on the subject property. However, several debris piles / dump sites and scattered windblown debris were observed throughout the subject property, with the most concentrated area of debris / waste being observed on the southern and western portions of the subject property, proximate to Stoddard Wells Road and Interstate Highway 15 respectively. Observed debris generally consisted of municipal waste (paper, plastic, etc.) and construction debris (lumber, concrete, asphalt / gravel, etc.); however, multiple scrap tires were also observed. No staining or other obvious evidence of petroleum product / hazardous substance releases was observed in or around the debris. CCG considers the observed debris (including scrap tires) to represent a de minimis condition in connection with the subject property.

### ***5.2.9 Pits, Sumps, Dry Wells and Catch Basins***

Comments: CCG did not observe any evidence of pits, sumps or catch basins on the subject property.

### ***5.2.10 On-Site Aboveground and Underground Storage Tanks***

Current On-site ASTs: None Observed

Historic On-site ASTs: None Identified

Current On-site USTs: None Observed

Historic On-site USTs: None Identified

Comments: No evidence of current or historic aboveground or underground storage tanks was observed on the subject property.

### **5.2.11 Radiological Hazards**

Comments: CCG did not observe any evidence of radiological hazards associated with the subject property.

### **5.2.12 Suspect Microbial Growth (SMG)**

Visual Evidence of SMG: N/A

Visual Evidence of Water Damage: N/A

Visual Evidence of Roof, Sidewall or Window Leaks: N/A

Visual Evidence of HVAC/Plumbing Leaks: N/A

Property Management Reports of Current or Past SMG: N/A

High Humidity Levels Inside Building: N/A

Comments: In accordance with the Scope of Work and given current property use (undeveloped land), mold sampling was not conducted at the subject property.

### **5.2.13 Additional Hazard Observations**

#### **5.2.13.1 Electro-Magnetic Fields (EMFs)**

Comments: No high voltage electrical transmission lines are located on or adjacent to the subject property, therefore EMFs are not considered an environmental concern to the subject property.

#### **5.2.13.2 Urea Formaldehyde**

Comments: In accordance with the Scope of Work and based on current property use (undeveloped land), destructive testing for urea formaldehyde insulation was not performed.

#### **5.2.13.3 Other Concerns**

Comments: With the exception of those noted in previous sections, no additional hazards were observed.

### **5.3 Interviews**

#### **5.3.1 User**

Individual Interviewed: Mr. Brandon Gallup – Covington Investments, LLC

Relationship to Subject Property: *User* of the report

Interview Form Completed:  Yes  No

Interview Results: N/A – No specific individual interviewed

Comments: At the time of writing, the interview questionnaire had not been returned to CCG. It is the Environmental Professional’s opinion that sufficient information regarding the current and historic use of the subject property was obtained through other sources and that completion of the interview questionnaire is not necessary to form an opinion regarding RECs, CRECs, HRECs or business environmental risks relating to the subject property.

#### **5.3.2 Property Owner Representative**

Individual Interviewed: Elephant Land LLC

Relationship to Subject Property: Property Owner

Interview Form Completed:  Yes  No

Interview Results: N/A – No specific individual interviewed

Comments: The property owner was not made available for interview as part of this assessment.

#### **5.3.3 Key Site Manager**

Individual Interviewed: N/A

Relationship to Subject Property: N/A

Interview Form Completed: N/A

Interview Results: N/A

Comments: As the subject property is currently undeveloped, a Key Site Manager was not identified.

### **5.3.4 Occupants**

Individual Interviewed: N/A  
Relationship to Subject Property: N/A  
Interview Form Completed: N/A  
Interview Results: N/A  
Comments: The subject property is currently undeveloped.

### **5.3.5 Past Owners, Operators and Occupants**

Individual Interviewed: N/A  
Relationship to Subject Property: N/A  
Interview Form Completed: N/A  
Interview Results: N/A  
Comments: No past owners, operators or occupants of the subject property were interviewed during the course of this investigation. It is the Environmental Professional's opinion that sufficient information regarding the current and historic use of the subject property was obtained through other sources that interviews of these individuals were not necessary to form an opinion regarding RECs, CRECs, HRECs or business environmental risks relating to the subject property.

### **5.3.6 Adjacent Property Owners, Operators and Occupants**

Individual Interviewed: N/A  
Relationship to Subject Property: N/A  
Interview Form Completed: N/A  
Interview Results: N/A  
Comments: No adjacent property owners, operators or occupants were interviewed regarding the subject property during the course of this investigation. It is the Environmental Professional's opinion that sufficient information regarding the current and historic use of the subject property was obtained through other sources and that interviews of these individuals were not necessary to form an opinion regarding RECs, CRECs, HRECs or business environmental risks relating to the subject property.

### **5.3.7 State and/or Local Government Officials**

Comments: CCG interviewed multiple state and local governmental agencies for information regarding the subject property. These agencies included:

- City/County Environmental Protection Division
- City/County Fire Marshal
- City/County Planning Department
- Local/Regional Pollution Control Agency
- County Central Appraisal District
- Local/Regional Water Quality Agency

Please refer to Section 4.4.2 “Additional Regulatory Agency Information” and Appendix 7.3 “Interview Record Attachments” regarding information obtained as a result of these interviews.

### **5.4 Additional Services**

According to ASTM E1527-2013 Standard Practice for Environmental Site Assessments, “*There may be environmental issues or conditions at a property that parties may wish to assess in connection with commercial real estate that are outside the scope of this practice (the non-scope considerations). As noted by the legal analysis in Appendix XI of this practice, some substances may be present on a property in quantities and under conditions that may lead to contamination of the property or of nearby properties but are not included in CERCLA’s definition of hazardous substances (42 USC 9601(14)) or do not otherwise present potential CERCLA liability...*”

These “non-scope considerations” may pose a business environmental risk to the property and are classified as “Additional Services”. Other than those previously discussed in the body of this report, the following are several additional non-scope considerations identified by ASTM “*...No implication is intended as to the relative importance of inquiry into such non-scope considerations and this list of non-scope considerations is not intended to be all inclusive*”.

#### **5.4.1 Regulatory Compliance**

Comments: A regulatory compliance review is beyond the scope of this investigation. However, based on CCG’s general observations during the site reconnaissance, no areas of gross non-compliance were observed.

#### **5.4.2 Cultural and Historic Designations**

Comments: A review of cultural and/or historical designations for the subject property is beyond the scope of this investigation. However, based upon the location of the subject property and the age of the on-site improvements, it is unlikely regulations regarding cultural and/or historical property designations would represent a concern to current operations or future development of the subject property.

#### **5.4.3 Coastal Development Zone**

Comments: Based upon the location of the subject property, it is unlikely regulations regarding coastal development zones would represent a concern to current operations or future development of the subject property.

#### **5.4.4 Endangered Species**

Comments: Federally-listed threatened and endangered species and their habitats are protected under the Endangered Species Act of 1973, as amended. Individuals of state-listed species are protected under state law, although their habitats are not currently given regulatory protection. A review of endangered species on or in the vicinity of the subject property is beyond the scope of this investigation. However, according to the California Department of Fish & Wildlife there are multiple rare, threatened or endangered species listed for San Bernardino County.

#### **5.4.5 Indoor Air Quality**

Comments: A review of indoor air quality on or in the vicinity of the subject property is beyond the scope of this investigation.

#### **5.4.6 Biological Agents**

Comments: An evaluation of biological agents on the subject property is beyond the scope of this investigation. However, based on CCG's general observations during the site reconnaissance, no specific concerns regarding biological agents were observed.

#### **5.4.7 Compliance with Activity & Use Limitations**

Comments: Parties who wish to qualify for one of the CERCLA "Land Owner Liability Protections" (LLPs) must comply with activity and use limitations (AULs), including land use restrictions that were relied upon in connection with a response action for a subject property. The *User* did not inform CCG of any AULs, imposed on the subject property. Please refer to Section 2.2 "Environmental Liens / Activity and Use Limitations" for additional information.

## **6.0 CONSULTANT INFORMATION**

### **6.1 Project Personnel**

The following individuals performed this ESA, including inspectors, research assistants, project managers, senior reviewers, etc.:

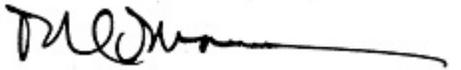
Ross MacNames, Project Manager  
Richard A. Mosman, Environmental Professional

This Phase I ESA was prepared by Ross MacNames, project manager, and was conducted under the direct supervision of Richard A. Mosman, an environmental professional, who has reviewed and approved the Report. In addition, the methods and procedures employed in the development of the Report conform to minimum industry standards.

### **6.2 Report Certification**

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312.

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



Richard A. Mosman  
Environmental Professional

### **6.3 Certification/Licensing**

The Contractor and all subcontractors are properly licensed and/or certified to do the work described herein where required.

### **6.4 Report Reliance**

This Phase I Environmental Site Assessment was conducted in general accordance with ASTM Standard Practices for Environmental Site Assessments (E-1527-13) for the exclusive benefit of Covington Investments, LLC, its successors and/or assigns. It is based, in part, upon documents, writings, and information owned, possessed, or secured by Consolidated Consulting Group, LLC. Neither this report, nor any information contained herein shall be used or relied upon for any purpose by any other person or entity without the express written permission of Consolidated Consulting Group, LLC.

## 7.0 APPENDICES

### 7.1 Site Background Attachments

<b>Category</b>	<b>Attached</b>	<b>Not Applicable</b>
<b>7.1.1 Photographs</b>	<b>X</b>	
<b>7.1.2 Site Drawing</b>	<b>X</b>	
<b>7.1.3 Aerial Photographs</b>	<b>X</b>	
<b>7.1.4 Topographic Map</b>	<b>X</b>	
<b>7.1.5 Fire Insurance Maps</b>		<b>X</b>
<b>7.1.6 City Directories</b>	<b>X</b>	
<b>7.1.7 Other Maps &amp; Data</b>	<b>X</b>	
<b>7.1.8 Title Search Records</b>		<b>X</b>
<b>7.1.9 References</b>	<b>X</b>	



Representative view of subject property  
(undeveloped land)



Representative view of subject property  
(undeveloped land)



Representative view of subject property  
(undeveloped land)



View of representative unnamed wash / drainage feature



View of representative unnamed wash / drainage feature



View of representative survey marker



View of representative dirt / gravel road



View of representative dumping / debris



View of representative dumping / debris



View of high tension power lines crossing the northwest corner of the subject property



View of representative natural gas pipeline signage observed on the northwest corner of the subject property



Adjacent North: Undeveloped land



Adjacent East: Undeveloped land



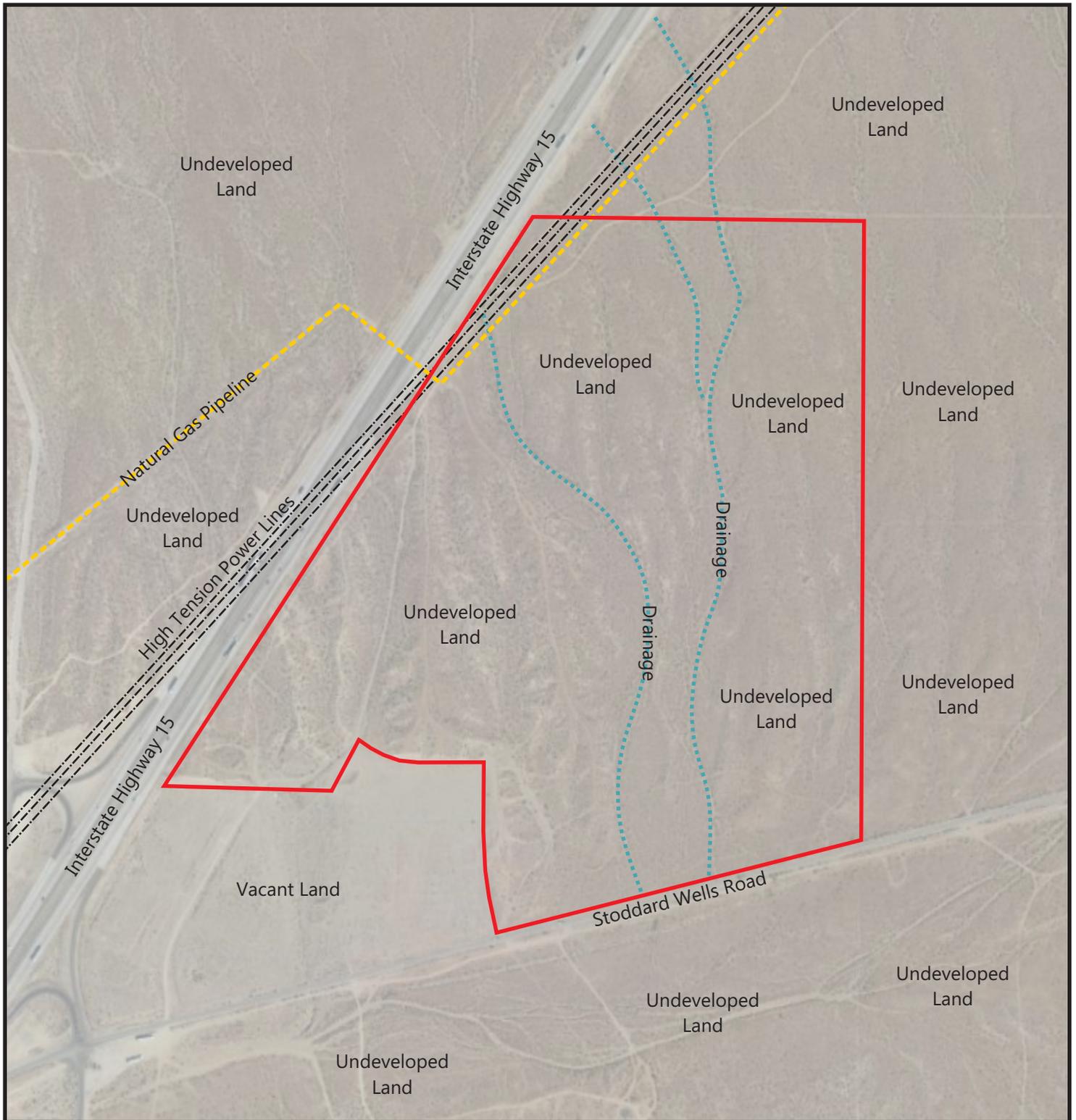
Adjacent South: Stoddard Wells Road followed by undeveloped land



Adjacent Southwest: Vacant land



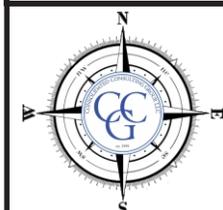
Adjacent West: Interstate Highway 15 followed by undeveloped land



**Project Name:** 143 Acre Tract (Undeveloped)  
**Address:** Stoddard Wells Road  
 Apple Valley, CA 92307  
**Project #:** CCG-5024  
**Date:** November 2021

**Legend:**  
 ..... = Drainage Feature  
 - - - - - = Natural Gas Pipeline  
 - - - - - = High Tension Power Lines

**N**  
  
 Drawing Not to Scale



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 WWW.CONSOLIDATEDCONSULTING.COM

**SITE PLAN**





# HISTORICAL AERIALS

**Project Property:** 143 Acre Tract  
Stoddard Wells Road  
Victorville CA

**Project No:** CCG-5024

**Requested By:** Consolidated Consulting Group, LLC

**Order No:** 21101900059

**Date Completed:** October 19,2021

Aerial Maps included in this report are produced by the sources listed above and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property. ERIS provides no warranty of accuracy or liability. The information contained in this report has been produced using aerial photos listed in above sources by ERIS Information Inc. (in the US) and ERIS Information Limited Partnership (in Canada), both doing business as 'ERIS'. The maps contained in this report do not purport to be and do not constitute a guarantee of the accuracy of the information contained herein. Although ERIS has endeavored to present information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

## **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)

<b>Date</b>	<b>Source</b>	<b>Scale</b>	<b>Comments</b>
2020	National Agriculture Information Program	1" = 500'	
2018	National Agriculture Information Program	1" = 500'	
2012	National Agriculture Information Program	1" = 500'	
2010	National Agriculture Information Program	1" = 500'	
2005	National Agriculture Information Program	1" = 500'	
2002	National Aerial Photography Program	1" = 500'	
1994	US Geological Survey	1" = 500'	
1984	National High Altitude Photography	1" = 500'	
1980	US Department of Agriculture	1" = 500'	
1973	National Aeronautics Space Administration	1" = 500'	
1969	US Geological Survey	1" = 500'	
1959	Agriculture and Soil Conservation Service	1" = 500'	
1954	Army Mapping Service	1" = 500'	
1952	US Geological Survey	1" = 500'	
1948	United States Air Force	1" = 500'	

**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)

one inch



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

Address: Stoddard Wells Road, Victorville, CA  
Approx Center: -117.25002272,34.59685618

Order No: 21101900059





one inch



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

Address: Stoddard Wells Road, Victorville, CA  
Approx Center: -117.25002272,34.59685618

Order No: 21101900059





one inch



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

Address: Stoddard Wells Road, Victorville, CA  
Approx Center: -117.25002272,34.59685618

Order No: 21101900059





one inch



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

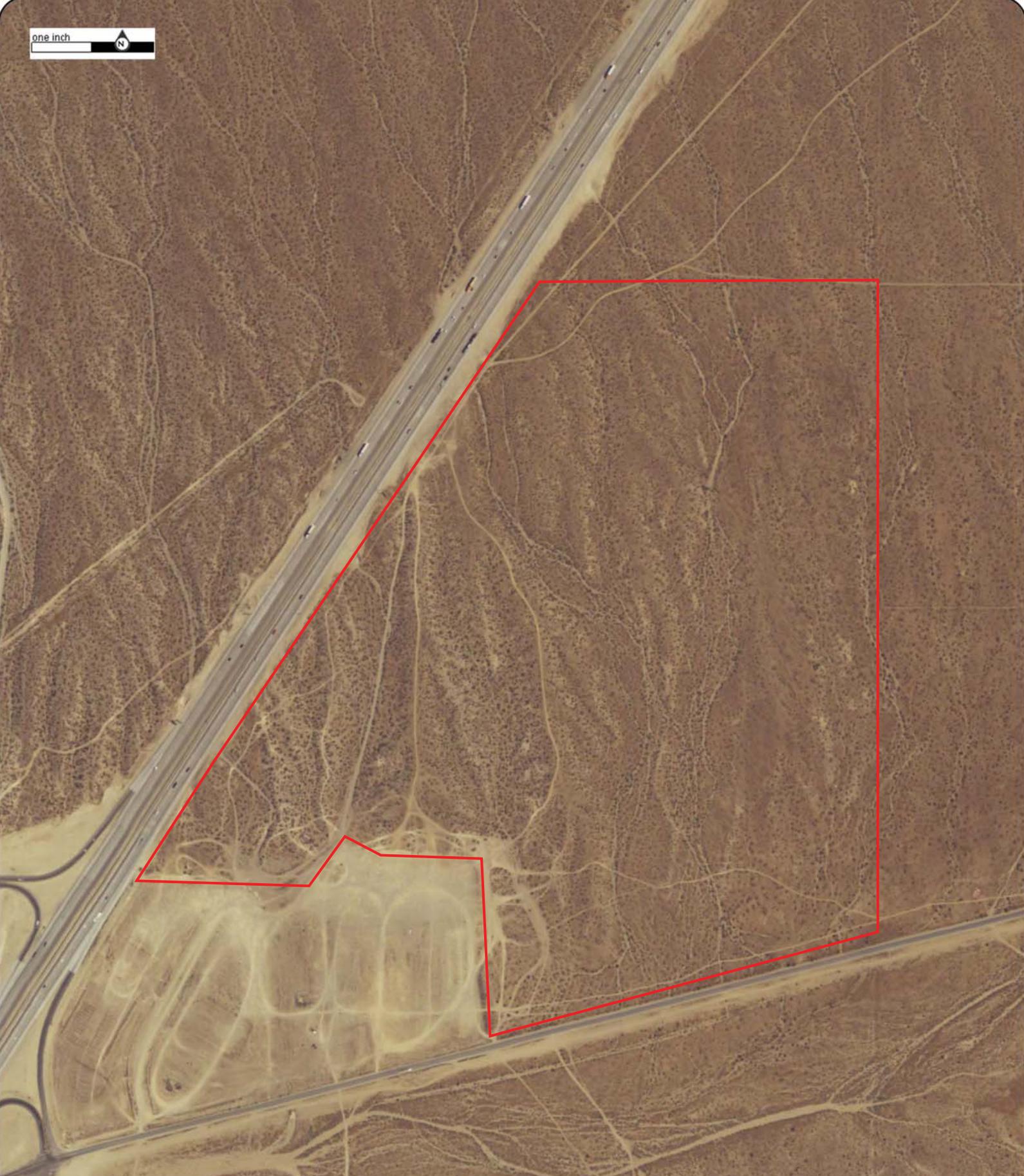
Address: Stoddard Wells Road, Victorville, CA  
Approx Center: -117.25002272,34.59685618

Order No: 21101900059





one inch



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

Address: Stoddard Wells Road, Victorville, CA  
Approx Center: -117.25002272,34.59685618

Order No: 21101900059





one inch



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

Address: Stoddard Wells Road, Victorville, CA  
Approx Center: -117.25002272,34.59685618

Order No: 21101900059





one inch



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

Address: Stoddard Wells Road, Victorville, CA  
Approx Center: -117.25002272,34.59685618

Order No: 21101900059









one inch



Year: 1980  
Source: USDA  
Scale: 1" = 500'  
Comment:

Address: Stoddard Wells Road, Victorville, CA  
Approx Center: -117.25002272,34.59685618

Order No: 21101900059





one inch



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

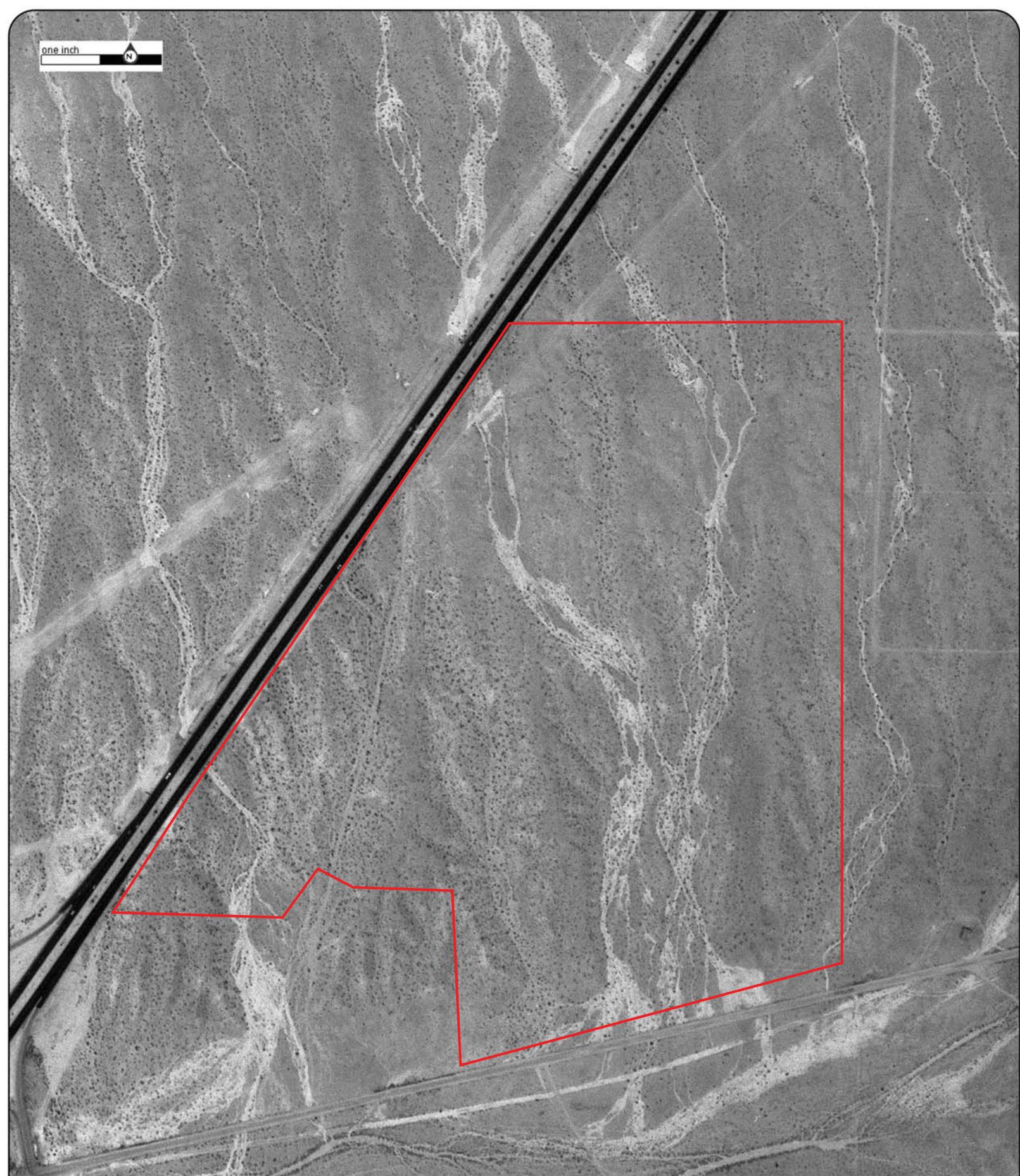
Address: Stoddard Wells Road, Victorville, CA  
Approx Center: -117.25002272,34.59685618

Order No: 21101900059





one inch



Year: 1969  
Source: USGS  
Scale: 1" = 500'  
Comment:

Address: Stoddard Wells Road, Victorville, CA  
Approx Center: -117.25002272,34.59685618

Order No: 21101900059





one inch



Year: 1959  
Source: ASCS  
Scale: 1" = 500'  
Comment:

Address: Stoddard Wells Road, Victorville, CA  
Approx Center: -117.25002272,34.59685618

Order No: 21101900059





one inch



Year: 1954  
Source: AMS  
Scale: 1" = 500'  
Comment:

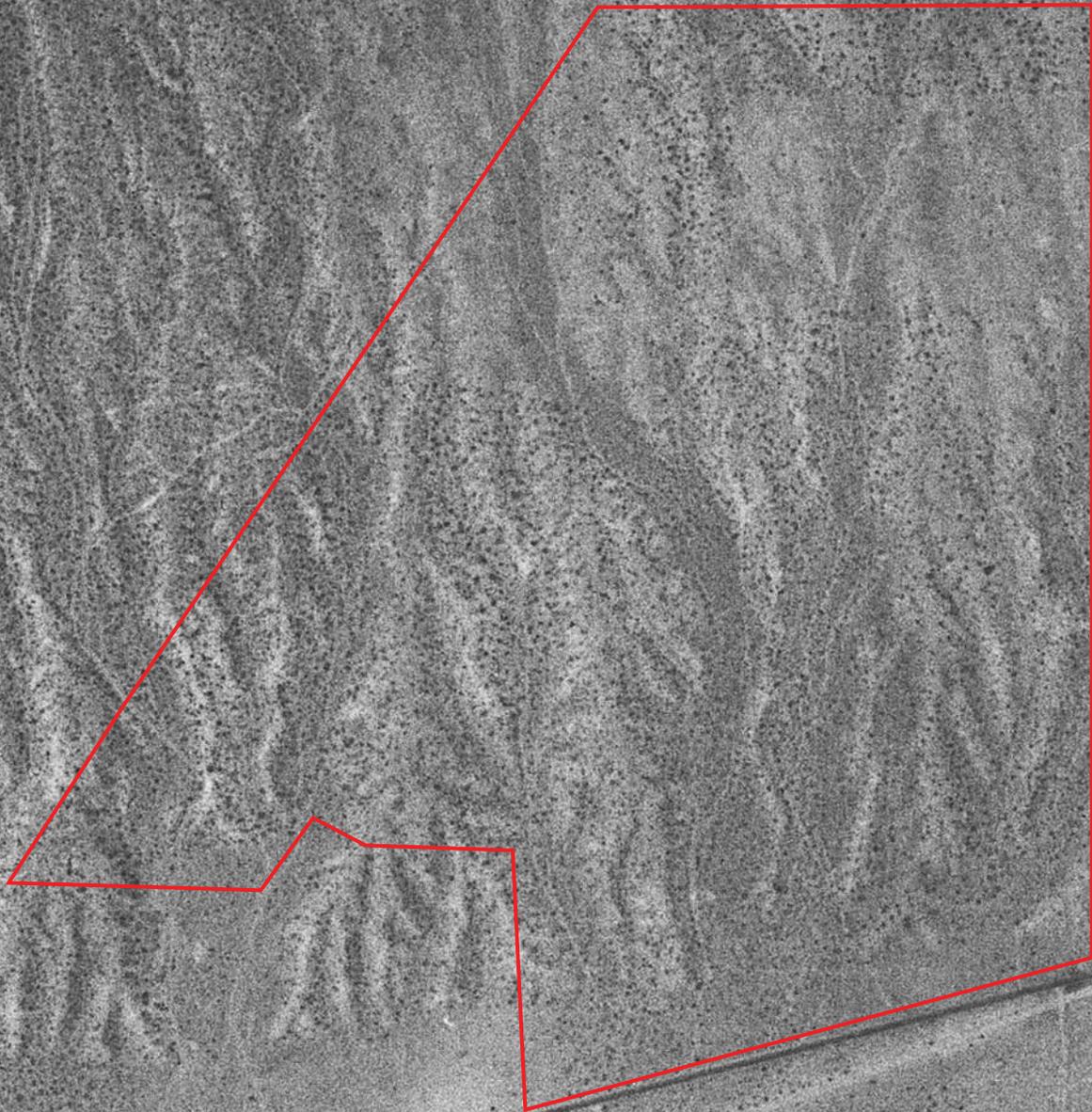
Address: Stoddard Wells Road, Victorville, CA  
Approx Center: -117.25002272,34.59685618

Order No: 21101900059





one inch



Year: 1952  
Source: USGS  
Scale: 1" = 500'  
Comment:

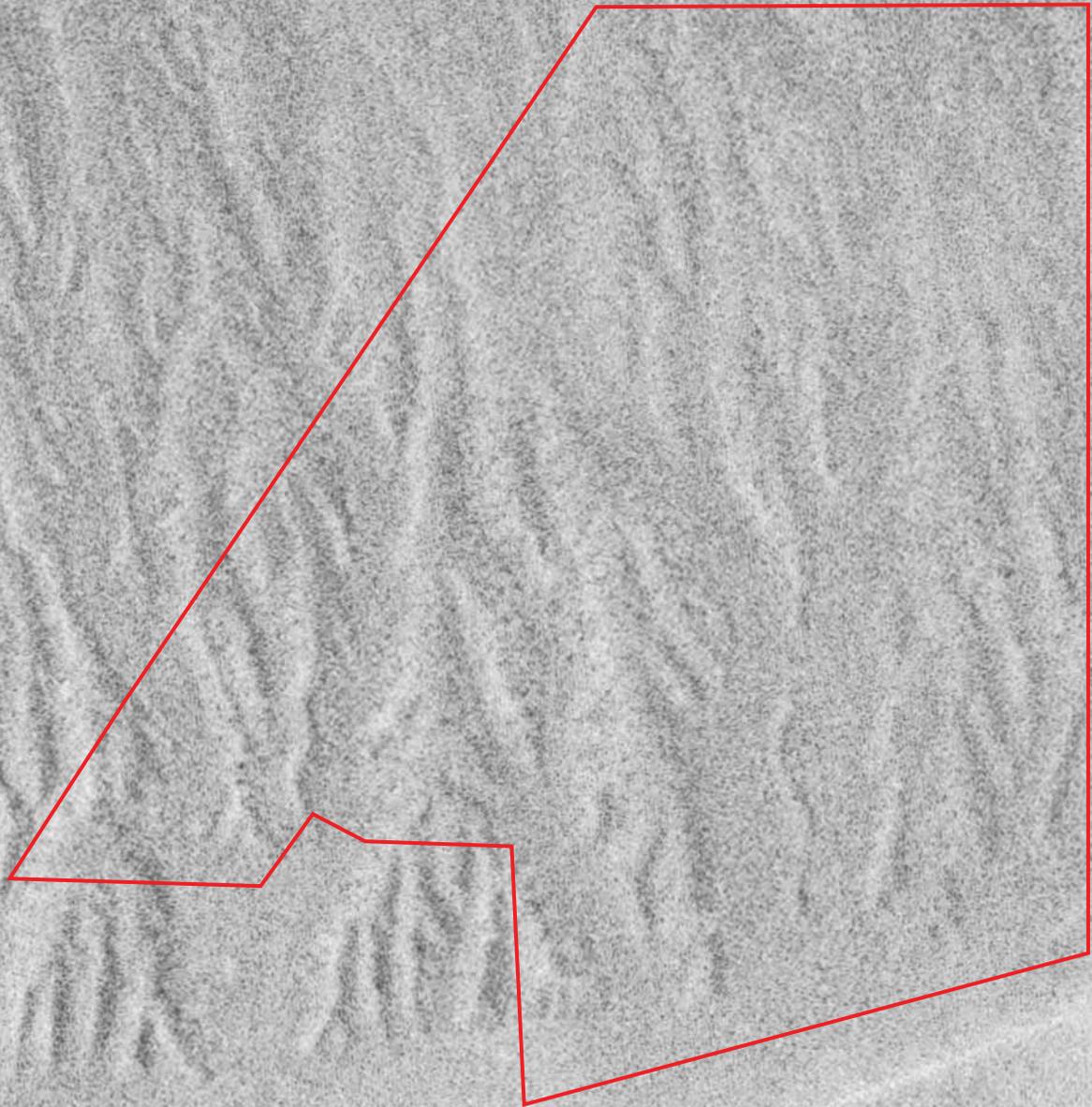
Address: Stoddard Wells Road, Victorville, CA  
Approx Center: -117.25002272,34.59685618

Order No: 21101900059





one inch



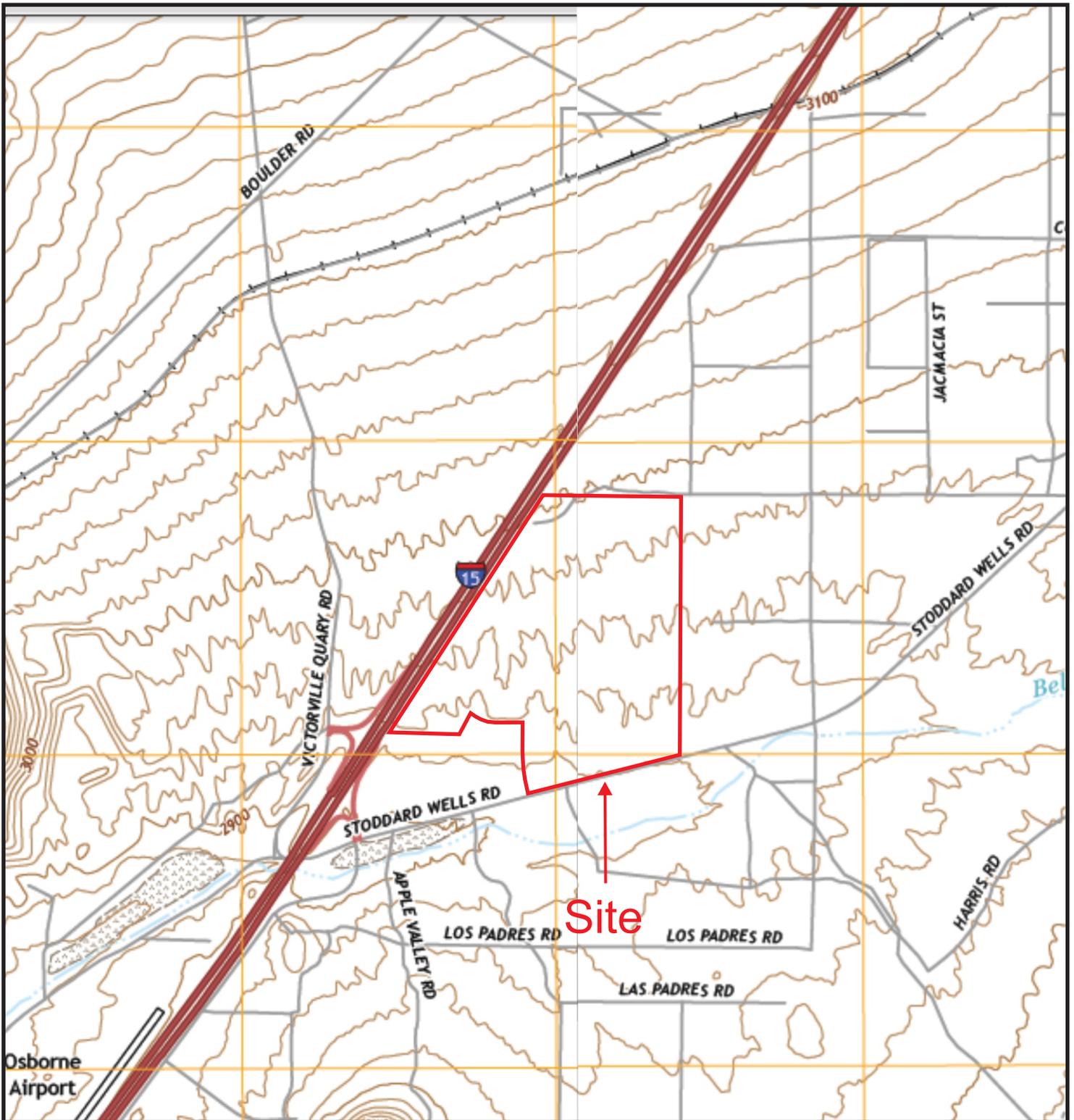
Year: 1948  
Source: USAF  
Scale: 1" = 500'  
Comment:

Address: Stoddard Wells Road, Victorville, CA  
Approx Center: -117.25002272,34.59685618

Order No: 21101900059



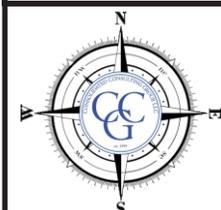
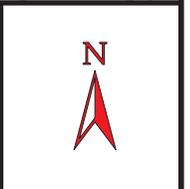




**Project Name:** 143 Acre Tract (Undeveloped)  
**Address:** Stoddard Wells Road  
 Apple Valley, CA 92307  
**Project #:** CCG-5024  
**Date:** November 2021

**Map Name:** Apple Valley & Victorville, CA  
**Map Date:** 2018

**Map Name:** Apple Valley & Victorville, CA  
**Map Date:** 2018



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**USGS**  
**TOPOGRAPHIC**  
**MAP**





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CITY  
**DIRECTORY**

**Project Property:** *143 Acre Tract  
Stoddard Wells Road  
Victorville, CA*

**Project No:** *CCG-5024*

**Requested By:** *Consolidated Consulting Group, LLC*

**Order No:** *21101900059*

**Date Completed:** *October 20, 2021*

October 20, 2021  
RE: CITY DIRECTORY RESEARCH  
143 Acre Tract  
Stoddard Wells Road Victorville, CA

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

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

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

**Search Criteria:**

17080-19415 of Stoddard Wells Road

**Search Results Summary**

Date	Source	Comment
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2005	DIGITAL BUSINESS DIRECTORY	
2001	HAINES	
1988	HAINES	
1971	HAINES	

17080 AVCO DISPOSAL INC...Federal Government Contractors  
 17080 AVCO DISPOSAL INC...Construction Companies  
 17080 AVCO DISPOSAL INC...Garbage Collection  
 17080 AVCO SECURITY STORAGE...Garbage Collection  
 17080 BURRTEC WASTE INDUSTRIES INC...Government Offices-city Village & Twp  
 17080 BURRTEC WASTE INDUSTRIES INC...Government Offices-city Village & Twp  
 17080 VICTORVILLE DISPOSAL INC...Federal Government Contractors  
 17111 SPIRIT OF CHRIST TABERNACLE...Missions  
 17111 SPIRIT OF CHRIST TABERNACLE...Churches  
 17288 EMMANUEL TEMPLE CME...Churches  
 17288 EMMANUEL TEMPLE CME...Churches  
 18231 OSBORNE ENTERPRISES...Tanks (whls)  
 18485 G A OSBORNE PIPE & SUPPLY INC...Water Treatment Equip Svc & Supls  
 18485 G A OSBORNE PIPE & SUPPLY INC...Water Works Equipment & Supplies-mfrs  
 18485 OSBORNE GA PIPE & SUPPLY INC...Pipe-wholesale

17080 APPLE VALLEY TRASH DISPOSAL...Government Offices-city Village & Twp  
 17080 AVCO DISPOSAL INC...Garbage Collection  
 17080 AVCO SECURITY STORAGE...Garbage Collection  
 17080 BURRTEC WASTE INDUSTRIES INC...Government Offices-city Village & Twp  
 17080 VICTORVILLE DISPOSAL INC...Federal Government Contractors  
 17111 SPIRIT OF CHRIST TABERNACLE...Churches  
 17113 ADVANCED HOME BUILDERS...Building Contractors  
 17288 EMMANUEL TEMPLE CME...Churches  
 17288 EMMANUEL TEMPLE CME...Churches  
 18173 OSBORNE ENTERPRISES...Federal Government Contractors  
 18231 OSBORNE ENTERPRISES...Tanks (whls)  
 18485 G A OSBORNE PIPE & SUPPLY INC...Water Works Equipment & Supplies-mfrs  
 18485 OSBORNE GA PIPE & SUPPLY INC...Pipe-wholesale  
 18600 ATHENS SERVICES...Recycling Centers (whls)

17080 AVCO SECURITY STORAGE...Garbage Collection  
 17080 BURRTEC WASTE...Garbage Collection  
 17113 ADVANCED HOME BUILDERS...Building Contractors  
 18173 OSBORNE ENTERPRISES...Septic Tanks  
 18485 OSBORNE GA PIPE & SUPPLY INC...Pipe-wholesale

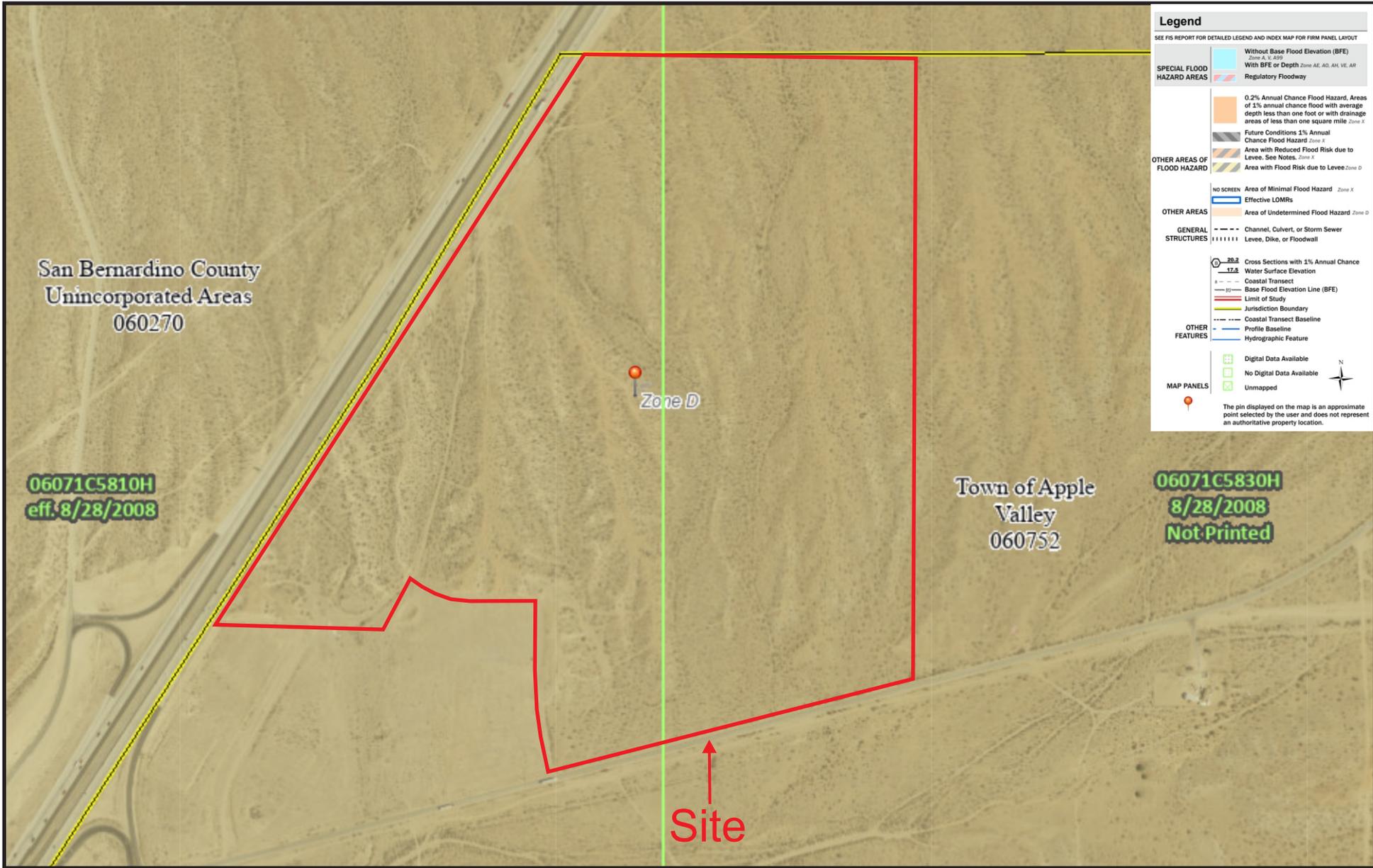
17080 AVCO DISPOSAL...Garbage Collection  
 17080 AVCO DISPOSAL INC...Refuse Coll/disp Svcs  
 17080 BURRTEC WASTE INDUSTRIES INC...Exec Offs,state-local  
 17080 VICTORVILLE DISPOSAL INC...Heavy Construction  
 17080 VICTORVILLE DISPOSAL INC...Refuse Coll/disp Svcs  
 17111 SPIRIT OF CHRIST TABERNACLE...Churches  
 17111 SPIRIT OF CHRIST TABERNACLE...Baptist Church  
 17184 GRADY TRAMMEL PARK...Executive Office  
 17184 GRADY TRAMMEL PARK...Amus, Recreation Sv  
 17288 EMMANUEL TEMPLE CHRISTIAN...Religious Organiz  
 17288 EMMANUEL TEMPLE-CME...Churches  
 18231 HCS CONSTRUCTION SUPPLIES...Contractors-equip/supls-dlrs/svc (whol)  
 18231 OSBORNE ENTERPRISES...Plbg, Htg, Ac Contr  
 18231 OSBORNE ENTERPRISES...Septic Tanks  
 18485 G A OSBORNE PIPE & SUPPLY INC...Irrigation Systems & Equipment-retail  
 18485 G A OSBORNE PIPE & SUPPLY INC...Service Indus Mchy

- 17080 AVCO DISPOSAL INC...*Refuse Collection And Disposal Services*
- 17080 VICTORVILLE DISPOSAL INC...*Refuse Collection And Disposal Services*
- 17111 SPIRIT OF CHRIST TABERNACLE...
- 17184 GRADY TRAMMEL PARK...
- 17288 EMMANUEL TEMPLE CHRISTIAN...
- 17600 VICTORVILLE MOTOCROSS COMPLEX...*Amusement And Recreation Nec Nec*
- 18231 OSBORNE TANK & SUPPLY...*Plate Work For The Nuclear Industry*
- 18485 G A OSBORNE PIPE & SUPPLY INC...*Commercial Cleaning Equipment*

Address	Business Name	Phone	Count
	* QUEENS MOTEL	760-245-3371	
17070	XXXX	00	
17078	XXXX	00	
17080	* AVCO DISPOSAL INC	760-245-8607	6
	* AVCO DISPOSAL INC	760-243-3967	9
	* AVCO SECURITY STORAGE	760-245-8607	6
	* VICTORVILLE DISPOSAL INC	760-245-8607	0
17082	XXXX	00	
17085	XXXX	00	
17111	* SPIRIT OF CHRIST TABERNACLE	760-243-4154	
17184	* VICTORVL CTY PK&REC G TRAMMEL	760-245-5551	0
17288	* EMMANUEL TEMPLE-CME	760-245-8255	0
	* EMMANUEL TMPLE CHRISTIAN CH	760-245-4973	
18231	* OSBORNE TANK&SPLY IND TANK DIV	760-245-1522	
	* OSBORNE TANK&SUPPLY AIRCRAFT	760-245-8477	
18485	* G A OSBORNE PIPE&SUPPLY INC	760-243-1443	+1
	● OSBORNE Gary	00	0
19235	XXXX	00	
19414	● BRUSSEL John	00	+1
19597	● MOORE Robin	00	0
19621	XXXX	00	

1	7	16937	*DENNY'S RESTAURANT	245-4880	6
3	+8	16941	HERNANDEZ Miguel	241-2634	+8
		16959	*QUEENS MOTEL	245-3371	1
		17070	*A 1 BACKHOE SKIP	245-7875	
			*MEDLOCK DAVID D	245-7875	
		17078	XXXX	00	
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			*AVCO SECURITY STRG	245-8607	
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		17085	XXXX	00	
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6		17288	*EMMANUEL TMPL CME	245-4973	3
		18231	*OSBORNE TANK&SPLY	245-1522	+8
			*OSBORNE TANK&SUPPLY	245-8477	4
6		18485	*OSBORNE G PIPE&SPLY	243-1443	7
2		19235	XXXX	00	
		19277	CARPENTER G W Rev	247-5242	+8
2			MORGAN Alma	247-4650	
2		19631	XXXX	00	
2		19756	NORRIS A	247-4129	6
		19757	XXXX	00	
		19876	GRINER James L	247-8795	
		20245	XXXX	00	
		20280	XXXX	00	

			WILLIAMS V A	245-9597	387
			WILSON LAVAR S	245-8315	389
		15940	.....		389
		16011	BELL C M	245-7216	390
		16530	*CAMPGRUNDS AM KCA	245-6867	390
			*K O A	245-6867	
			*KAMPGRUNDS OF AMER	245-6867	391
			*VICKREY J W INC	245-6336	
		16610	BAILEY JACK	245-9197	3912
		16698	FLYNN GEO	245-2450	3918
		16699	*APPLE VLY GUN CLUB	245-8702	3921
		16828	*DOLNEYS ENCO SERV	245-2808	3931
			*ENCO PRODS SV STNS	245-2808	3938
		16879	*DONS RADIATOR SERV	245-8205	3941
		16937	*DENNY'S RSTRNT 148	245-4511	3948
		16959	*HI DESERT MOTEL	245-6444	3951
		17070	LEA VERNON C	245-9729	3961
		17082	IRVING CALVIN	245-2363	3964
		17085	*AMERICAN LEGION 256	245-4526	3967
		19757	TURNER JOHN A	247-8907	3968
		19876	BAZILE LEONA	247-8795	3972
		20245	PENROD EUNICE REV	247-8479	3973
			NO # ABBEY C L	245-2236	3988
			NO # JOES RESTAURANT	245-8301	3996
			NO # JOHNSON LEONARD R	245-2231	4080
			NO # DOLLIES TEXACO SS 2	245-2890	4081
			NO # OSBORN ERNEST	245-9654	4090
			NO # SHIRLEY M W	245-9101	4091
			NO # STARLITE CAFE	245-4594	
			NO # VICK H J MOBIL PRODS	245-4911	4102
			* 18 BUS 61 RES		4103
					4112
					4122
			STOKELY DR 92507 RIVERSIDE		

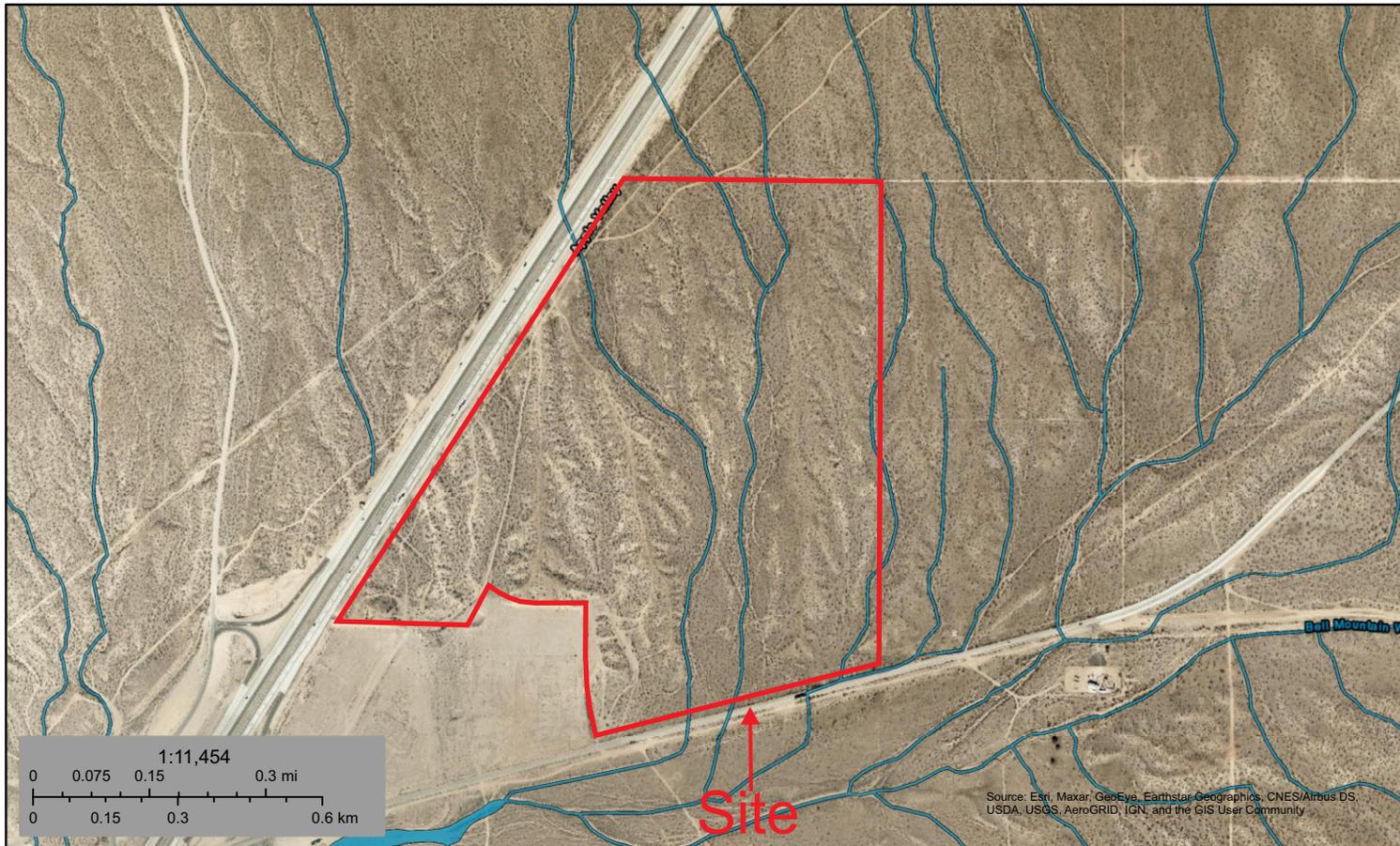


**CONSOLIDATED CONSULTING GROUP**  
ENVIRONMENTAL, BUILDING & LAND SURVEY CONSULTING  
WWW.CONSOLIDATEDCONSULTING.COM

**Project Name:** 143 Acre Tract (Undeveloped)  
**Address:** Stoddard Wells Road  
Apple Valley, CA 92307  
**Project #:** CCG-5024  
**Date:** November 2021

**FLOOD MAP**





November 1, 2021

**Wetlands**

- |                                |                                   |       |
|--------------------------------|-----------------------------------|-------|
| Estuarine and Marine Deepwater | Freshwater Emergent Wetland       | Lake  |
| Estuarine and Marine Wetland   | Freshwater Forested/Shrub Wetland | Other |
| Freshwater Pond                | Riverine                          |       |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



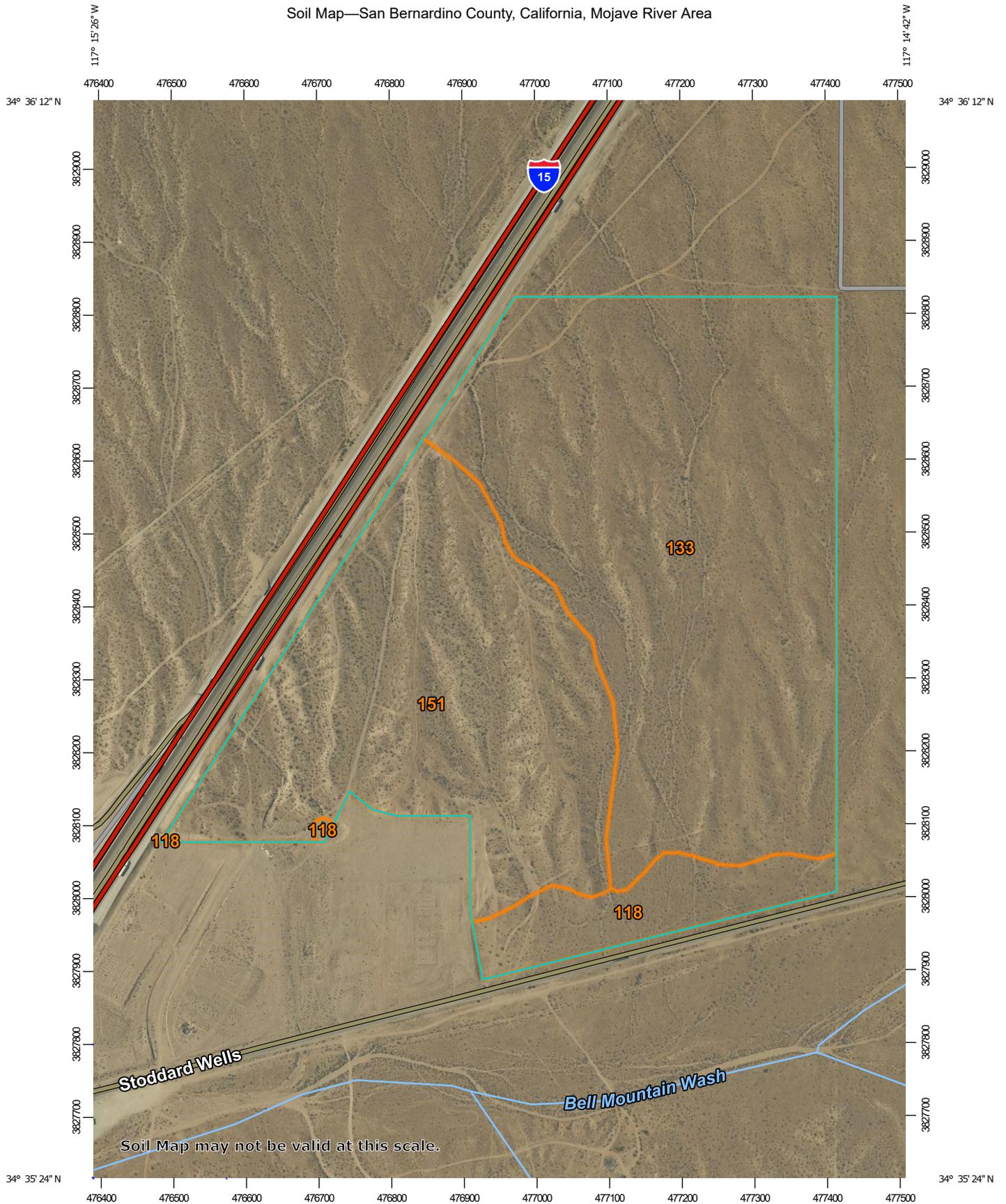
**CONSOLIDATED CONSULTING GROUP**  
ENVIRONMENTAL, BUILDING & LAND SURVEY CONSULTING  
WWW.CONSOLIDATEDCONSULTING.COM

**Project Name:** 143 Acre Tract (Undeveloped)  
**Address:** Stoddard Wells Road  
Apple Valley, CA 92307  
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**Date:** November 2021

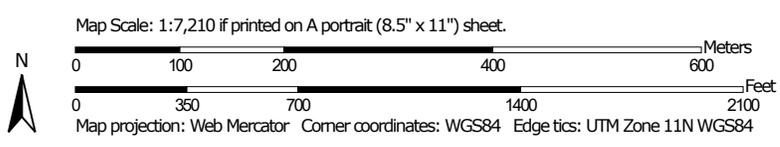
**WETLANDS  
MAP**



Soil Map—San Bernardino County, California, Mojave River Area



Soil Map may not be valid at this scale.





## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

### Special Point Features

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

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

### Water Features

 Streams and Canals

### Transportation

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

### Background

 Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

**Warning:** Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

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

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

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

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

Soil Survey Area: San Bernardino County, California, Mojave River Area  
 Survey Area Data: Version 13, Sep 13, 2021

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

Date(s) aerial images were photographed: Jun 26, 2019—Jul 8, 2019

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

## Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
118	CAJON-ARIZO COMPLEX, 2 TO 15 PERCENT SLOPES*	10.3	7.3%
133	HELENDALE-BRYMAN LOAMY SANDS, 2 TO 5 PERCENT SLOPES*	78.7	55.6%
151	NEBONA-CUDDEBACK COMPLEX, 2 TO 9 PERCENT SLOPES*	52.5	37.1%
<b>Totals for Area of Interest</b>		<b>141.4</b>	<b>100.0%</b>

## San Bernardino County, California, Mojave River Area

### 118—CAJON-ARIZO COMPLEX, 2 TO 15 PERCENT SLOPES\*

#### Map Unit Setting

*National map unit symbol:* hkrq  
*Elevation:* 2,800 to 3,300 feet  
*Mean annual precipitation:* 3 to 6 inches  
*Mean annual air temperature:* 59 to 66 degrees F  
*Frost-free period:* 180 to 290 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Cajon, gravelly surface, and similar soils:* 55 percent  
*Arizo and similar soils:* 30 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Cajon, Gravelly Surface

##### Setting

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

##### Typical profile

*H1 - 0 to 6 inches:* gravelly sand  
*H2 - 6 to 60 inches:* gravelly sand

##### Properties and qualities

*Slope:* 2 to 15 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Somewhat excessively drained  
*Capacity of the most limiting layer to transmit water (Ksat):* High to very high (5.95 to 19.98 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* Rare  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 1 percent  
*Available water supply, 0 to 60 inches:* Very low (about 3.0 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 4s  
*Land capability classification (nonirrigated):* 7e  
*Hydrologic Soil Group:* A  
*Ecological site:* R030XF028CA - COBBLY SANDY  
*Hydric soil rating:* No

## Description of Arizo

### Setting

*Landform:* Alluvial fans

*Landform position (two-dimensional):* Backslope

*Landform position (three-dimensional):* Tread

*Down-slope shape:* Linear

*Across-slope shape:* Linear

*Parent material:* Alluvium derived from granite sources

### Typical profile

*H1 - 0 to 6 inches:* gravelly loamy sand

*H2 - 6 to 60 inches:* extremely gravelly loamy coarse sand

### Properties and qualities

*Slope:* 2 to 9 percent

*Depth to restrictive feature:* More than 80 inches

*Drainage class:* Excessively drained

*Capacity of the most limiting layer to transmit water (Ksat):* High to very high (5.95 to 19.98 in/hr)

*Depth to water table:* More than 80 inches

*Frequency of flooding:* NoneOccasional

*Frequency of ponding:* None

*Calcium carbonate, maximum content:* 15 percent

*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

*Available water supply, 0 to 60 inches:* Low (about 3.1 inches)

### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated):* 7w

*Hydrologic Soil Group:* A

*Ecological site:* R030XF025CA - GRAVELLY COARSE LOAMY

*Hydric soil rating:* No

## Minor Components

### Helendale

*Percent of map unit:* 4 percent

*Hydric soil rating:* No

### Bryman

*Percent of map unit:* 4 percent

*Hydric soil rating:* No

### Joshua

*Percent of map unit:* 4 percent

*Hydric soil rating:* No

**Cajon, clayey substratum**  
*Percent of map unit: 3 percent*

## **Data Source Information**

Soil Survey Area: San Bernardino County, California, Mojave River Area  
Survey Area Data: Version 13, Sep 13, 2021

## San Bernardino County, California, Mojave River Area

### 133—HELENDALE-BRYMAN LOAMY SANDS, 2 TO 5 PERCENT SLOPES\*

#### Map Unit Setting

*National map unit symbol:* hks6  
*Elevation:* 2,500 to 4,000 feet  
*Mean annual precipitation:* 3 to 6 inches  
*Mean annual air temperature:* 59 to 63 degrees F  
*Frost-free period:* 180 to 280 days  
*Farmland classification:* Prime farmland if irrigated

#### Map Unit Composition

*Helendale and similar soils:* 50 percent  
*Bryman and similar soils:* 35 percent  
*Minor components:* 15 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Helendale

##### Setting

*Landform:* Fan remnants  
*Landform position (two-dimensional):* Backslope  
*Landform position (three-dimensional):* Side slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Alluvium derived from granite sources

##### Typical profile

*H1 - 0 to 6 inches:* loamy sand  
*H2 - 6 to 30 inches:* sandy loam  
*H3 - 30 to 66 inches:* sandy loam  
*H4 - 66 to 99 inches:* loamy sand

##### Properties and qualities

*Slope:* 2 to 5 percent  
*Depth to restrictive feature:* More than 80 inches  
*Drainage class:* Well drained  
*Capacity of the most limiting layer to transmit water (Ksat):* High (1.98 to 5.95 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 5 percent  
*Maximum salinity:* Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)  
*Available water supply, 0 to 60 inches:* Low (about 5.8 inches)

##### Interpretive groups

*Land capability classification (irrigated):* 2e

*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: A*  
*Ecological site: R030XF012CA - Sandy*  
*Hydric soil rating: No*

## **Description of Bryman**

### **Setting**

*Landform: Fan remnants*  
*Landform position (two-dimensional): Backslope*  
*Landform position (three-dimensional): Side slope*  
*Down-slope shape: Linear*  
*Across-slope shape: Linear*  
*Parent material: Alluvium derived from granite sources*

### **Typical profile**

*H1 - 0 to 8 inches: loamy sand*  
*H2 - 8 to 12 inches: sandy loam*  
*H3 - 12 to 44 inches: sandy clay loam*  
*H4 - 44 to 60 inches: loamy sand*

### **Properties and qualities**

*Slope: 2 to 5 percent*  
*Depth to restrictive feature: More than 80 inches*  
*Drainage class: Well drained*  
*Capacity of the most limiting layer to transmit water*  
*(Ksat): Moderately high (0.20 to 0.57 in/hr)*  
*Depth to water table: More than 80 inches*  
*Frequency of flooding: None*  
*Frequency of ponding: None*  
*Calcium carbonate, maximum content: 5 percent*  
*Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0*  
*mmhos/cm)*  
*Available water supply, 0 to 60 inches: Moderate (about 7.3*  
*inches)*

### **Interpretive groups**

*Land capability classification (irrigated): 2e*  
*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: C*  
*Ecological site: R030XF012CA - Sandy*  
*Hydric soil rating: No*

## **Minor Components**

### **Cajon**

*Percent of map unit: 5 percent*  
*Hydric soil rating: No*

### **Mohave variant**

*Percent of map unit: 5 percent*  
*Hydric soil rating: No*

### **Unnamed soils**

*Percent of map unit: 5 percent*

*Hydric soil rating:* No

## **Data Source Information**

Soil Survey Area: San Bernardino County, California, Mojave River Area  
Survey Area Data: Version 13, Sep 13, 2021

## San Bernardino County, California, Mojave River Area

### 151—NEBONA-CUDEBACK COMPLEX, 2 TO 9 PERCENT SLOPES\*

#### Map Unit Setting

*National map unit symbol:* hkss  
*Elevation:* 1,800 to 3,400 feet  
*Mean annual precipitation:* 3 to 5 inches  
*Mean annual air temperature:* 63 to 66 degrees F  
*Frost-free period:* 200 to 290 days  
*Farmland classification:* Not prime farmland

#### Map Unit Composition

*Nebona and similar soils:* 60 percent  
*Cuddeback and similar soils:* 20 percent  
*Minor components:* 20 percent  
*Estimates are based on observations, descriptions, and transects of the mapunit.*

#### Description of Nebona

##### Setting

*Landform:* Fan remnants  
*Landform position (two-dimensional):* Toeslope  
*Landform position (three-dimensional):* Base slope  
*Down-slope shape:* Linear  
*Across-slope shape:* Linear  
*Parent material:* Alluvium derived from mixed sources

##### Typical profile

*H1 - 0 to 2 inches:* sandy loam  
*H2 - 2 to 8 inches:* fine sandy loam  
*H3 - 8 to 12 inches:* indurated  
*H4 - 12 to 65 inches:* stratified gravelly sand to loam

##### Properties and qualities

*Slope:* 2 to 9 percent  
*Depth to restrictive feature:* 6 to 14 inches to duripan  
*Drainage class:* Well drained  
*Capacity of the most limiting layer to transmit water (Ksat):* Moderately high to high (0.57 to 1.98 in/hr)  
*Depth to water table:* More than 80 inches  
*Frequency of flooding:* None  
*Frequency of ponding:* None  
*Calcium carbonate, maximum content:* 5 percent  
*Maximum salinity:* Slightly saline to strongly saline (4.0 to 16.0 mmhos/cm)  
*Available water supply, 0 to 60 inches:* Very low (about 0.7 inches)

##### Interpretive groups

*Land capability classification (irrigated):* None specified

*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: D*  
*Ecological site: R030XF030CA - DESERT PAVEMENT*  
*Hydric soil rating: No*

### **Description of Cuddeback**

#### **Setting**

*Landform: Inset fans*  
*Landform position (two-dimensional): Backslope*  
*Down-slope shape: Linear*  
*Across-slope shape: Linear*  
*Parent material: Alluvium derived from mixed sources*

#### **Typical profile**

*H1 - 0 to 3 inches: sandy loam*  
*H2 - 3 to 6 inches: sandy loam*  
*H3 - 6 to 17 inches: gravelly sandy clay loam*  
*H4 - 17 to 34 inches: gravelly sandy loam*  
*H5 - 34 to 38 inches: indurated*

#### **Properties and qualities**

*Slope: 2 to 9 percent*  
*Depth to restrictive feature: 20 to 40 inches to duripan*  
*Drainage class: Well drained*  
*Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)*  
*Depth to water table: More than 80 inches*  
*Frequency of flooding: None*  
*Frequency of ponding: None*  
*Calcium carbonate, maximum content: 10 percent*  
*Maximum salinity: Slightly saline to moderately saline (4.0 to 8.0 mmhos/cm)*  
*Available water supply, 0 to 60 inches: Low (about 3.3 inches)*

#### **Interpretive groups**

*Land capability classification (irrigated): None specified*  
*Land capability classification (nonirrigated): 7e*  
*Hydrologic Soil Group: C*  
*Ecological site: R030XG024CA - DESERT PAVEMENT*  
*Hydric soil rating: No*

### **Minor Components**

#### **Unnamed soils**

*Percent of map unit: 19 percent*  
*Hydric soil rating: No*

#### **Unnamed**

*Percent of map unit: 1 percent*  
*Landform: Playas*

*Hydric soil rating:* Yes

## **Data Source Information**

Soil Survey Area: San Bernardino County, California, Mojave River Area  
Survey Area Data: Version 13, Sep 13, 2021

## REFERENCES:

American Society for Testing and Materials, Standard Practice for Phase I Environmental Site Assessments, Phase I Environmental Site Assessment Process (ASTM 1527-13)

American Society for Testing and Materials, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transaction (ASTM E2600-15).

City/County/State Offices including:

- City/County Environmental Protection Division
- City/County Fire Marshal
- City/County Planning Department
- Local/Regional Pollution Control Agency
- County Central Appraisal District
- Local/Regional Water Quality Agency

Environmental Risk Information Services (ERIS), Aerial Photograph Package, Prints dated; 1948, 1952, 1954, 1959, 1969, 1973, 1980, 1984, 1994, 2002, 2005, 2010, 2012, 2018 & 2020

Environmental Risk Information Services (ERIS), City Directory Report, Number: 21100100670, Report dated October 5, 2021

Environmental Risk Information Services (ERIS), Database Report, Order Number: 21100100670, Report dated October 5, 2021

Federal Emergency Management Agency, Flood Insurance Rate Map, San Bernadino County, California and Incorporated Areas, Community Panel Map Number 06071C5810H & 06071C5830H, Map Revised: August 28, 2008

Groundwater Atlas of the United States – Segment 1

United States Department of Agriculture, Natural Resource Conservation Service, Soil Survey of San Bernadino County, California from website <http://websoilsurvey.nrcs.usda.gov/app>,

United States Department of the Interior, U.S. Geological Survey, 7.5-Minute Series Topographic Quadrangle Map (Victorville, CA / Apple Valley North, CA), dated 1957, 1958, 1960, 1964, 1968, 1969, 1974, 1980, 1982, 1985, 1987, 1993, 2012, 2015 & 2018.

United States Department of Transportation, Pipeline and Hazardous Materials Safety Administration, National Pipeline Mapping System website (<http://www.npms.phmsa.dot.gov/>)

United States Fish & Wildlife Service, National Wetlands Inventory, Geospatial Wetlands Digital Data. (<http://www.fws.gov/wetlands/Data/index.html>)

**7.2 Governmental Agency Records Attachments**

<b>Category</b>	<b>Attached</b>	<b>Not Applicable</b>
<b>7.2.1 General Public Records</b>	<b>X</b>	
<b>7.2.2 Mapped Database Report</b>	<b>X</b>	
<b>7.2.3 Regulatory Agency Records</b>		<b>X</b>

# Property Information Management System

San Bernardino County  
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 0472-211-15-0000



**Property Information**

Parcel 0472211150000

**Property Address (Main Situs)** Protected per CA. Govt. Code Sect. 6254.21  
Protected per CA. Govt. Code Sect. 6254.21

**Parcel Status** ACTIVE  
**Parcel Type** REAL PROPERTY  
**Property ID**

**Tax Status** ASSESSED BY COUNTY

**Owner and Mailing Address** ELEPHANT LAND LLC

**Use Code** VACANT

C/O CARL E ROSS & SAFARI ROSS, MANAGERS

**Land Access** PUBLIC UNPAVED

**Size** 25.001 ACRES AND OVER

Protected per CA. Govt. Code Sect. 6254.21

**Land Type** COMMERCIAL

Protected per CA. Govt. Code Sect. 6254.21

**District** HESPERIA

**Effective Date** 02/04/2020

**Resp Group** REAL PROPERTY

**Resp Unit** COMMERCIAL ZONE OR USE

**Current Owners**

Name	Document Numbers
<b>ELEPHANT LAND LLC</b>	
R/I SOLE OWNER	20200006459
% Int 100.0000000	
Type BILLED OWNER	
Acquisition Date 01/07/2020	
Document Date 01/07/2020	
Inactive Date NONE	

**Legal Parcel Map**

Parcel Map	Parcel Nbr	Unit	Book	Page
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**Legal Description**

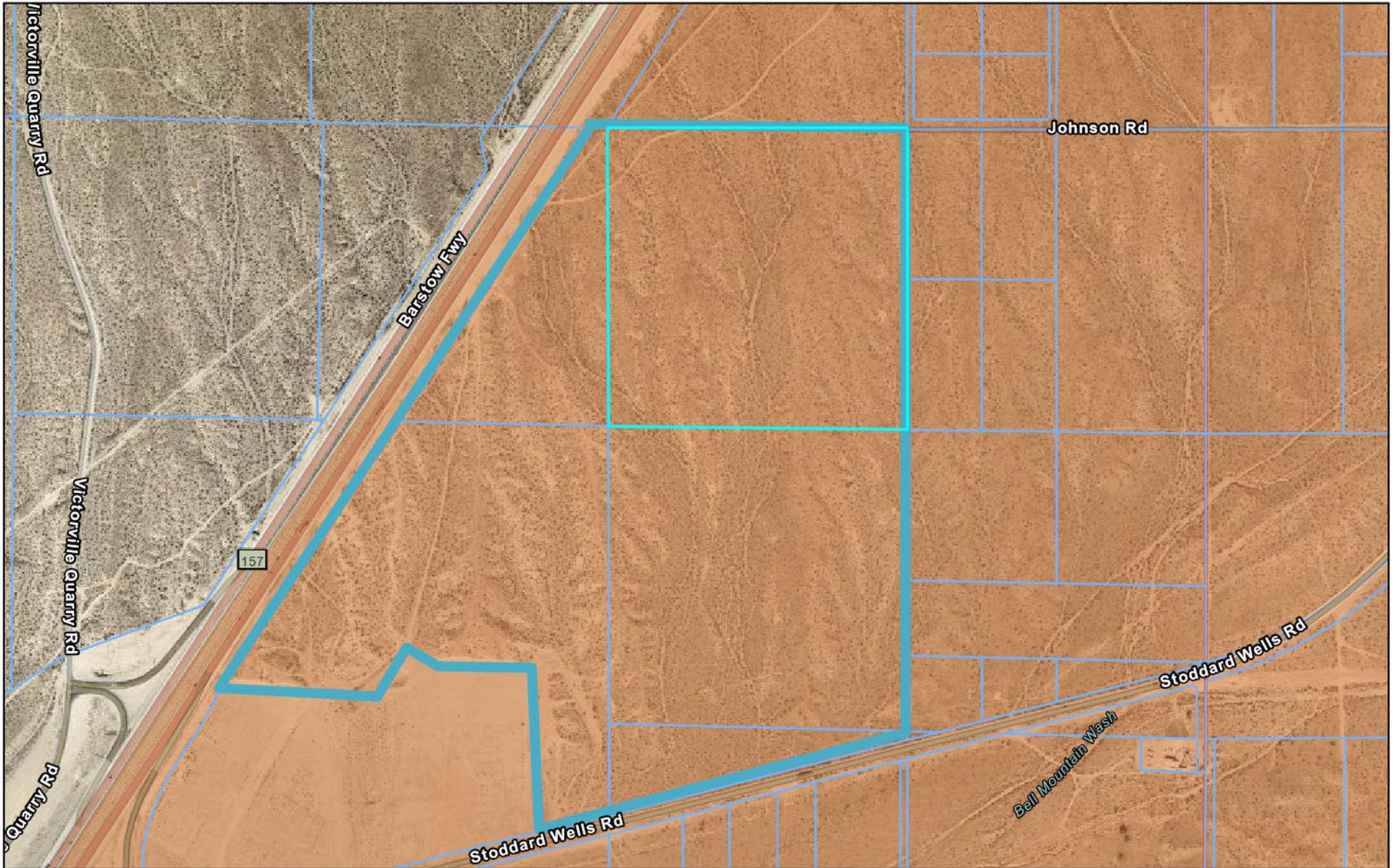
NW 1/4 NE 1/4 SEC 24 TP 6N R 4W 41.10 AC M/L

**No Legal Reason for Change Found**

**No Active Homeowner's Exemptions Found**



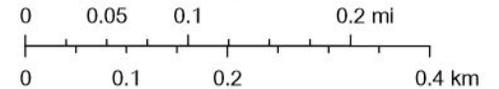
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-  Override 1
-  City Limits
-  Parcels
-  BLM National Public Land Survey - Township

1:9,028



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San Bernardino County GIS

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# Property Information Management System

San Bernardino County  
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 0472-222-06-0000



**Property Information**

Parcel 0472222060000

**Property Address (Main Situs)** Protected per CA. Govt. Code Sect. 6254.21  
Protected per CA. Govt. Code Sect. 6254.21

**Parcel Status** ACTIVE  
**Parcel Type** REAL PROPERTY  
**Property ID**

**Tax Status** ASSESSED BY COUNTY

**Owner and Mailing Address** ELEPHANT LAND LLC

**Use Code** VACANT

C/O CARL E ROSS & SAFARI ROSS, MANAGERS

**Land Access** PRIVATE UNPAVED

**Size** 14.001 TO 25.000 ACRES

Protected per CA. Govt. Code Sect. 6254.21

**Land Type** COMMERCIAL

Protected per CA. Govt. Code Sect. 6254.21

**District** HESPERIA

**Effective Date** 02/04/2020

**Resp Group** REAL PROPERTY

**Resp Unit** COMMERCIAL ZONE OR USE

**Current Owners**

**Name** ELEPHANT LAND LLC

**Document Numbers**

**R/I** SOLE OWNER

20200006459

**% Int** 100.0000000

**Type** BILLED OWNER

**Acquisition Date** 01/07/2020

**Document Date** 01/07/2020

**Inactive Date** NONE

**Legal Parcel Map**

Parcel Map	Parcel Nbr	Unit	Book	Page
	0472222060000			

**Legal Description**

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**Legal Reason for Change**

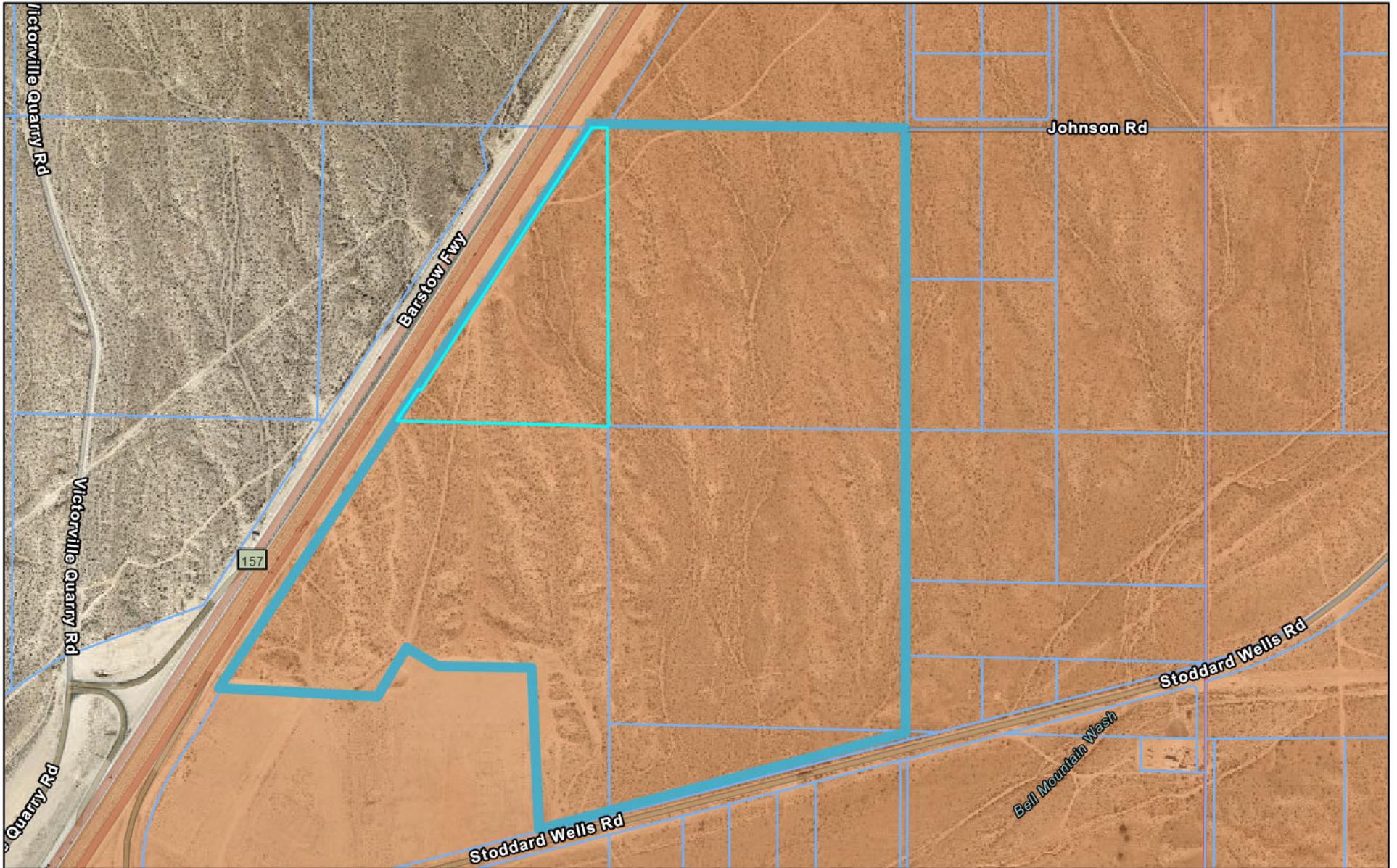
Legal Reason for Change	Document Number	Date
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DEED TO STATE FOR	20020570425	10/24/2002
DEED TO STATE FOR	20020570424	10/24/2002



**No Active Homeowner's Exemptions Found**



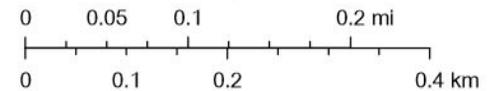
047222206



10/18/2021, 11:07:33 AM

-  Override 1
-  City Limits
-  Parcels
-  BLM National Public Land Survey - Township

1:9,028



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San Bernardino County GIS

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# Property Information Management System

San Bernardino County  
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 0472-222-11-0000



**Property Information**

Parcel 0472222110000

**Property Address (Main Situs)** Protected per CA. Govt. Code Sect. 6254.21  
Protected per CA. Govt. Code Sect. 6254.21

**Parcel Status** ACTIVE  
**Parcel Type** REAL PROPERTY  
**Property ID**

**Tax Status** ASSESSED BY COUNTY

**Owner and Mailing Address** ELEPHANT LAND LLC

**Use Code** VACANT

C/O CARL E ROSS & SAFARI ROSS, MANAGERS

**Land Access** NONE

**Size** 25.001 ACRES AND OVER

Protected per CA. Govt. Code Sect. 6254.21

**Land Type** COMMERCIAL

Protected per CA. Govt. Code Sect. 6254.21

**District** HESPERIA

**Effective Date** 02/04/2020

**Resp Group** REAL PROPERTY

**Resp Unit** COMMERCIAL ZONE OR USE

**Current Owners**

Name	Document Numbers
<b>ELEPHANT LAND LLC</b>	
R/I SOLE OWNER	20200006458
% Int 100.0000000	
Type BILLED OWNER	
Acquisition Date 01/07/2020	
Document Date 01/07/2020	
Inactive Date NONE	

**Legal Parcel Map**

Parcel Map	Parcel Nbr	Unit	Book	Page
	0472222110000			

**Legal Description**

S 1/2 NW 1/4 & NE 1/4 SW 1/4 SEC 24 TP 6N R 4W EX PTN SLY LI 40FT NLY & PARALLEL WITH C/L STODDARD WELLS RD AND EX PAR 1 PM 7955 AND EX PTN WLY OF ELY R/W LI HWY 15

**Legal Reason for Change**

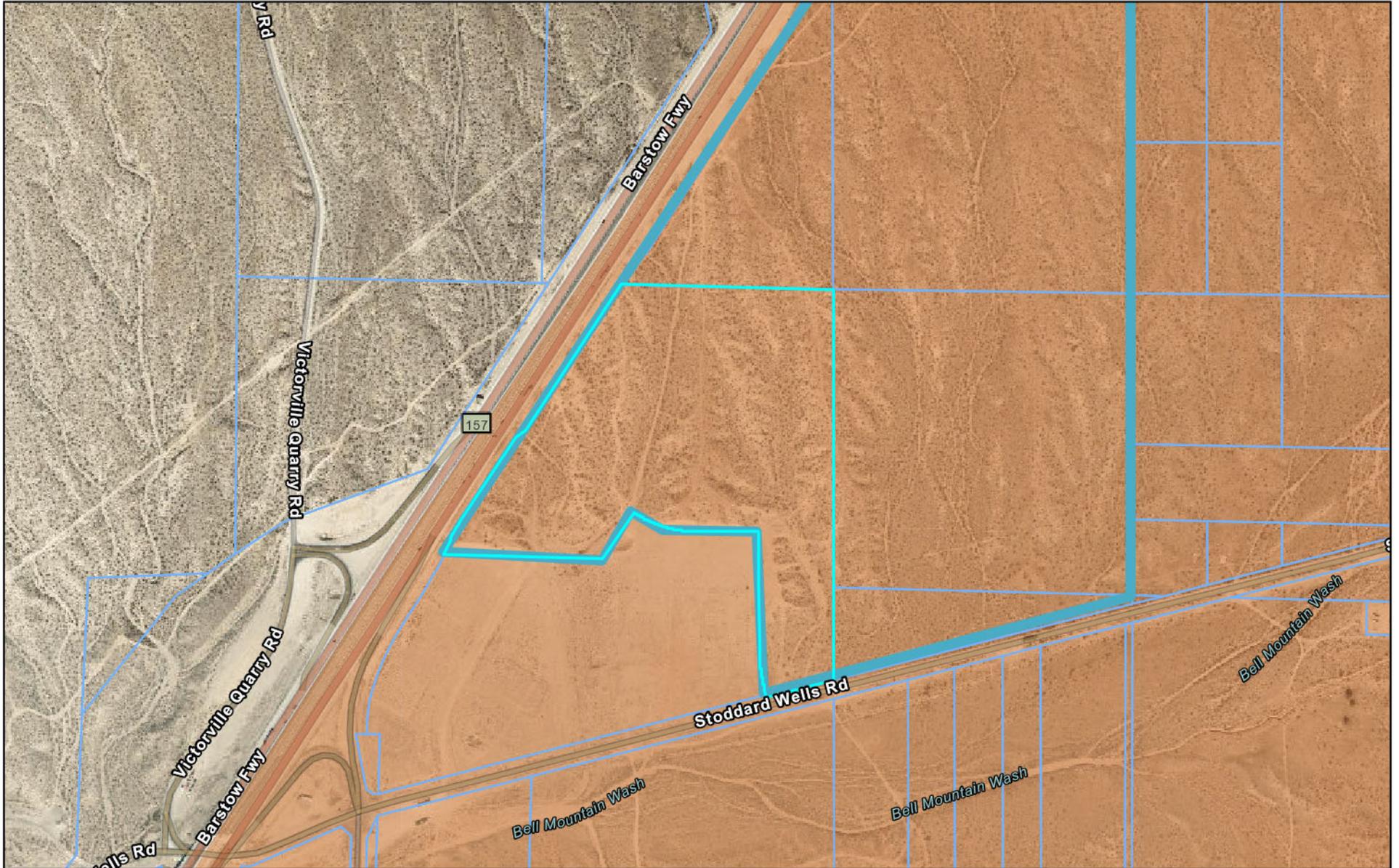
Legal Reason for Change	Document Number	Date
OTHER	20050756625	10/07/2005
CERTIFICATE OF	20050596353	08/15/2005



**No Active Homeowner's Exemptions Found**



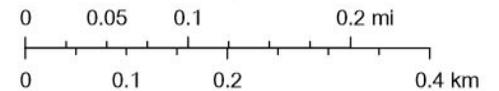
047222211



10/18/2021, 11:04:32 AM

- █ Override 1
- █ City Limits
- █ Parcels
- █ BLM National Public Land Survey - Township

1:9,028



San Bernardino County, Maxar, Esri Community Maps Contributors, City of



# Property Information Management System

San Bernardino County

Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 0472-211-06-0000



**Property Information**

Parcel 0472211060000

**Property Address (Main Situs)** Protected per CA. Govt. Code Sect. 6254.21  
Protected per CA. Govt. Code Sect. 6254.21

**Parcel Status** ACTIVE  
**Parcel Type** REAL PROPERTY  
**Property ID**

**Tax Status** ASSESSED BY COUNTY

**Owner and Mailing Address** ELEPHANT LAND LLC

**Use Code** VACANT

C/O CARL E & SAFARI ROSS MANAGERS

**Land Access** PUBLIC PAVED

**Size** 25.001 ACRES AND OVER

Protected per CA. Govt. Code Sect. 6254.21

**Land Type** COMMERCIAL

Protected per CA. Govt. Code Sect. 6254.21

**District** HESPERIA

**Effective Date** 02/04/2020

**Resp Group** REAL PROPERTY

**Resp Unit** COMMERCIAL ZONE OR USE

**Current Owners**

Name	Document Numbers
<b>ELEPHANT LAND LLC</b>	
R/I SOLE OWNER	20200006454
% Int 100.0000000	
Type BILLED OWNER	
<b>Acquisition Date</b> 01/07/2020	
<b>Document Date</b> 01/07/2020	
<b>Inactive Date</b> NONE	

**Legal Parcel Map**

Parcel Map	Parcel Nbr	Unit	Book	Page
	0472211060000			

**Legal Description**

SW 1/4 NE 1/4 SEC 24 TP 6N R 4W 40.90 AC

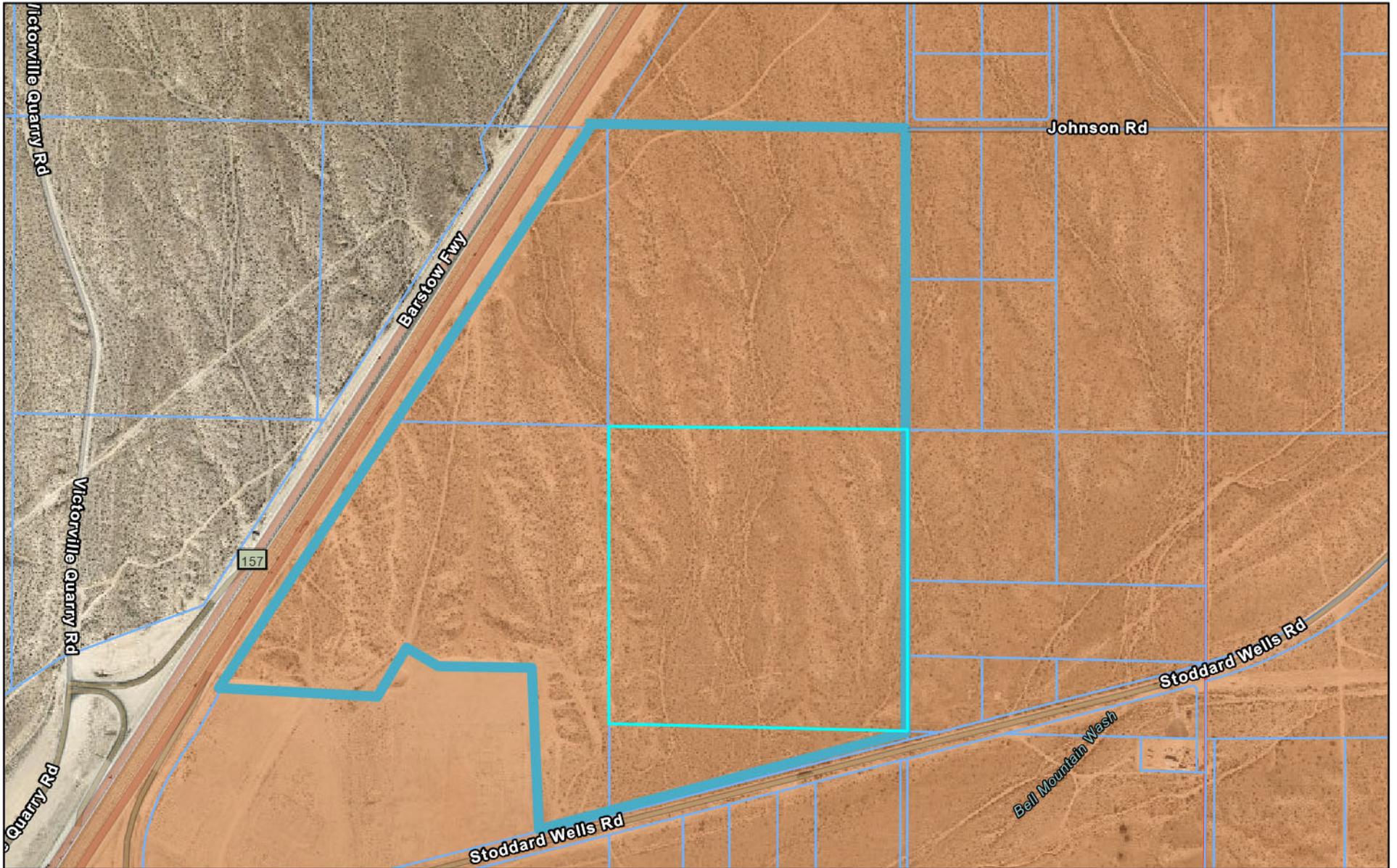
**No Legal Reason for Change Found**

**No Active Homeowner's Exemptions Found**





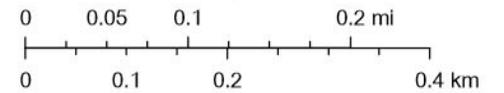
047221106



10/18/2021, 11:17:27 AM

-  Override 1
-  City Limits
-  Parcels
-  BLM National Public Land Survey - Township

1:9,028



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# Property Information Management System

San Bernardino County  
Office of the Assessor



PROPERTY INFORMATION REPORT FOR PARCEL 0472-211-05-0000



**Property Information**

Parcel 0472211050000

**Property Address (Main Situs)** Protected per CA. Govt. Code Sect. 6254.21  
Protected per CA. Govt. Code Sect. 6254.21

**Parcel Status** ACTIVE  
**Parcel Type** REAL PROPERTY  
**Property ID**  
**Tax Status** ASSESSED BY COUNTY  
**Use Code** VACANT  
**Land Access** PUBLIC PAVED  
**Size** 3.501 TO 7.000 ACRES  
**Land Type** COMMERCIAL  
**District** HESPERIA  
**Resp Group** REAL PROPERTY  
**Resp Unit** COMMERCIAL ZONE OR USE

**Owner and Mailing Address** ELEPHANT LAND LLC  
  
C/O CARL E & SAFARI ROSS MANAGERS  
Protected per CA. Govt. Code Sect. 6254.21  
Protected per CA. Govt. Code Sect. 6254.21

**Effective Date** 02/04/2020

**Current Owners**

Name	Document Numbers
<b>ELEPHANT LAND LLC</b>	
R/I SOLE OWNER	20200006451
% Int 100.0000000	
Type BILLED OWNER	
<b>Acquisition Date</b> 01/07/2020	
<b>Document Date</b> 01/07/2020	
<b>Inactive Date</b> NONE	

**Legal Parcel Map**

Parcel Map	Parcel Nbr	Unit	Book	Page
	0472211050000			

**Legal Description**

PTN NW 1/4 SE 1/4 SEC 24 TP 6N R 4W LYING N OF N LI CO RD 6.45 AC M/L

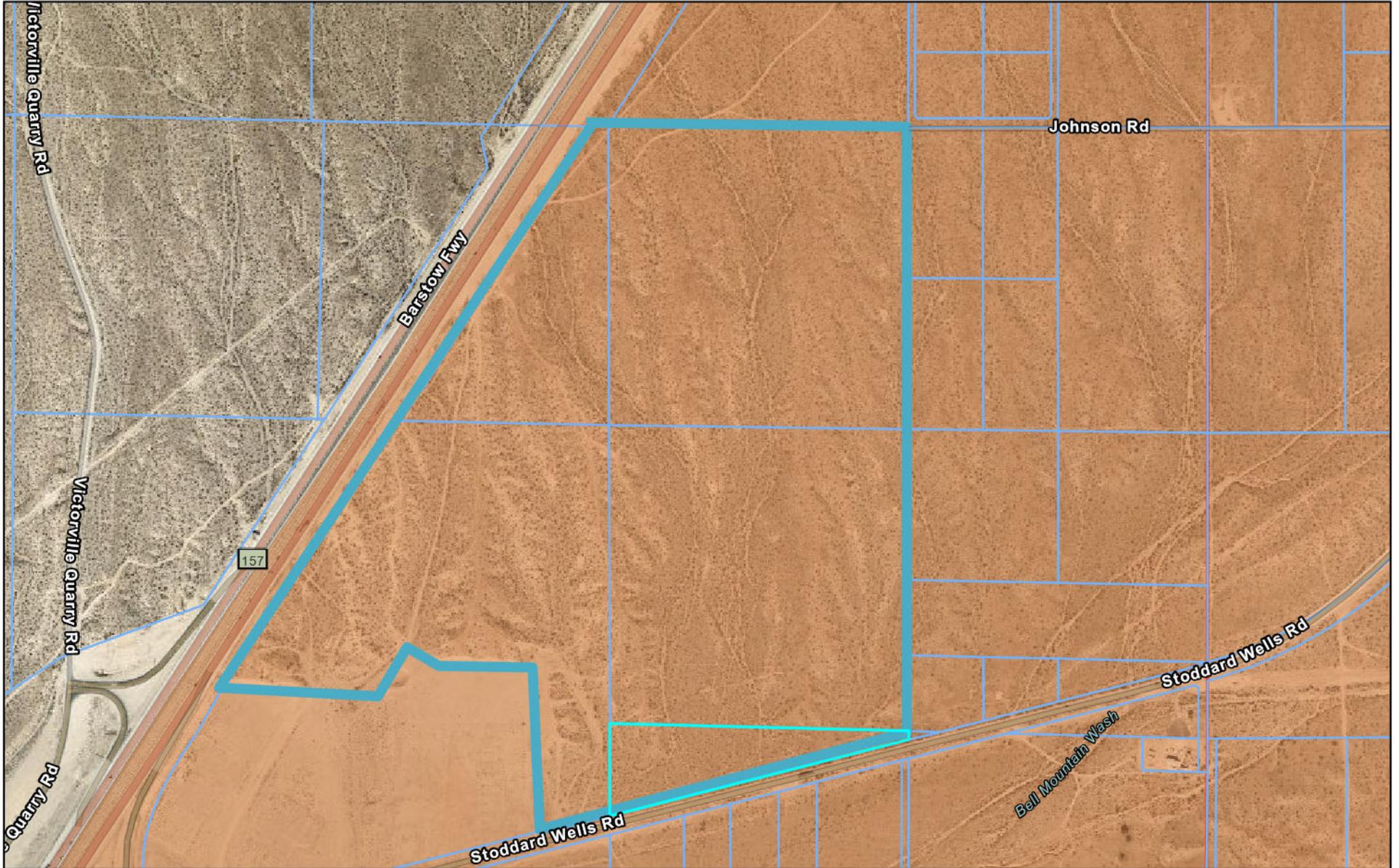
**No Legal Reason for Change Found**

**No Active Homeowner's Exemptions Found**





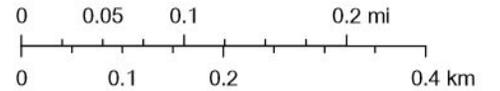
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-  Override 1
-  City Limits
-  Parcels
-  BLM National Public Land Survey - Township

1:9,028



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# DATABASE REPORT

**Project Property:** *143 Acre Tract  
Stoddard Wells Road  
Victorville CA*

**Project No:** *CCG-5024*

**Report Type:** *Database Report*

**Order No:** *21101900059*

**Requested by:** *Consolidated Consulting Group, LLC*

**Date Completed:** *October 19, 2021*

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

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

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# Executive Summary

## Property Information:

**Project Property:** 143 Acre Tract  
Stoddard Wells Road Victorville CA

**Project No:** CCG-5024

### **Coordinates:**

**Latitude:** 34.59685618  
**Longitude:** -117.25002272  
**UTM Northing:** 3,828,365.83  
**UTM Easting:** 477,073.65  
**UTM Zone:** 11S

**Elevation:** 2,960 FT

## Order Information:

**Order No:** 21101900059  
**Date Requested:** October 19, 2021  
**Requested by:** Consolidated Consulting Group, LLC  
**Report Type:** Database Report

## Historicals/Products:

**Aerial Photographs** Historical Aerials (with Project Boundaries)  
**City Directory Search** CD - 1 Street Search  
**ERIS Xplorer** [ERIS Xplorer](#)  
**Excel Add-On** Excel Add-On

# Executive Summary: Report Summary

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

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

<i>Database</i>	<i>Searched</i>	<i>Search Radius</i>	<i>Project Property</i>	<i>Within 0.12mi</i>	<i>0.125mi to 0.25mi</i>	<i>0.25mi to 0.50mi</i>	<i>0.50mi to 1.00mi</i>	<i>Total</i>
DELISTED COUNTY	Y	0.25	0	0	0	-	-	0
<b>Tribal</b>								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0
<b>County</b>								
SANBERN CUPA	Y	0.25	0	0	0	-	-	0
<b><u>Additional Environmental Records</u></b>								
<b>Federal</b>								
PFAS NPL	Y	0.5	0	0	0	0	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
URANIUM	Y	1	0	0	0	0	0	0

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
SSTS	Y	0.25	0	0	0	-	-	0
PCB	Y	0.5	0	0	0	0	-	0
<b>State</b>								
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DRYC GRANT	Y	0.25	0	0	0	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	0	1	-	1
HWSS CLEANUP	Y	0.5	0	0	0	0	-	0
DTSC HWF	Y	0.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	0	0	0	0
SCH	Y	1	0	0	0	0	0	0
CHMIRS	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	0	-	-	-	-	0
HIST MANIFEST	Y	PO	0	-	-	-	-	0
HW TRANSPORT	Y	0.125	0	0	-	-	-	0
WASTE TIRE	Y	PO	0	-	-	-	-	0
MEDICAL WASTE	Y	0.25	0	0	0	-	-	0
HIST CORTESE	Y	0.5	0	0	0	0	-	0
CDO/CAO	Y	0.5	0	0	0	0	-	0
CERS HAZ	Y	0.125	0	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	0	-	-	0
CDL	Y	0.125	0	0	-	-	-	0
<b>Tribal</b>	<b>No Tribal additional environmental record sources available for this State.</b>							
<b>County</b>								
MED WST SANBERN	Y	0.25	0	0	0	-	-	0

<i>Database</i>	<i>Searched</i>	<i>Search Radius</i>	<i>Project Property</i>	<i>Within 0.12mi</i>	<i>0.125mi to 0.25mi</i>	<i>0.25mi to 0.50mi</i>	<i>0.50mi to 1.00mi</i>	<i>Total</i>
			0	0	0	1	0	1
	<i>Total:</i>		0	0	0	1	0	1

\* *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

<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>
<a href="#">1</a>	PFAS GW		CA	WSW	0.42 / 2,227.99	-77	<a href="#">17</a>

## Executive Summary: Summary by Data Source

### **Non Standard**

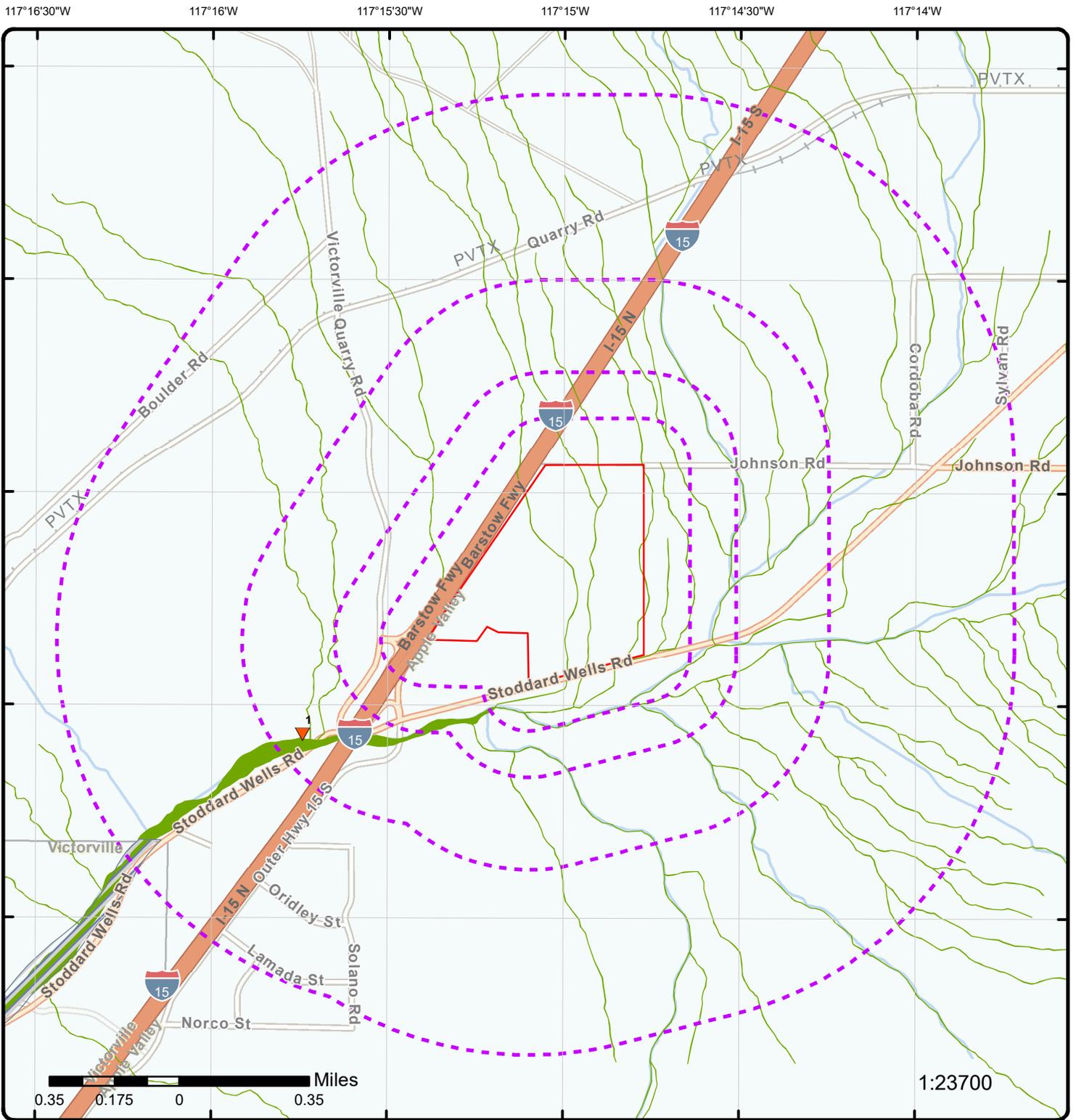
#### **State**

##### **PFAS GW - PFOA/PFOS Groundwater**

A search of the PFAS GW database, dated Oct 22, 2020 has found that there are 1 PFAS GW site(s) within approximately 0.50 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>
	CA	WSW	0.42 / 2,227.99	<a href="#">1</a>





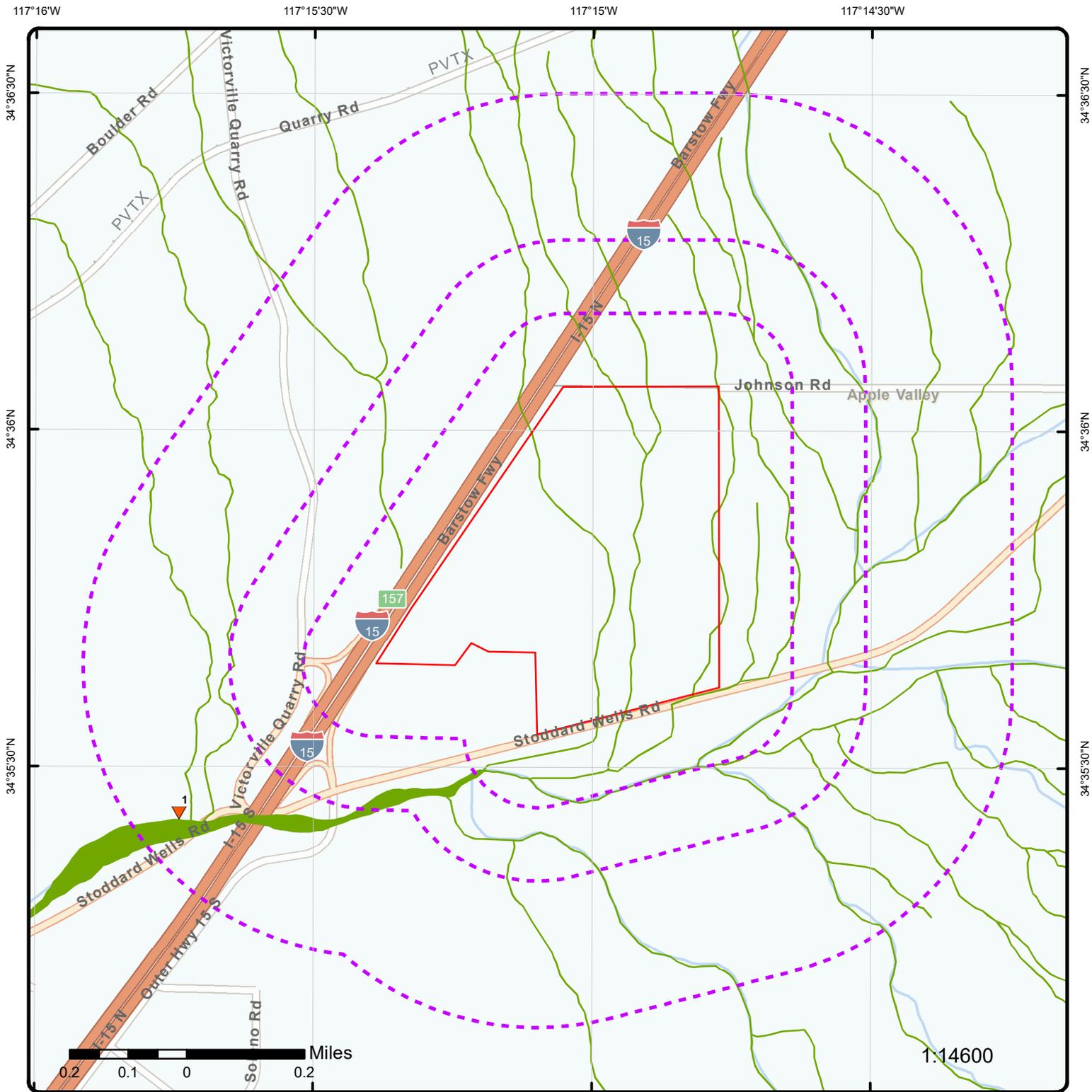
**Map: 1.0 Mile Radius**

Order Number: 21101900059  
 Address: Stoddard Wells Road, Victorville, CA



Project Property	Buffer Outline	State	FWS Special Designation Areas
Eris Sites with Higher Elevation	Freeways; Highways	Country	State Brownfield Sites
Eris Sites with Same Elevation	Traffic Circle; Ramp	National Wetland	State Brownfield Areas
Eris Sites with Lower Elevation	Major & Minor Arterial	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Unknown Elevation	Traffic Circle; Ramp	Historic Fill	State Superfund Areas:NPL
Eris Areas with Higher Elevation	Local Road	100 Year Flood Zone	WQARF Areas
Eris Areas with Same Elevation	Rail	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
Eris Areas with Lower Elevation			Plume
Eris Areas with Unknown Elevation			

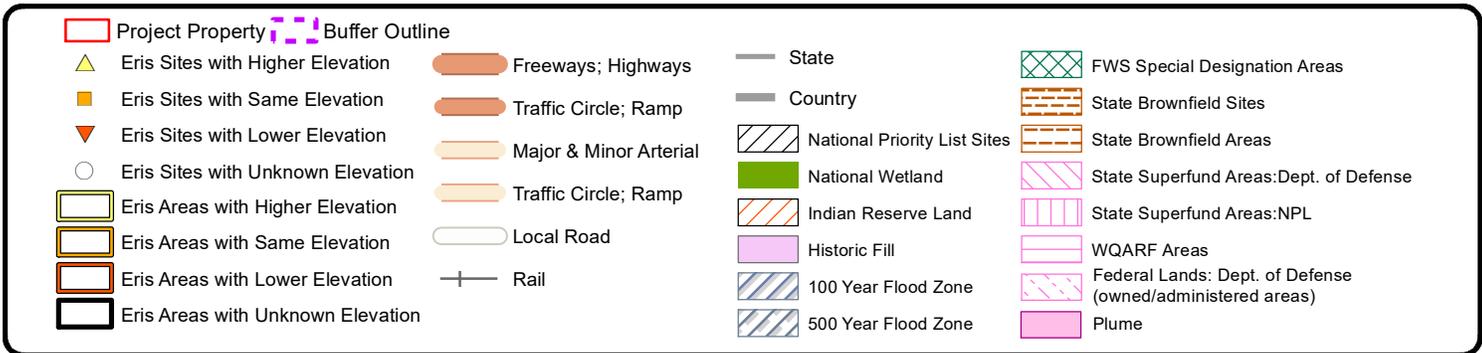




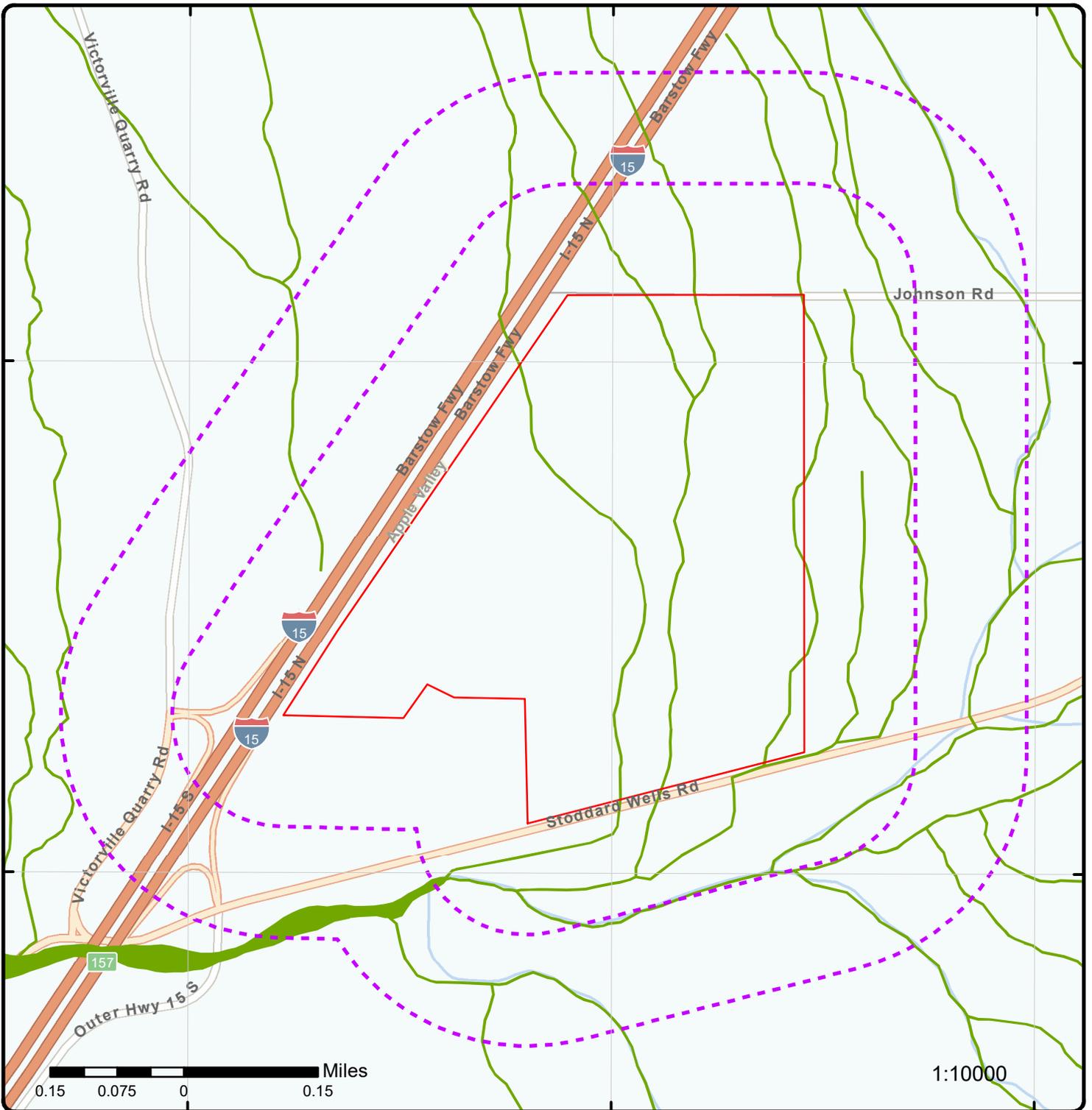
**Map: 0.5 Mile Radius**

Order Number: 21101900059

Address: Stoddard Wells Road, Victorville, CA



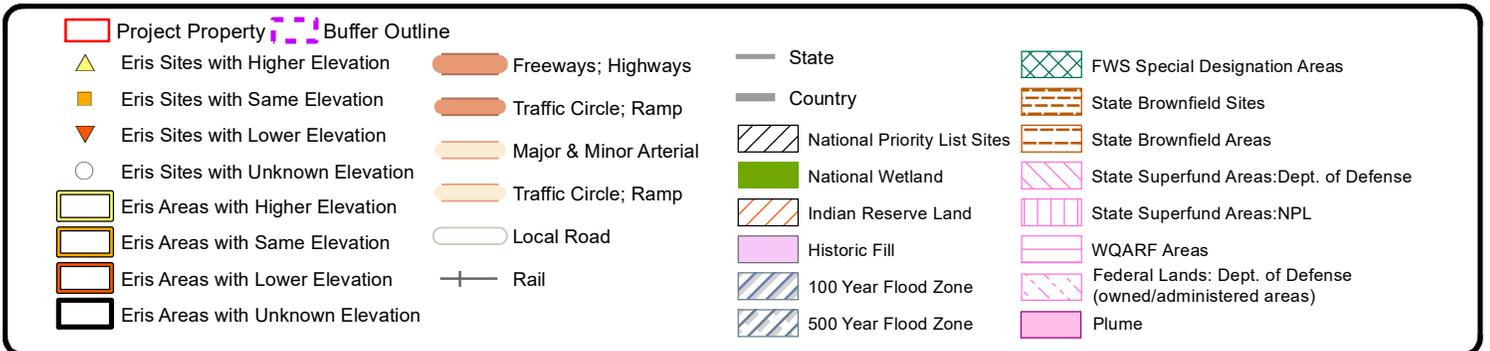




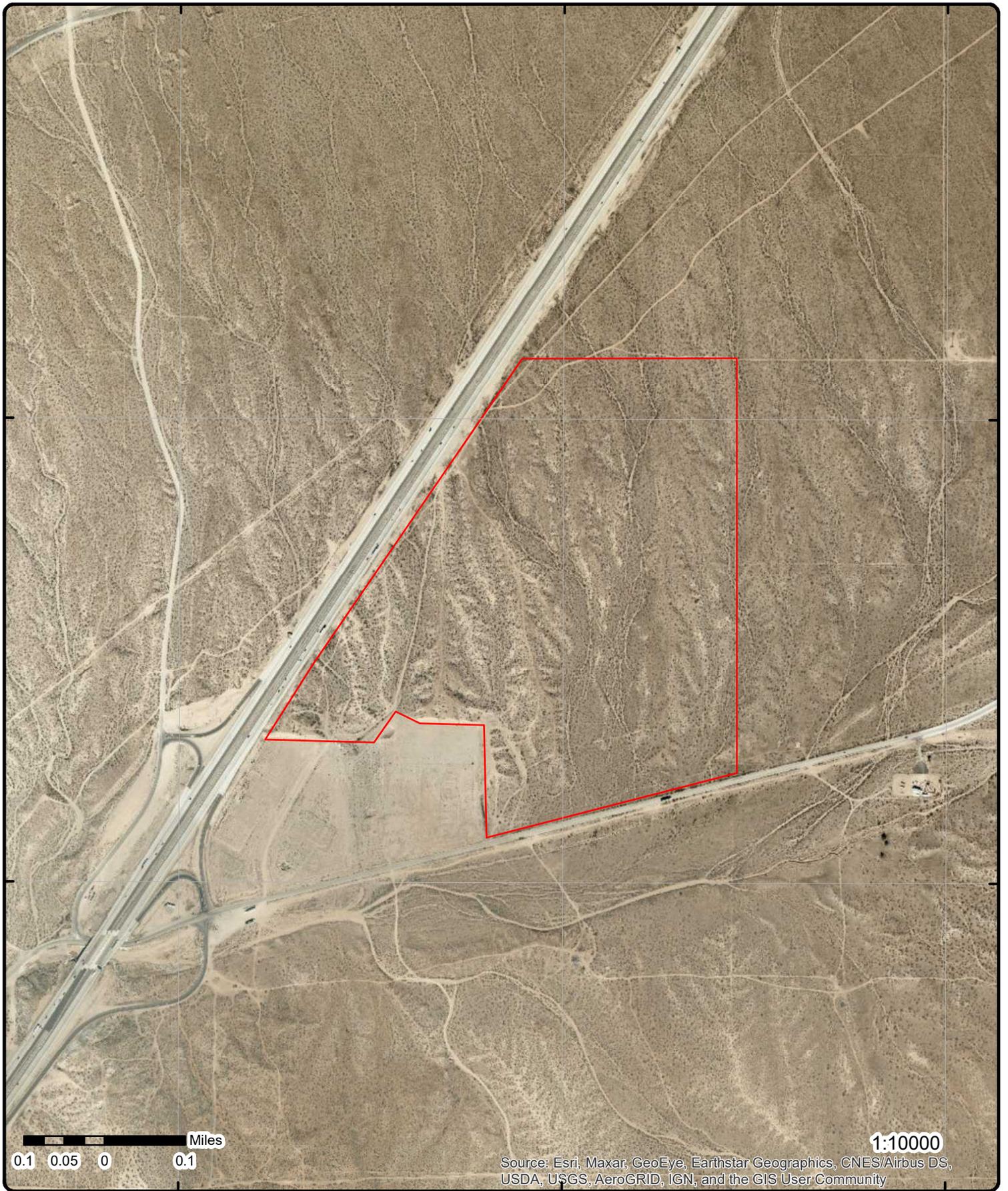
### Map: 0.25 Mile Radius

Order Number: 21101900059

Address: Stoddard Wells Road, Victorville, CA







Miles  
0.1 0.05 0 0.1

1:10000

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

**Aerial** Year: 2020

Address: Stoddard Wells Road, Victorville, CA

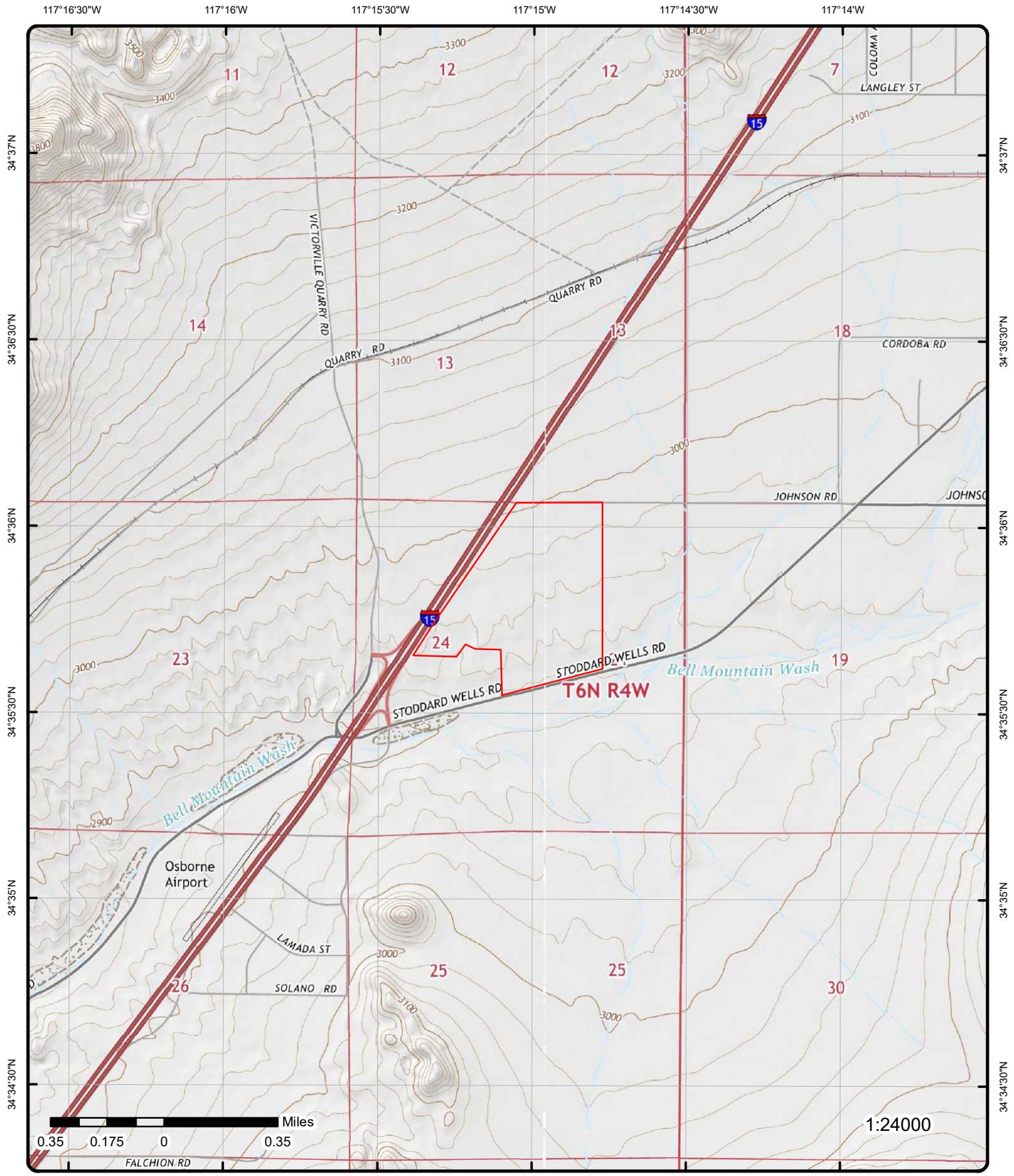
Source: ESRI World Imagery

Order Number: 21101900059



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**Topographic Map**

Year: 2015

Order Number: 21101900059

Address: Stoddard Wells Road, CA



Quadrangle(s): Victorville, CA; Turtle Valley, CA; Helendale, CA; Apple Valley North, CA

© ERIS Information Inc.

Source: USGS Topographic Map



# Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>1</u>	1 of 1	WSW	0.42 / 2,227.99	2,882.88 / -77	CA	PFAS GW

**Well ID:** L10004389991-BMWP-2  
**Latitude:** 34.590502999999998  
**Longitude:** -117.262337  
**Data Source(s):** Perfluorooctanoic Acid; Perfluorobutanesulfonic acid; Perfluorobutanoic acid; Perfluorododecanoic acid; Perfluorodecanesulfonic acid; Perfluorohexanoic acid; Perfluoroheptanoic acid; Perfluoroheptanesulfonic acid; Perfluorohexanesulfonic acid; Perfluorononanoic acid; Perfluorooctadecanoic acid; Perfluorononanesulfonic acid; Perfluorotetradecanoic acid; Perfluorotridecanoic acid; Perfluoroundecanoic acid

**Perfluorooctanoic Acid**

<b>Chemical:</b> PFOA	<b>RL:</b> 1.8
<b>Results:</b> 3.1	<b>Top of Screen (ft):</b>
<b>Date :</b> 01/09/2020	<b>Screen Length (ft):</b>
<b>Units:</b> NG/L	<b>Source:</b> EDF
<b>Qualifer:</b> =	<b>Source Name:</b> BMWP-2
<b>Well Type:</b> PIEZOMETER	<b>Other Names:</b> BMWP-2
<b>Well Depth (ft):</b> 156	

**Perfluorobutanesulfonic acid**

<b>Chemical:</b> PFBSA	<b>RL:</b> 1.8
<b>Results:</b> 1.2	<b>Top of Screen (ft):</b>
<b>Date :</b> 01/09/2020	<b>Screen Length (ft):</b>
<b>Units:</b> NG/L	<b>Source:</b> EDF
<b>Qualifer:</b> =	<b>Source Name:</b> BMWP-2
<b>Well Type:</b> PIEZOMETER	<b>Other Names:</b> BMWP-2
<b>Well Depth (ft):</b> 156	

**Perfluorobutanoic acid**

<b>Chemical:</b> PFBTA	<b>RL:</b> 1.8
<b>Results:</b> 4.9	<b>Top of Screen (ft):</b>
<b>Date :</b> 01/09/2020	<b>Screen Length (ft):</b>
<b>Units:</b> NG/L	<b>Source:</b> EDF
<b>Qualifer:</b> =	<b>Source Name:</b> BMWP-2
<b>Well Type:</b> PIEZOMETER	<b>Other Names:</b> BMWP-2
<b>Well Depth (ft):</b> 156	

**Perfluorododecanoic acid**

<b>Chemical:</b> PFDOA	<b>RL:</b> 1.8
<b>Results:</b> 0	<b>Top of Screen (ft):</b>
<b>Date :</b> 01/09/2020	<b>Screen Length (ft):</b>
<b>Units:</b> NG/L	<b>Source:</b> EDF
<b>Qualifer:</b> ND	<b>Source Name:</b> BMWP-2
<b>Well Type:</b> PIEZOMETER	<b>Other Names:</b> BMWP-2
<b>Well Depth (ft):</b> 156	

**Perfluorodecanesulfonic acid**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<b>Chemical:</b>	PFDSA			<b>RL:</b>	1.8	
<b>Results:</b>	0			<b>Top of Screen (ft):</b>		
<b>Date :</b>	01/09/2020			<b>Screen Length (ft):</b>		
<b>Units:</b>	NG/L			<b>Source:</b>	EDF	
<b>Qualifer:</b>	ND			<b>Source Name:</b>	BMWP-2	
<b>Well Type:</b>	PIEZOMETER			<b>Other Names:</b>	BMWP-2	
<b>Well Depth (ft):</b>	156					
<b><u>Perfluorohexanoic acid</u></b>						
<b>Chemical:</b>	PFHA			<b>RL:</b>	1.8	
<b>Results:</b>	3.9			<b>Top of Screen (ft):</b>		
<b>Date :</b>	01/09/2020			<b>Screen Length (ft):</b>		
<b>Units:</b>	NG/L			<b>Source:</b>	EDF	
<b>Qualifer:</b>	=			<b>Source Name:</b>	BMWP-2	
<b>Well Type:</b>	PIEZOMETER			<b>Other Names:</b>	BMWP-2	
<b>Well Depth (ft):</b>	156					
<b><u>Perfluoroheptanoic acid</u></b>						
<b>Chemical:</b>	PFHPA			<b>RL:</b>	1.8	
<b>Results:</b>	2.2			<b>Top of Screen (ft):</b>		
<b>Date :</b>	01/09/2020			<b>Screen Length (ft):</b>		
<b>Units:</b>	NG/L			<b>Source:</b>	EDF	
<b>Qualifer:</b>	=			<b>Source Name:</b>	BMWP-2	
<b>Well Type:</b>	PIEZOMETER			<b>Other Names:</b>	BMWP-2	
<b>Well Depth (ft):</b>	156					
<b><u>Perfluoroheptanesulfonic acid</u></b>						
<b>Chemical:</b>	PFHPSA			<b>RL:</b>	1.8	
<b>Results:</b>	0			<b>Top of Screen (ft):</b>		
<b>Date :</b>	01/09/2020			<b>Screen Length (ft):</b>		
<b>Units:</b>	NG/L			<b>Source:</b>	EDF	
<b>Qualifer:</b>	ND			<b>Source Name:</b>	BMWP-2	
<b>Well Type:</b>	PIEZOMETER			<b>Other Names:</b>	BMWP-2	
<b>Well Depth (ft):</b>	156					
<b><u>Perfluorohexanesulfonic acid</u></b>						
<b>Chemical:</b>	PFHXSA			<b>RL:</b>	1.8	
<b>Results:</b>	2.1			<b>Top of Screen (ft):</b>		
<b>Date :</b>	01/09/2020			<b>Screen Length (ft):</b>		
<b>Units:</b>	NG/L			<b>Source:</b>	EDF	
<b>Qualifer:</b>	=			<b>Source Name:</b>	BMWP-2	
<b>Well Type:</b>	PIEZOMETER			<b>Other Names:</b>	BMWP-2	
<b>Well Depth (ft):</b>	156					
<b><u>Perfluorononanoic acid</u></b>						
<b>Chemical:</b>	PFNA			<b>RL:</b>	1.8	
<b>Results:</b>	0			<b>Top of Screen (ft):</b>		
<b>Date :</b>	01/09/2020			<b>Screen Length (ft):</b>		
<b>Units:</b>	NG/L			<b>Source:</b>	EDF	
<b>Qualifer:</b>	ND			<b>Source Name:</b>	BMWP-2	
<b>Well Type:</b>	PIEZOMETER			<b>Other Names:</b>	BMWP-2	
<b>Well Depth (ft):</b>	156					
<b><u>Perfluorooctadecanoic acid</u></b>						
<b>Chemical:</b>	PFNDCA			<b>RL:</b>	1.8	
<b>Results:</b>	0			<b>Top of Screen (ft):</b>		

<b>Date :</b>	01/09/2020				<b>Screen Length (ft):</b>	
<b>Units:</b>	NG/L				<b>Source:</b>	EDF
<b>Qualifer:</b>	ND				<b>Source Name:</b>	BMWP-2
<b>Well Type:</b>	PIEZOMETER				<b>Other Names:</b>	BMWP-2
<b>Well Depth (ft):</b>	156					

**Perfluorononanesulfonic acid**

<b>Chemical:</b>	PFNS				<b>RL:</b>	1.8
<b>Results:</b>	0				<b>Top of Screen (ft):</b>	
<b>Date :</b>	01/09/2020				<b>Screen Length (ft):</b>	
<b>Units:</b>	NG/L				<b>Source:</b>	EDF
<b>Qualifer:</b>	ND				<b>Source Name:</b>	BMWP-2
<b>Well Type:</b>	PIEZOMETER				<b>Other Names:</b>	BMWP-2
<b>Well Depth (ft):</b>	156					

**Perfluorotetradecanoic acid**

<b>Chemical:</b>	PFTEDA				<b>RL:</b>	1.8
<b>Results:</b>	0				<b>Top of Screen (ft):</b>	
<b>Date :</b>	01/09/2020				<b>Screen Length (ft):</b>	
<b>Units:</b>	NG/L				<b>Source:</b>	EDF
<b>Qualifer:</b>	ND				<b>Source Name:</b>	BMWP-2
<b>Well Type:</b>	PIEZOMETER				<b>Other Names:</b>	BMWP-2
<b>Well Depth (ft):</b>	156					

**Perfluorotridecanoic acid**

<b>Chemical:</b>	PFTRIDA				<b>RL:</b>	1.8
<b>Results:</b>	0				<b>Top of Screen (ft):</b>	
<b>Date :</b>	01/09/2020				<b>Screen Length (ft):</b>	
<b>Units:</b>	NG/L				<b>Source:</b>	EDF
<b>Qualifer:</b>	ND				<b>Source Name:</b>	BMWP-2
<b>Well Type:</b>	PIEZOMETER				<b>Other Names:</b>	BMWP-2
<b>Well Depth (ft):</b>	156					

**Perfluoroundecanoic acid**

<b>Chemical:</b>	PFUNDCA				<b>RL:</b>	1.8
<b>Results:</b>	0				<b>Top of Screen (ft):</b>	
<b>Date :</b>	01/09/2020				<b>Screen Length (ft):</b>	
<b>Units:</b>	NG/L				<b>Source:</b>	EDF
<b>Qualifer:</b>	ND				<b>Source Name:</b>	BMWP-2
<b>Well Type:</b>	PIEZOMETER				<b>Other Names:</b>	BMWP-2
<b>Well Depth (ft):</b>	156					

# Unplottable Summary

Total: 7 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
CDL		STODDARD WELLS RD, 2 MI N OF I-15 EXI	VICTORVILLE CA	92392	820112879
CHMIRS	State Wide Emergency Services	Stoddard Wells Rd x Johnson Rd  <i>Notified Date:</i> 10/9/2020 7:51:00 AM	Unincorporated county area San Bernardino Western portion CA	93307	885762138
CHMIRS	NRC	NB I-15, Near Exit and MP 157	Victorville CA		836813886
ERNS		INTERSTATE 15 NORTH BOUND, NEAR EXIT: 157  <i>NRC Report No:</i> 1129994	VICTORVILLE CA		825393262
HAZNET	US XPRESS	INTERSTATE 15 POST MI 15-263	SAN BERNARDINO CA	924080000	826538485
HIST CHMIRS	MIDWESTERN TRANS.	STODDARD WELLS RD. & I-5	VICTORVILLE CA		826023466
HMIRS		I 15	VICTORVILLE CA		818238614

# Unplottable Report

**Site:** STODDARD WELLS RD, 2 MI N OF I-15 EXI VICTORVILLE CA 92392 CDL

**Clue:** 2001-06-140  
**Date:** 6/25/2001  
**County:** SAN BERNARDINO  
**Lab Type:** A  
**Lab Type Description:** Abandoned Drug Lab Waste - location away from an actual illegal drug lab where drug lab waste and/or equipment were abandoned.

**Site:** State Wide Emergency Services CHMIRS  
Stoddard Wells Rd x Johnson Rd Unincorporated county area San Bernardino Western portion CA  
93307

**Control No:** '20-5645 **Notified Date:** 10/9/2020 7:51:00 AM  
**County:** San Bernardino County **Notified Date Time:**  
**Year:** 2020  
**URL:**

## Spill Report View

**Amount 1:** **Creation Date:** 10/09/2020 07:51 AM  
**Amount 2:** **Received By:**  
**Amount 3:** **Admin Agency:**  
**Type:** PETROLEUM **Admin Agency 2:**  
**Water:** **Additional County:**  
**On Scene:** **Phone No:**  
**Other on Scene:** **Ext:**  
**Other Notified:** **Pag Cell:**  
**Document Title:** SPILL Report  
**Spill Site:** Road  
**Cause Desc for Other:**  
**Person Notifying Cal OES:**

## Hazardous Materials Spill Report

**Contained:** Stopped, Contained **Control Cal OES:** 20-5645  
**Date :** 10/09/2020 **Control NRC:**  
**Time:** 0751 **Received By:**  
**Incident Date:** 10/08/2020 **Cleanup By:** Reporting Party  
**Incident Time:** 1300 **2 Substance:** Motor Oil  
**Water Involved:** No **2 Qty:** =  
**Waterway:** **2 Amount:** 2  
**Drink Wtr Impact:** No **2 Measure:** Gal(s)  
**Detail for Other:** **2 Type:** PETROLEUM  
**UPRR Rim No:** **2 Other:**  
**DOG Unit:** **2 Pipeline:** No  
**RWQCB Unit:** 8 **2 Ves >= 300 Tns:** No  
**1 Substance:** Diesel **3 Substance:**  
**1 Qty:** = **3 Qty:** =  
**1 Amount :** 20 **3 Amount:**  
**1 Measure:** Gal(s) **3 Measure:**  
**1 Type:** PETROLEUM **3 Type:**  
**1 Other:** **3 Other:**  
**1 Pipeline:** No **3 Pipeline:** No  
**1 Ves >= 300 Tons:** No **3 Ves >= 300 Tons:** No  
**Incident Location:** Stoddard Wells Rd x Johnson Rd  
**Additional County:**

**Injuries:** No  
**Fatality:** No  
**Evacuation:** No  
**Known Impact:** None  
**Name:**  
**Agency:** State Wide Emergency Services  
**Phone:**  
**Ext:**  
**Pag Cell:**  
**PRS Name:**  
**PRS Agency:** Madrios Mourdian Trucking  
**PRS Phone:**  
**PRS Ext:**  
**PRS Pag Cell:**  
**Sec Agency:**  
**Admin Agency:** San Bernardino County Fire Department  
**Admin Agency 2:**  
**Notification Info:**  
**Notification List:**  
**On Scene:** Fire Dept.  
**Other on Scene:**  
**Other Notified:**  
**Header Unknown:** SOUTH COAST AQMD  
**Incident Desc:**  
**Site:** Road  
**Reported Cause:** Mechanical  
**R R Crssing < 50 Ft:**  
**Description:** Caller states that a diesel rig had caught on fire. This caused the release of approximately 20 gallons of diesel and 2 gallons of motor oil. Caller states that the diesel and motor oil has not made its way into any waterways or storm drains.

**California Hazardous Material Incident Report System (2020)**

<b>Incident Date:</b> 10/8/2020 <b>Time:</b> 1300 <b>Spill Site:</b> Road <b>Site:</b> <b>Contained:</b> Stopped, Contained <b>Water:</b> No <b>Water Way:</b> <b>Injuries Yes/No:</b> No <b>Injuries No:</b> <b>Fatals Yes/No:</b> No <b>Fatals No:</b> <b>Evacs Yes/No:</b> No <b>Evacs No:</b> <b>Cleanup:</b> Reporting Party <b>Cause:</b> Mechanical <b>A1 Substance:</b> Diesel <b>A1 Other:</b>  <b>A1 Quantity:</b> 20 <b>A1 Measure:</b> Gal(s)  <b>A1 Type:</b> PETROLEUM <b>A1 Pipeline:</b> No <b>A1 Vessel 300 Tons:</b> No <b>Admin Agency:</b> San Bernardino County Fire Department <b>Notification Area:</b> AA/CUPA, DTSC, RWQCB, US EPA, USFWS <b>Description:</b> Caller states that a diesel rig had caught on fire. This caused the release of approximately 20 gallons of diesel and 2 gallons of motor oil. Caller states that the diesel and motor oil has not made its way into any waterways or storm drains.  <b>Location:</b> Stoddard Wells Rd x Johnson Rd	<b>Dog No:</b> <b>A2 Substance:</b> Motor Oil <b>A2 Quantity:</b> 2 <b>A2 Measure:</b> Gal(s) <b>A2 Type:</b> PETROLEUM <b>A2 Other:</b> <b>A2 Pipeline:</b> No <b>A2 Vessel 300 Tons:</b> No <b>A3 Substance:</b> <b>A3 Quantity:</b> <b>A3 Measure:</b> <b>A3 Type:</b> <b>A3 Other:</b> <b>A3 Pipeline:</b> No <b>A3 Vessel 300 Tons:</b> No <b>Cause Other:</b> <b>Drinking Water</b> <b>Impact:</b> No <b>Known Impact:</b> None <b>City:</b> Unincorporated county area San Bernardino Western portion San Bernardino County <b>County:</b> San Bernardino County <b>ZIP:</b> 93307
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**Site:** NRC  
NB I-15, Near Exit and MP 157 Victorville CA

CHMIRS

**Control No:** 15-5809  
**County:** San Bernardino County

**Notified Date:**  
**Notified Date Time:**

Year: 2015  
 URL: https://w3.calema.ca.gov/operational/malhaz.nsf/f1841a103c102734882563e200760c4a/20bba144bdfba10f88257ed30057d355?OpenDocument

**California Hazardous Material Incident Report System (as of 2006 to 2015)**

<b>Contained:</b>	Unknown	<b>3 Ves &gt;= 300 Tons:</b>	No
<b>1 Substance:</b>	Unknown Material, Fluid	<b>Incident Date:</b>	10/3/2015
<b>1 Measure:</b>	Unknown	<b>Incident Time:</b>	830
<b>1 Other:</b>		<b>Spill Site:</b>	Road
<b>1 Quantity:</b>	Unknown	<b>Injuries?:</b>	No
<b>1 Type:</b>	UNSPECIFIED	<b>No of Injuries:</b>	
<b>1 Pipeline:</b>	No	<b>Fatals?:</b>	No
<b>1 Vessel &gt;= 300 Tons:</b>	No	<b>No of Fatals:</b>	
<b>2 Substance:</b>		<b>Evacs?:</b>	No
<b>2 Quantity:</b>		<b>No of Evacs:</b>	
<b>2 Measure:</b>		<b>Cleanup:</b>	Unknown
<b>2 Type:</b>		<b>Site:</b>	
<b>2 Other:</b>		<b>Cause:</b>	Unknown
<b>2 Pipeline:</b>	No	<b>Cause Other:</b>	
<b>2 Vessel &gt;= 300 Tons:</b>	No	<b>Dog No:</b>	
<b>3 Substance:</b>		<b>Water:</b>	No
<b>3 Quantity:</b>		<b>Water Way:</b>	
<b>3 Measure:</b>		<b>City:</b>	Victorville
<b>3 Type:</b>		<b>County:</b>	San Bernardino County
<b>3 Other:</b>		<b>ZIP:</b>	
<b>3 Pipeline:</b>	No		
<b>Admin Agency:</b>	Victorville Fire Department		
<b>Notification Area:</b>	AA/CUPA,DFG-OSPR,DTSC,RWQCB,US EPA,USFWS,CALTRANS,Co/E-Hlth		
<b>Location:</b>	NB I-15, Near Exit and MP 157		
<b>Description:</b>	Per NRC: "CALLER IS REPORTING THAT THE DRIVER WAS FLAGGED DOWN BY A MOTORIST DUE TO AN UNKNOWN FLUID LEAKING FROM THE TRAILER."		

**Spill Report View**

<b>Amount 1:</b>		<b>Creation Date:</b>	10/03/2015 08:59 AM
<b>Amount 2:</b>		<b>Received By:</b>	
<b>Amount 3:</b>		<b>Admin Agency:</b>	
<b>Type:</b>	UNSPECIFIED	<b>Admin Agency 2:</b>	
<b>Water:</b>		<b>Additional County:</b>	
<b>On Scene:</b>		<b>Phone No:</b>	
<b>Other on Scene:</b>		<b>Ext:</b>	
<b>Other Notified:</b>		<b>Pag Cell:</b>	
<b>Document Title:</b>	SPILL Report		
<b>Spill Site:</b>	Road		
<b>Cause Desc for Other:</b>			
<b>Person Notifying Cal OES:</b>			

**Hazardous Materials Spill Report**

<b>Contained:</b>	Unknown	<b>Control Cal OES:</b>	15-5809
<b>Date :</b>	10/03/2015	<b>Control NRC:</b>	1129994
<b>Time:</b>	0859	<b>Received By:</b>	
<b>Incident Date:</b>	10/03/2015	<b>Cleanup By:</b>	Unknown
<b>Incident Time:</b>	0830	<b>2 Substance:</b>	
<b>Water Involved:</b>	No	<b>2 Qty:</b>	=
<b>Waterway:</b>		<b>2 Amount:</b>	
<b>Drink Wtr Impact:</b>		<b>2 Measure:</b>	
<b>Detail for Other:</b>		<b>2 Type:</b>	
<b>UPRR Rim No:</b>		<b>2 Other:</b>	
<b>DOG Unit:</b>		<b>2 Pipeline:</b>	No
<b>RWQCB Unit:</b>	6B	<b>2 Ves &gt;= 300 Tns:</b>	No
<b>1 Substance:</b>	Unknown Material, Fluid	<b>3 Substance:</b>	
<b>1 Qty:</b>	=	<b>3 Qty:</b>	=
<b>1 Amount :</b>	Unknown	<b>3 Amount:</b>	
<b>1 Measure:</b>	Unknown	<b>3 Measure:</b>	
<b>1 Type:</b>	UNSPECIFIED	<b>3 Type:</b>	
<b>1 Other:</b>		<b>3 Other:</b>	
<b>1 Pipeline:</b>	No	<b>3 Pipeline:</b>	No

<b>1 Ves &gt;= 300 Tons:</b>	No	<b>3 Ves &gt;= 300 Tons:</b>	No
<b>Incident Location:</b>	NB I-15, Near Exit and MP 157		
<b>Additional County:</b>			
<b>Injuries:</b>	No		
<b>Fatality:</b>	No		
<b>Evacuation:</b>	No		
<b>Known Impact:</b>	Unknown		
<b>Name:</b>			
<b>Agency:</b>	NRC		
<b>Phone:</b>			
<b>Ext:</b>			
<b>Pag Cell:</b>			
<b>PRS Name:</b>			
<b>PRS Agency:</b>	FedEx Freight Inc		
<b>PRS Phone:</b>			
<b>PRS Ext:</b>			
<b>PRS Pag Cell:</b>			
<b>Sec Agency:</b>	San Bernardino County Fire Department		
<b>Admin Agency:</b>	Victorville Fire Department		
<b>Admin Agency 2:</b>			
<b>Notification Info:</b>			
<b>Notification List:</b>			
<b>On Scene:</b>	CHP		
<b>Other on Scene:</b>			
<b>Other Notified:</b>	CHP		
<b>Header Unknown:</b>	MOJAVE DESERT AQMD		
<b>Incident Desc:</b>			
<b>Site:</b>	Road		
<b>Reported Cause:</b>	Unknown		
<b>R R Crssing &lt; 50 Ft:</b>			
<b>Description:</b>	Per NRC: "CALLER IS REPORTING THAT THE DRIVER WAS FLAGGED DOWN BY A MOTORIST DUE TO AN UNKNOWN FLUID LEAKING FROM THE TRAILER."		

**Site:** INTERSTATE 15 NORTH BOUND,NEAR EXIT: 157 VICTORVILLE CA ERNS

<b>NRC Report No:</b>	1129994	<b>Latitude Degrees:</b>	
<b>Type of Incident:</b>	MOBILE	<b>Latitude Minutes:</b>	
<b>Incident Cause:</b>	UNKNOWN	<b>Latitude Seconds:</b>	
<b>Incident Date:</b>	10/03/15 08:30:00	<b>Longitude Degrees:</b>	
<b>Incident Location:</b>		<b>Longitude Minutes:</b>	
<b>Incident Dtg:</b>	OCCURRED	<b>Longitude Seconds:</b>	
<b>Distance from City:</b>		<b>Lat Quad:</b>	
<b>Distance Units:</b>		<b>Long Quad:</b>	
<b>Direction from City:</b>		<b>Location Section:</b>	
<b>Location County:</b>	SAN BERNARDINO	<b>Location Township:</b>	
<b>Potential Flag:</b>	No	<b>Location Range:</b>	
<b>Year:</b>	Year 2015 Reports		
<b>Description of Incident:</b>	CALLER IS REPORTING THAT THE DRIVER WAS FLAGGED DOWN BY A MOTORIST DUE TO AN UNKNOWN FLUID LEAKING FROM THE TRAILER.		

**Material Spill Information**

<b>Chris Code:</b>	UNK	<b>Unit of Measure:</b>	UNKNOWN AMOUNT
<b>CAS No:</b>	000000-00-0	<b>If Reached Water:</b>	NO
<b>UN No:</b>		<b>Amount in Water:</b>	
<b>Name of Material:</b>	UNKNOWN MATERIAL	<b>Unit Reach Water:</b>	
<b>Amount of Material:</b>	0		

**Calls Information**

<b>Date Time Received:</b>	10/03/15 11:50:51	<b>Responsible City:</b>	BENTON
<b>Date Time Complete:</b>	10/03/15 11:53:48	<b>Responsible State:</b>	AR
<b>Call Type:</b>	INC	<b>Responsible Zip:</b>	72015
<b>Resp Company:</b>	FEDEX FREIGHT INC	<b>Source:</b>	TELEPHONE
<b>Resp Org Type:</b>	PRIVATE ENTERPRISE		

**Incident Information**

**Tank ID:**  
**Tank Regulated:** U  
**Tank Regulated By:**  
**Capacity of Tank:**  
**Capacity Tank Units:**  
**Description of Tank:**  
**Actual Amount:**  
**Actual Amount Units:**  
**Tank Above Ground:** ABOVE  
**NPDES:**  
**NPDES Compliance:** U  
**Init Contin Rel No:**  
**Contin Rel Permit:**  
**Contin Release Type:**  
**Aircraft ID:**  
**Aircraft Runway No:**  
**Aircraft Spot No:**  
**Aircraft Type:**  
**Aircraft Model:**  
**Aircraft Fuel Cap:**  
**Aircraft Fuel Cap U:**  
**Aircraft Fuel on Brd:**  
**Aircraft Fuel OB U:**  
**Aircraft Hanger:**  
**Road Mile Marker:** 157  
**Power Gen Facility:** U  
**Generating Capacity:**  
**Type of Fixed Obj:**  
**Type of Fuel:**  
**DOT Crossing No:**  
**DOT Regulated:** U  
**Pipeline Type:**  
**Pipeline Abv Ground:** ABOVE  
**Pipeline Covered:** U  
**Exposed Underwater:** N  
**Railroad Hotline:**  
**Railroad Milepost:**  
**Grade Crossing:** U  
**Crossing Device Ty:**  
**Ty Vehicle Involved:**  
**Device Operational:** U

**Building ID:**  
**Location Area ID:**  
**Location Block ID:**  
**OCSG No:**  
**OOSP No:**  
**State Lease No:**  
**Pier Dock No:**  
**Berth Slip No:**  
**Brake Failure:** U  
**Airbag Deployed:** U  
**Transport Contain:** U  
**Location Subdiv:**  
**Platform Rig Name:**  
**Platform Letter:**  
**Allision:** U  
**Type of Structure:**  
**Structure Name:**  
**Structure Oper:** U  
**Transit Bus Flag:**  
**Date Time Norm Serv:**  
**Serv Disrupt Time:**  
**Serv Disrupt Units:**  
**CR Begin Date:**  
**CR End Date:**  
**CR Change Date:**  
**FBI Contact:**  
**FBI Contact Dt Tm:**  
**Passenger Handling:**  
**Passenger Route:** XXX  
**Passenger Delay:** XXX  
**Sub Part C Test Req:** XXX  
**Conductor Test:**  
**Engineer Test:**  
**Trainman Test:**  
**Yard Foreman Test:**  
**RCL Operator Test:**  
**Brakeman Test:**  
**Train Dispat Test:**  
**Signalman Test:**  
**Oth Employee Test:**  
**Unknown Test:**

**Incident Details Information**

**Release Secured:** U  
**Release Rate:**  
**Release Rate Unit:**  
**Release Rate Rate:**  
**Est Duration of Rel:**  
**Desc Remedial Act:**  
**Fire Involved:** N  
**Fire Extinguished:** U  
**Any Evacuations:** N  
**No Evacuated:**  
**Who Evacuated:**  
**Radius of Evacu:**  
**Any Injuries:** N  
**No. Injured:**  
**No. Hospitalized:**  
**No. Fatalities:**  
**Any Fatalities:** N  
**Any Damages:** N  
**Damage Amount:**  
**Air Corridor Closed:** N  
**Air Corridor Desc:**  
**Air Closure Time:**  
**Waterway Closed:** N  
**Waterway Desc:**  
**Waterway Close Time:**

**State Agen Report No:**  
**State Agen on Scene:** CA HWY PATROL  
**State Agen Notified:** CA HWY PATROL  
**Fed Agency Notified:**  
**Oth Agency Notified:**  
**Body of Water:**  
**Tributary of:**  
**Near River Mile Make:**  
**Near River Mile Mark:**  
**Offshore:** N  
**Weather Conditions:** UNKNOWN  
**Air Temperature:**  
**Wind Direction:**  
**Wind Speed:**  
**Wind Speed Unit:**  
**Water Supp Contam:** U  
**Water Temperature:**  
**Wave Condition:**  
**Current Speed:**  
**Current Direction:**  
**Current Speed Unit:**  
**EMPL Fatality:**  
**Pass Fatality:**  
**Community Impact:**  
**Passengers Transfer:** NO

**Road Closed:** Y  
**Road Desc:** INTERSTATE 15  
**Road Closure Time:**  
**Road Closure Units:**  
**Closure Direction:** N  
**Major Artery:** No  
**Track Closed:** N  
**Track Desc:**  
**Track Closure Time:**  
**Track Closure Units:**  
**Track Close Dir:**  
**Media Interest:** UNKNOWN  
**Medium Desc:** LAND  
**Add Medium Info:** / SHOULDER OF ROADWAY

**Passenger Injuries:**  
**Employee Injuries:**  
**Occupant Fatality:**  
**Sheen Size:**  
**Sheen Size Units:**  
**Sheen Size Length:**  
**Sheen Size Length U:**  
**Sheen Size Width:**  
**Sheen Size Width U:**  
**Sheen Color:**  
**Dir of Sheen Travel:**  
**Sheen Odor Desc:**  
**Duration Unit:**  
**Additional Info:**

**Site:** US XPRESS  
 INTERSTATE 15 POST MI 15-263 SAN BERNARDINO CA 924080000

HAZNET

**SIC Code:**  
**NAICS Code:**  
**EPA ID:** CAC002357767  
**Create Date:** 7/6/2001  
**Fac Act Ind:** No  
**Inact Date:** 1/11/2002  
**County Code:** 36  
**County Name:** San Bernardino  
**Mail Name:**  
**Mailing Addr 1:** 4080 JENKINS RD  
**Mailing Addr 2:**  
**Owner Fax:**

**Mailing City:** CHATTANOOGA  
**Mailing State:** TN  
**Mailing Zip:** 374210000  
**Region Code:** 4  
**Owner Name:** US XPRESS  
**Owner Addr 1:** 4080 JENKINS RD  
**Owner Addr 2:**  
**Owner City:** CHATTANOOGA  
**Owner State:** TN  
**Owner Zip:** 374210000  
**Owner Phone:** 0000000000

**Contact Information**

-- --  
**Contact Name:** BILL COPPAN/ GEN MGR  
**Street Address 1:** 4080 JENKINS RD  
**Street Address 2:**  
**City:** CHATTANOOGA  
**State:** TN  
**Zip:** 374210000  
**Phone:** 4049152230  
 -- --  
 -- --

**Tanner Information**

-- --  
**Generator EPA ID:** CAC002357767  
**Generator County Code:** 36  
**Generator County:** San Bernardino  
**TSD EPA ID:** CAD028409019  
**TSD County Code:** 19  
**TSD County:** Los Angeles  
**State Waste Code:** 352  
**State Waste Code Desc.:** Other organic solids  
**Method Code:** H01  
**Method Description:** Transfer station  
**Tons:** 0.175  
**Year:** 2001  
 -- --

**Site:** MIDWESTERN TRANS.  
 STODDARD WELLS RD. & I-5 VICTORVILLE CA

HIST CHMIRS

**OES Control NO:** 8905933  
**Release Factors:** Mechanical Failure  
**Release Text:**  
**Equipm Involved:** No Equip Involved  
**Action Taken Text:**  
**Chemicals:** DIESEL FUEL  
**Case Number:**  
**HazMat Other:**

**Incident Date:** 4/28/1989  
**Date Reported:** 5/1/1989  
**Fatalities:** 0  
**Other Injury:** 0  
**Other Decon:** 0  
**Other Fatal:** 0  
**Vehicle:** TRACTOR TRAILER  
**State:** IN

<b>HM Injury:</b>	0	<b>CA DOT PUC ICC:</b>	LA9835
<b>Decon:</b>	0	<b>Company Name:</b>	MIDWESTERN TRANS.
<b>Agency Name:</b>	SAN BERNARDINO CDEHS	<b>County:</b>	SAN BERNARDINO
<b>HazMat Pers:</b>	On-site Fire Services, On-site Non-fire Serv.		
<b>Action Taken:</b>	63, No Action Taken		
<b>More than three involved?:</b>	2		

**Site:** I 15 VICTORVILLE CA HMIRS

**Incident County:** SAN BERNARDINO

**HMIR Incident Reports**

<b>Report No:</b>	I-1992110154	<b>Fed DOT Agency Nm:</b>	
<b>Report Type:</b>	A hazardous material incident	<b>Fed DOT Report No:</b>	
<b>Date of Incident:</b>	1992-10-19	<b>Report Submit Src:</b>	Paper
<b>Time of Incident:</b>	1200	<b>Inc Multiple Rows:</b>	No
<b>Haz Class Code:</b>		<b>Inc Non US State:</b>	
<b>Hazardous Class:</b>	8	<b>Mode Transport:</b>	Highway
<b>Commodity Short Nm:</b>	SODIUM CHLORITE SOLUTION	<b>Transport Phase:</b>	In Transit
<b>Commodity Long Nm:</b>	SODIUM CHLORITE SOLUTION WITH MORE THAN 5 PERCENT AVAILABLE CHLORINE	<b>Incident Occrrnce:</b>	
<b>Trade Name:</b>		<b>Mat Ship Approval?:</b>	No
<b>ID No:</b>	UN1908	<b>Mat Ship Approv No:</b>	
<b>Haz Waste Ind:</b>	No	<b>Undecl Hazmat Ship?:</b>	No
<b>Haz Waste EPA No:</b>		<b>Packaging Type:</b>	Cargo Tank Motor Vehicle (CTMV)
<b>HMIS Tox Inhalation?:</b>	No	<b>Packing Group:</b>	
<b>TIH Hazard Zone:</b>		<b>Carrier Reporter:</b>	CHEMICAL LEAMAN TANK LINES INC
<b>Qty Released:</b>	0.25	<b>CR Street Name:</b>	102 PICKERING WAY
<b>Unit of Measure:</b>	Liquid - Gallon	<b>CR City:</b>	EXTON
<b>What Failed:</b>	109; 137; 141	<b>CR State:</b>	PA
<b>What Failed Desc:</b>	Closure (e.g., Cap, Top, or Plug); Manway or Dome Cover; Piping or Fittings	<b>CR Postal Code:</b>	19341
<b>How Failed Code:</b>	::	<b>CR Non US State:</b>	
<b>How Failed Desc:</b>	::	<b>CR Fed DOT ID:</b>	85500
<b>Failure Cause Code:</b>	::	<b>CR Hazmat Reg ID:</b>	
<b>Failure Cause Desc:</b>	::	<b>CR Country:</b>	US
<b>Ident. Markings:</b>		<b>Shipper Name:</b>	VULCAN CHEMICAL DIV VULCAN MFG
<b>Cont1 Pkging Type:</b>		<b>Shipper Street Name:</b>	
<b>Cont1 Const Mat:</b>		<b>Shipper City:</b>	NIAGARA FALLS
<b>Cont1 Head Type:</b>		<b>Shipper State:</b>	NY
<b>Cont1 Pkg Capacity:</b>	6714	<b>Shipper Postal:</b>	
<b>C1 Capacity UOM:</b>	LGA	<b>Shipper Non US St:</b>	
<b>Cont1 Pkg Amt:</b>	0	<b>Shipper Country:</b>	US
<b>C1 Pkg Amt UOM:</b>		<b>Shipper Waybill:</b>	1234059-CARRIER
<b>Cont1 Pkg No:</b>	1	<b>Ship Hazmat Reg ID:</b>	
<b>C1 Pkg NO Failed:</b>	1	<b>Origin City:</b>	
<b>Cont1 Pkg Mnfrct:</b>	HEIL COMPANY	<b>Origin State:</b>	
<b>Cont1 Pkg Mnfrct Dt:</b>	0-00-00 00:00:00	<b>Origin Postal:</b>	
<b>Cont1 Pkg Serial NO:</b>	2H9E39722	<b>Origin Non US St:</b>	
<b>C1 Pkg Last Test Dt:</b>	1992-05-01 00:00:00	<b>Origin Country:</b>	US
<b>C1 Test Const Mat:</b>		<b>Destination City:</b>	LONG BEACH
<b>C1 Pkg Dsign Pres.:</b>	0	<b>Destination State:</b>	CALIFORNIA
<b>C1 Dsign Press UOM:</b>		<b>Destination Postal:</b>	
<b>C1 Pkg Shell Thick:</b>	0	<b>Destination Non US:</b>	
<b>C1 Shell Thick UOM:</b>		<b>Destination Country:</b>	US
<b>C1 Head Thickness:</b>	0	<b>Cont2 Package Type:</b>	
<b>C1 Head Thick UOM:</b>		<b>Cont2 Const Mat:</b>	
<b>C1 Pkg Srvc Pres.:</b>	0	<b>Cont2 Pkg Capacity:</b>	0
<b>C1 Srvc Press UOM:</b>		<b>Cont2 Capacity UOM:</b>	
<b>C1 Valve/Device Fail?:</b>	No	<b>Cont2 Pkg Amount:</b>	0
<b>C1 Device Type:</b>		<b>Cont2 Pkg Amt UOM:</b>	
<b>C1 Device Mnfrct:</b>		<b>Cont2 Pkg No:</b>	0
<b>C1 Device Model:</b>		<b>Cont2 Pkg No Failed:</b>	0
<b>NRC No:</b>			
<b>RAM Pkg Category:</b>		<b>Haz NonHosp Public:</b>	0

**RAM Pkg Cert.:** FALSE  
**RAM Pkg Cert. NBR:**  
**RAM Nuclide S:**  
**RAM Transport Index:**  
**RAM UOM:**  
**RAM Activity Rpted:** 0  
**RAM UOM Rpted:**  
**RAM Activity:** 0  
**RAM Activity UOM:**  
**RAM Mat Safety:**  
**Spillage Result:** Yes  
**Fire Result:** No  
**Explosion Result:** No  
**Water Sewer Result:** No  
**Gas Dispersion:** No  
**Environment Damage:** No  
**No Release Result:** No  
**Fire EMS Report:** No  
**Fire EMS EMS Report:**  
**Police Report:** No  
**Police Report No:**  
**In House Cleanup:** No  
**Other Cleanup:** No  
**Damage > 500:** No  
**Material Loss:** 2  
**Carrier Damage:** 0  
**Property Damage:** 0  
**Response Cost:** 0  
**Remediation Cost:** 100  
**Damage Old Form:** 0  
**Total Damages Amt:** 102  
**Hazmat Fatality:** No  
**Haz Fatal Employees:** 0  
**Haz Fatal Respndrs:** 0  
**Haz Fatal Gen Public:** 0  
**Tot Hazmat Fatalities:** 0  
**Non Hazmat Fatality:** No  
**Non Hazmat Fataals:** 0  
**Hazmat Injury:** No  
**Haz Hospital Empl:** 0  
**Haz Hospital Resp:** 0  
**Haz Hosp Gen Public:** 0  
**Haz Hosp Old Form:** 0  
**Total Haz Hosp Inj:** 0  
**Haz Non Hosp Empl:** 0  
**Haz Non Hosp Resp:** 0  
**Description of Events:**

**Haz NonHosp Old:**  
**Tot Haz Non Hosp Inj:**  
**Total Hazmat Injuries:** 0  
**Evacuation Indicator:** No  
**Public Evacuated:** 0  
**Employees Evac:** 0  
**Total Evacuated:** 0  
**Total Evacuation Hrs:** 0  
**Major Artery Closed:** No  
**Mjr Artery Hrs Closed:** 0  
**Material Involved:** No  
**Estimated Speed:** 0  
**Weather Conditions:**  
**Vehicle Overturn:** No  
**Vehicle Left Roadway:** No  
**Passenger Aircraft:** No  
**Cargo Baggage:**  
**Ship Non Transport:** No  
**Ship Air First Flight:** No  
**Ship Air Subflight:** No  
**Ship Init Transport:** No  
**Ship Phase Transfer:** No  
**Contact Name:** H. S. HORN  
**Contact Title:** MANAGER, CLAIMS  
**Contact Business:**  
**Contact Street:**  
**Contact City:**  
**Contact State:**  
**Contact Postal:**  
**Contact Non US St:**  
**Contact Country:** US  
**Inc. Report Prepared:**  
**HMIS Serious Incidnt:** No  
**HMIS Serious Fatality:** No  
**HMIS Serious Injury:** No  
**HMIS Flight Plan:** No  
**HMIS Serious Evacs:** No  
**HMIS Major Artery:** No  
**HMIS Bulk Release:** No  
**HMIS Marine Pollutnt:** No  
**HMIS Radioactive:** No  
**HMIS Gen Pkg Type:** TANK  
**HMIS Container Code:** MC307  
**HMIS Container Desc:** Cargo tanks  
**HMIS Bulk Incident:** Yes  
**Undeclared Shipment:** No

OUR DRIVER HAD JUST LEFT A TRUCK STOP WHEN HE WAS HAILED BY A DEPUTY SHERIFF AND ADVISED THAT SOMETHING WAS COMING OFF THE BACK OF ONE OF THE MUDFLAPS ON THE TRAILER. OUR DRIVER PULLED OVER AT THE FIRST OPPORTUNITY. THE DEPUTY PULLED OVER ALSO AND ADVISED THAT HE HAD REPORTED THE MATTER TO THE CHP AND WOULD NOT LET OUR DRIVER ATTEMPT TO DETERMINE WHAT THE PROBLEM WAS. THE CHP NOTIFIED OUR NEAREST TERMINAL AND PERSONNEL WERE DISPATCHED TO THE SCENE. WHEN THEY ARRIVE THEY WERE ALLOWED TO INSPECT THE TANK AND FOUND THAT THE REAR MOST CLEANOUT CAP ON TOP OF THE TRAILER WAS LEAKING A LITTLE PRODUCT. THE CAP WAS REPLACED AND THE RESIDUE CLEANED FROM THE EXTERIOR OF THE TRAILER. OUR DRIVER WAS THEN ALLOWED TO PROCEED.

**Recommend Actions Taken:**

# 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, Section 8.1.8 Sources of Standard Source Information:*

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

## Standard Environmental Record Sources

### Federal

#### Formerly Utilized Sites Remedial Action Program:

[DOE FUSRAP](#)

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

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

#### National Priority List:

[NPL](#)

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

**Government Publication Date: Aug 25, 2021**

#### National Priority List - Proposed:

[PROPOSED NPL](#)

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

**Government Publication Date: Aug 25, 2021**

#### Deleted NPL:

[DELETED NPL](#)

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

**Government Publication Date: Aug 25, 2021**

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

[SEMS](#)

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

**Government Publication Date: Jul 29, 2021**

#### SEMS List 8R Archive Sites:

[SEMS ARCHIVE](#)

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

**Government Publication Date: Jul 29, 2021**

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

ODI

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

**Government Publication Date: Jun 1985**

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

CERCLIS

**CERCLIS:**

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

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

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

IODI

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

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

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

CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

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

**CERCLIS Liens:**

CERCLIS LIENS

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

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

**RCRA CORRACTS-Corrective Action:**

RCRA CORRACTS

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

**Government Publication Date: Jun 14, 2021**

**RCRA non-CORRACTS TSD Facilities:**

RCRA TSD

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

**Government Publication Date: Jun 14, 2021**

**RCRA Generator List:**

RCRA LQG

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

**Government Publication Date: Jun 14, 2021**

**RCRA Small Quantity Generators List:**

[RCRA SQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

**Government Publication Date: Jun 14, 2021**

**RCRA Very Small Quantity Generators List:**

[RCRA VSQG](#)

RCRA Info is the EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

**Government Publication Date: Jun 14, 2021**

**RCRA Non-Generators:**

[RCRA NON GEN](#)

RCRA Info is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

**Government Publication Date: Jun 14, 2021**

**Federal Engineering Controls-ECs:**

[FED ENG](#)

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

**Government Publication Date: Feb 23, 2021**

**Federal Institutional Controls- ICs:**

[FED INST](#)

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

**Government Publication Date: Feb 23, 2021**

**Land Use Control Information System:**

[LUCIS](#)

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

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

**Emergency Response Notification System:**

[ERNS 1982 TO 1986](#)

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

**Government Publication Date: 1982-1986**

**Emergency Response Notification System:**

[ERNS 1987 TO 1989](#)

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

**Government Publication Date: 1987-1989**

**Emergency Response Notification System:**

[ERNS](#)

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

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

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

[FED BROWNFIELDS](#)

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This database is made available by the United States Environmental Protection Agency (EPA).

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

**FEMA Underground Storage Tank Listing:**

[FEMA UST](#)

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

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

**Historical Gas Stations:**

[HIST GAS STATIONS](#)

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

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

**Petroleum Refineries:**

[REFN](#)

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

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

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

[BULK TERMINAL](#)

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

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

**LIEN on Property:**

[SEMS LIEN](#)

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

**Government Publication Date:** Jul 29, 2021

**Superfund Decision Documents:**

[SUPERFUND ROD](#)

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

**Government Publication Date:** Jun 28, 2021

**State**

**State Response Sites:**

[RESPONSE](#)

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

**Government Publication Date:** Jun 14, 2021

**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:** Jun 14, 2021

**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: Jun 14, 2021**

**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: Jul 20, 2021**

**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**

**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: Jun 14, 2021**

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

[SWAT](#)

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

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

**Construction and Demolition Debris Recyclers:**

[C&D DEBRIS RECY](#)

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

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

**Recycling Centers:**

[RECYCLING](#)

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

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

**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 27, 2020**

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

[CONTAINER RECY](#)

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

**Government Publication Date: Dec 16, 2020**

**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: Jun 22, 2021**

**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: Jun 22, 2021**

**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: Jun 22, 2021**

**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: Jul 25, 2021**

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

[UST CLOSURE](#)

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

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

**Historical Hazardous Substance Storage Information Database:**

[HHSS](#)

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

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

**Statewide Environmental Evaluation and Planning System:**

[UST SWEEPS](#)

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

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

**Aboveground Storage Tanks:**

[AST](#)

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

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

**SWRCB Historical Aboveground Storage Tanks:**

[AST SWRCB](#)

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

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

**Oil and Gas Facility Tanks:**

[TANK OIL GAS](#)

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

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

**Delisted Storage Tanks:**

[DELISTED TNK](#)

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

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

**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: Sep 24, 2021**

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

[DELISTED CTNK](#)

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

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

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

[HIST TANK](#)

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

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

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

[LUR](#)

The Department of Toxic Substances Control (DTSC) Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents land use restrictions that are active. Some sites have multiple land use restrictions.

**Government Publication Date: Jun 14, 2021**

**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: Jun 22, 2021**

**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: Jun 14, 2021**

**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: Jun 22, 2021**

**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.

## **Tribal**

**Leaking Underground Storage Tanks (LUSTs) on Indian Lands:**  
LUSTs on Tribal/Indian Lands in Region 9, which includes California.  
Government Publication Date: Apr 8, 2020

INDIAN LUST

**Underground Storage Tanks (USTs) on Indian Lands:**  
USTs on Tribal/Indian Lands in Region 9, which includes California.  
Government Publication Date: Apr 8, 2020

INDIAN UST

**Delisted Tribal Leaking Storage Tanks:**  
Leaking Underground Storage Tank facilities which have been removed from the Regional Tribal LUST lists made available by the EPA.  
Government Publication Date: Apr 14, 2020

DELISTED ILST

**Delisted Tribal Underground Storage Tanks:**  
Underground Storage Tank facilities which have been removed from the Regional Tribal UST lists made available by the EPA.  
Government Publication Date: Apr 14, 2020

DELISTED IUST

## **County**

**San Bernardino County - CUPA List:**  
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: May 28, 2021

SANBERN CUPA

## **Additional Environmental Record Sources**

### **Federal**

**PFOA/PFOS Contaminated Sites:**  
List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).  
Government Publication Date: Sep 17, 2021

PFAS NPL

**Toxics Release Inventory (TRI) Program:**  
The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.  
Government Publication Date: Aug 24, 2021

TRIS

**Perfluorinated Alkyl Substances (PFAS) Releases:**  
List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.  
Government Publication Date: Aug 24, 2021

PFAS TRI

**Perfluorinated Alkyl Substances (PFAS) Water Quality:**  
The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

PFAS WATER

**Hazardous Materials Information Reporting System:**

HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

**National Clandestine Drug Labs:**

NCDL

The U.S. Department of Justice ("the Department") provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Oct 5, 2020

**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

**State Coalition for Remediation of Drycleaners Listing:**

SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Government Publication Date: Nov 08, 2017

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

ICIS

The Integrated Compliance Information System (ICIS) is a system that provides information for the Federal Enforcement and Compliance (FE&C) and the National Pollutant Discharge Elimination System (NPDES) programs. The FE&C component supports the Environmental Protection Agency's (EPA) Civil Enforcement and Compliance program activities. These activities include Compliance Assistance, Compliance Monitoring and Enforcement. The NPDES program supports tracking of NPDES permits, limits, discharge monitoring data and other program reports.

Government Publication Date: Jun 14, 2021

**Drycleaner Facilities:**

[FED DRYCLEANERS](#)

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) online search. The Environmental Protection Agency (EPA) tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

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

**Delisted Drycleaner Facilities:**

[DELISTED FED DRY](#)

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

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

**Formerly Used Defense Sites:**

[FUDES](#)

Formerly Used Defense Sites (FUDES) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DoD) is responsible for an environmental restoration. This list is published by the U.S. Army Corps of Engineers.

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

**Former Military Nike Missile Sites:**

[FORMER NIKE](#)

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

**Government Publication Date: Dec 2, 1984**

**PHMSA Pipeline Safety Flagged Incidents:**

[PIPELINE INCIDENT](#)

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

**Government Publication Date: Jul 7, 2020**

**Material Licensing Tracking System (MLTS):**

[MLTS](#)

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

**Government Publication Date: May 11, 2021**

**Historic Material Licensing Tracking System (MLTS) sites:**

[HIST MLTS](#)

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

**Government Publication Date: Jan 31, 2010**

**Mines Master Index File:**

[MINES](#)

The Master Index File (MIF) contains mine identification numbers issued by the Department of Labor Mine Safety and Health Administration (MSHA) for mines active or opened since 1971. Note that addresses may or may not correspond with the physical location of the mine itself.

**Government Publication Date: Nov 3, 2020**

**Surface Mining Control and Reclamation Act Sites:**

[SMCRA](#)

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

**Government Publication Date: Dec 18, 2020**

**Mineral Resource Data System:**

[MRDS](#)

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

**Government Publication Date: Mar 15, 2006**

**Uranium Mill Tailings Radiation Control Act Sites:**

[URANIUM](#)

The Legacy Management Office of the Department of Energy (DOE) manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The L.M. Office manages this database of sites registered under the Uranium Mill Tailings Control Act (UMTRCA).

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

**Registered Pesticide Establishments:**

[SSTS](#)

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

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

**Polychlorinated Biphenyl (PCB) Notifiers:**

[PCB](#)

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

**Government Publication Date: Nov 19, 2020**

**State**

**Dry Cleaning Facilities:**

[DRYCLEANERS](#)

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial, linen supply, commercial laundry, dry cleaning and pressing machines - Coin Operated Laundry and Dry Cleaning. This is provided by the Department of Toxic Substance Control.

**Government Publication Date: Aug 27, 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: Aug 27, 2021**

**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: Feb 28, 2018**

**Per- and Polyfluoroalkyl Substances (PFAS):**

[PFAS](#)

List of sites from the State Water Resources Control Board (SWRCB)'s GeoTracker at which one or more of the potential contaminants of concern are in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

**Government Publication Date: Jun 22, 2021**

**PFOA/PFOS Groundwater:**

[PFAS GW](#)

A list of water wells from the Groundwater Ambient Monitoring and Assessment Program (GAMA) Groundwater Information System with the groundwater chemical perfluorooctanoic acid (PFOA) (NL = 0.014 UG/L) or perfluorooctanoic sulfonate (PFOS) (NL = 0.013 UG/L). The GAMA Groundwater Information System search is made available by California Water Boards.

**Government Publication Date: Oct 22, 2020**

**Hazardous Waste and Substances Site List - Site Cleanup:**

[HWSS CLEANUP](#)

The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. This list is published by California Department of Toxic Substance Control.

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

**List of Hazardous Waste Facilities Subject to Corrective Action:**

[DTSC HWF](#)

This is a list of hazardous waste facilities identified in Health and Safety Code (HSC) § 25187.5. These facilities are those where Department of Toxic Substances Control (DTSC) has taken or contracted for corrective action because a facility owner/operator has failed to comply with a date for taking corrective action in an order issued under HSC § 25187, or because DTSC determined that immediate corrective action was necessary to abate an imminent or substantial endangerment.

**Government Publication Date: Jul 18, 2016**

**EnviroStor Inspection, Compliance, and Enforcement:**

[INSP COMP ENF](#)

A list of permitted facilities with inspections and enforcements tracked in the Department of Toxic Substance Control (DTSC) EnviroStor.

**Government Publication Date: Apr 29, 2021**

**School Property Evaluation Program Sites:**

[SCH](#)

A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.

**Government Publication Date: Jun 14, 2021**

**California Hazardous Material Incident Report System (CHMIRS):**

[CHMIRS](#)

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This list has been made available by the California Office of Emergency Services (OES).

**Government Publication Date: Aug 1, 2021**

**Historical California Hazardous Material Incident Report System (CHMIRS):**

[HIST CHMIRS](#)

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS) prior to 1993. This list has been made available by the California Office of Emergency Services (OES).

**Government Publication Date: Jan 1, 1993**

**Hazardous Waste Manifest Data:**

[HAZNET](#)

A list of hazardous waste manifests received each year by Department of Toxic Substances Control (DTSC). The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

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

**Historical Hazardous Waste Manifest Data:**

[HIST MANIFEST](#)

A list of historic hazardous waste manifests received by the Department of Toxic Substances Control (DTSC) from year the 1980 to 1992. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

**Government Publication Date: Dec 31, 1992**

**DTSC Registered Hazardous Waste Transporters:**

[HW TRANSPORT](#)

The California Department of Toxic Substances Control (DTSC) maintains this list of Registered Hazardous Waste Transporters.

**Government Publication Date: Oct 19, 2020**

**Registered Waste Tire Haulers:**

[WASTE TIRE](#)

This list of registered waste tire haulers is maintained by the California Department of Resources Recycling and Recovery.

**Government Publication Date: Dec 16, 2020**

**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: Dec 31, 2020**

**Historical Cortese List:**

[HIST CORTESE](#)

List of sites which were once included on the Cortese list. The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements for providing information about the location of hazardous sites.

**Government Publication Date: Nov 13, 2008**

**Cease and Desist Orders and Cleanup and Abatement Orders:**

[CDO/CAO](#)

The California Environment Protection Agency "Cortese List" of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO). This list contains many CDOs and CAOs that do NOT concern the discharge of wastes that are hazardous materials. Many of the listed orders concern, as examples, discharges of domestic sewage, food processing wastes, or sediment that do not contain hazardous materials, but the Water Boards' database does not distinguish between these types of orders.

**Government Publication Date: Jul 19, 2020**

**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: Sep 24, 2021**

**Delisted Environmental Reporting System (CERS) Hazardous Waste Sites:**

[DELISTED HAZ](#)

This database contains a list of sites that were removed from the California Environmental Protection Agency (CalEPA) in the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator.

**Government Publication Date: Nov 29, 2018**

**Sites in GeoTracker:**

[GEOTRACKER](#)

GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. This is a list of sites in GeoTracker that aren't otherwise categorized as LUST, Land Disposal Sites (LDS), Cleanup Sites, or sites having Waste Discharge Requirements (WDR). This listing includes program types such as Underground Injection Control (UIC), Confined Animal Facilities (CAF), Irrigated Lands Regulatory Program, plans, and non-case information.

**Government Publication Date: Jun 22, 2021**

**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: Jan 12, 2021**

**Recorded Environmental Cleanup Liens:**

[LIEN](#)

The California Department of Toxic Substance Control (DTSC) maintains this list of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

**Government Publication Date: Nov 16, 2020**

**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: Jun 22, 2021**

**Toxic Pollutant Emissions Facilities:**

[EMISSIONS](#)

A list of criteria and toxic pollutant emissions data for facilities in California made available by the California Environmental Protection Agency - Air Resources Board (ARB). Risk data may be based on previous inventory submittals. The toxics data are submitted to the ARB by the local air districts as requirement of the Air Toxics "Hot Spots" Program. This program requires emission inventory updates every four years.

*Government Publication Date: Dec 31, 2019*

**Clandestine Drug Lab Sites:**

[CDL](#)

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/ clandestine drug laboratories.

*Government Publication Date: Jan 19, 2021*

**Tribal**

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

**County**

**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: Dec 22, 2020*

# 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.

### ***7.3 Interview Record Attachments – Records of Communication***

**Record of Communication**

<b>Property Name</b>	143.41 Acre Tract (Undeveloped)
<b>Street Address</b>	Stoddard Wells Road Apple Valley, San Bernadino County, California 92307

<b>Assessor's Office</b>	
Account #	
Legal Description	See attached property information
Current Owners	
Comments:	

<b>Zoning Department</b>	
Contact Method:	<input checked="" type="checkbox"/> Telephone <input checked="" type="checkbox"/> Online Open Records Request/Email <input checked="" type="checkbox"/> Online Research: <a href="https://www.applevalley.org/">https://www.applevalley.org/</a>
Contact Name/ Email Address:	ORR submitted, response pending...
Phone:	ORR submitted, response pending...
Zoning Designation	Regional Commercial (C-R)
Outstanding Zoning Violations	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Response Pending <input type="checkbox"/> Not Applicable
Acceptable Use	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Response Pending <input type="checkbox"/> Not Applicable
What is the required Parking Ratio	N/A
Comments:	ORR submitted, response pending...

<b>Building Department</b>	
Contact Method:	<input checked="" type="checkbox"/> Telephone <input checked="" type="checkbox"/> Online Open Records Request/Email <input type="checkbox"/> Online Research
Contact Name/ Email Address:	ORR submitted, response pending...
Phone:	ORR submitted, response pending...
Construction Year:	N/A
Building(s) have a valid Certificate of Occupancy?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Response Pending <input checked="" type="checkbox"/> Not Applicable
Open Permits or Outstanding Violations	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Response Pending <input type="checkbox"/> Not Applicable
Demolition Permits:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Response Pending <input type="checkbox"/> Not Applicable
Permits for AST/UST:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Response Pending <input type="checkbox"/> Not Applicable
Permits for Septic Systems:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Response Pending <input type="checkbox"/> Not Applicable
Comments:	ORR submitted, response pending...

<b>Fire Dept.</b>	
Contact Method:	<input checked="" type="checkbox"/> Telephone <input checked="" type="checkbox"/> Online Open Records Request/Email <input type="checkbox"/> Online Research
Contact Name/ Email Address:	ORR submitted, response pending...
Phone:	ORR submitted, response pending...
Records of ASTs/USTs	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Response Pending <input type="checkbox"/> Not Applicable
Records of Hazardous Materials	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Response Pending <input type="checkbox"/> Not Applicable
Records of Spills	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Response Pending <input type="checkbox"/> Not Applicable
Department Inspector Name:	N/A
Date of Last Inspection	N/A
Outstanding Code Violations	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Response Pending <input checked="" type="checkbox"/> Not Applicable
Comments:	ORR submitted, response pending...

<b>Env'tl Services Dept.</b>	
Contact Method:	<input checked="" type="checkbox"/> Telephone <input checked="" type="checkbox"/> Online Open Records Request/Email <input type="checkbox"/> Online Research
Contact Name/ Email Address:	ORR submitted, response pending...
Phone:	ORR submitted, response pending...
Records of Water Wells	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Response Pending <input type="checkbox"/> Not Applicable
Records of AST/UST	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Response Pending <input type="checkbox"/> Not Applicable
Record of Septic Systems	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Response Pending <input type="checkbox"/> Not Applicable
Records of Spills	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Response Pending <input type="checkbox"/> Not Applicable
Comments:	ORR submitted, response pending...

<b>Water Dept.</b>	
Contact Method:	<input type="checkbox"/> Telephone <input type="checkbox"/> Online Open Records Request/Email <input type="checkbox"/> Online Research Website: <input checked="" type="checkbox"/> Not applicable, agency not contacted
Contact Name/ Email Address:	N/A
Phone:	N/A
Water Supply Source	<input type="checkbox"/> Surface <input type="checkbox"/> Groundwater
Within EPA guidelines?	<input type="checkbox"/> Yes <input type="checkbox"/> No
Comments:	N/A

<b>Electric Utility</b>	
Contact Method:	<input type="checkbox"/> Telephone <input type="checkbox"/> Online Open Records Request/Email <input type="checkbox"/> Online Research Website: <input checked="" type="checkbox"/> Not applicable, agency not contacted
Contact Name/ Email Address:	N/A
Phone:	N/A
PCB Content of On-site Transformers:	<input type="checkbox"/> PCB <input type="checkbox"/> Non-PCB <input type="checkbox"/> Unknown
Records of Spills:	<input type="checkbox"/> Yes <input type="checkbox"/> None recorded
Corp. Policy for Spills	<input type="checkbox"/> Standard EPA cleanup guidelines <input type="checkbox"/> Other:
Comments:	N/A

**7.4 Site Reconnaissance & Investigation**

<b>Category</b>	<b>Attached</b>	<b>Not Applicable</b>
<b>7.4.1 Reporting/Notification Forms</b>		<b>X</b>
<b>7.4.2 Permits</b>		<b>X</b>
<b>7.4.3 Asbestos Survey Results</b>		<b>X</b>
<b>7.4.4 Lead-Based Paint Survey Results</b>		<b>X</b>
<b>7.4.5 Radon Survey Results</b>		<b>X</b>
<b>7.4.6 Lead in Drinking Water Survey Results</b>		<b>X</b>
<b>7.4.7 UST Test</b>		<b>X</b>
<b>7.4.8 Correction Action Plans</b>		<b>X</b>
<b>7.4.9 Reference Documents</b>		<b>X</b>
<b>7.4.10 Other Information (prior ESAs)</b>		<b>X</b>

**7.5 Certifications**

<b>Category</b>	<b>Attached</b>	<b>Not Applicable</b>
<b>7.5.1 Certification/Qualifications</b>	<b>X</b>	
<b>7.5.2 Sampling/Testing Certifications</b>		<b>X</b>

# Ross P. MacNames

## Education

B.S. Bioenvironmental Sciences, Texas A&M University, 2014  
Graduate Certificate, Environmental Geology, University of Kansas, 2021

## Registrations

40-Hour Hazardous Waste Site Training (OSHA 29 CFR 1910.120), Current  
AHERA Accredited Asbestos Building Inspector, Current  
ASTM Training on Property Condition Assessments, 2019  
38-Hour USACE Wetland Delineation and Management, 2017  
EPA Method 9 Visible Emissions Observer, 2016

## Experience

7 Years

## Areas of Specialization

Environmental Site Assessments  
Property Condition Assessments  
Phase II Subsurface Investigations & Site Remediation  
Quarterly Groundwater Monitoring  
Asbestos/Radon Surveys  
Wetlands Determinations  
Regulatory Compliance Audits  
Zoning Analytical Reports  
Project Coordination  
Interface with State and Local Government

# Richard A. Mosman

## Education

B.S. Agronomy, Texas A&M University, 1978  
Post Graduate Studies – Environmental Policy, University of North Texas

## Registrations

Loss Prevention Systems (LPS), Current  
RCRA Hazardous Waste and Non-Hazardous Waste, Current  
40 hour Hazardous Waste Site Training (OSHA 29 CFR 1910.120), Current  
American Red Cross Adult CPR, AED and Basic First Aid, Current  
38-Hour USACE Wetland Delineation and Management, 2001

## Experience

22 Years

## Areas of Specialization

Phase I Environmental Site Assessments (ESAs)  
Environmental Subsurface Assessments and Remediation  
Wetlands Determinations  
Management and Peer Review of Due Diligence Projects  
Spill Prevention, Control and Countermeasures (SPCC) and Stormwater Pollution Prevention Plans (SWP3)  
Vapor Intrusion Assessments  
State Petroleum Storage Tank, Voluntary Cleanup and Innocent Owner Programs  
Management of Asbestos and Lead Paint Surveys and Abatement Projects