

**APPENDIX E**  
**Phase I ESA and Haz Mat Memo**



## MEMORANDUM

**To:** Eddie Torres

**From:** Kristen Bogue and Winnie Woo

**Date:** August 8, 2023

**Subject:** Antelope Valley Logistics Center – West (AVLC - West) Project – Hazardous Materials Conditions Memorandum

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### **PURPOSE**

The *Phase I Environmental Site Assessment, Assessor's Parcel Numbers 3118-015-001, -003, -004, and -005, Los Angeles County, California* (Phase I ESA), dated June 8, 2022, prepared by Rincon Consultants, Inc. (Rincon), was prepared for a 314-acre property that includes Assessor's Parcel Numbers (APNs) 3118-015-001, -003, -004, and -005 located near the City of Lancaster in the unincorporated area of Los Angeles County (County), California. The proposed Antelope Valley Logistics Center – West (AVLC - West) Project (project) encompasses 121 acres of the 314-acre property. As such, the purpose of this Memorandum is to characterize the existing hazardous materials conditions at the project site (APN 3118-015-001) based on the findings presented in the Phase I ESA.

### **PROJECT LOCATION AND SETTING**

The 121-acre project site is specifically located at APN 3118-015-001, unincorporated Los Angeles County, within the eastern portion of the County's *Antelope Valley Town and Country Area Plan*. The site is situated immediately east of SR-14, south of Avenue F, and adjacent to 20<sup>th</sup> Street West. Undisturbed vacant land uses bound the site to the north, east, south, and west. On a regional basis, the area is accessible via State Route 14 (SR-14), and State Route 138 (SR-138). Local access to the site is provided via Avenue F and 20<sup>th</sup> Street West.

Currently, the project site consists of vacant and undeveloped land. There has been evidence of homeless encampments, illegal dumping, and off-road vehicle activity on-site and in the general area. The site is relatively flat, with a gentle downward slope towards the north-east. Elevation in the project site ranges approximately 2,301 feet to 2,309 feet above mean sea level.

### **EXISTING HAZARDOUS MATERIALS CONDITIONS**

The Phase I ESA was performed in accordance with the scope and limitations of ASTM Practice E1527-21 for the project site. The Phase I ESA revealed no RECs in connection with the project site. However, the following findings/environmental conditions were noted.

## **Trash/Debris**

According to the Phase I ESA, areas of dumped trash and debris, including scattered hazardous material containers, were observed on the project site during the site reconnaissance conducted on May 10, 2022. Although not considered a recognized environmental condition (REC)<sup>1</sup>, this miscellaneous debris would be required to be removed prior to grading activities in accordance with all applicable laws and regulations. If hazardous materials are discovered during removal, proper handling and disposal of such materials would be required to be conducted in accordance with existing laws and regulations pertaining to hazardous waste.

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1 A recognized environmental condition (REC) is defined pursuant to ASTM E1527-21 as, “(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment”.



## Phase I Environmental Site Assessment

Assessor's Parcel Numbers 3118-015-001,  
-003, -004, and -005  
Los Angeles County, California

*prepared for*  
**NorthPoint Development**

*prepared by*  
**Rincon Consultants, Inc.**

**Report Date – June 8, 2022**  
**Date of First Research – May 6, 2022**



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June 8, 2022  
Project No.: 22-12841

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NorthPoint Development  
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Via email: [jlac@northpointkc.com](mailto:jlac@northpointkc.com)

**Subject: Phase I Environmental Site Assessment, Assessor’s Parcel Numbers 3118-015-001, -003, -004, and -005, Los Angeles County, California**

Dear Mr. Lac:

This report presents the findings of a Phase I Environmental Site Assessment (ESA) completed by Rincon Consultants, Inc. (Rincon) for the property identified as Assessor’s Parcel Numbers 3118-015-001, -003, -004, and -005 located near Lancaster in the unincorporated area of Los Angeles County, California (subject property). The Phase I ESA was performed in accordance with our contract dated April 28, 2022, proposal dated May 2, 2022, and task order dated May 5, 2022.

The accompanying report presents our findings and provides an opinion regarding the presence of recognized environmental conditions in connection with the subject property. Our work program for this project, as referenced in our contract, is intended to meet the guidelines outlined in the American Society for Testing and Materials (ASTM), Standard Practice for Environmental Site Assessments: *Phase I Environmental Site Assessment Process* (ASTM Standard E1527-13 and E1527-21). Our scope of services, pursuant to ASTM practice, did not include any inquiries with respect to asbestos-containing building materials unrelated to releases into the environment; biological agents; cultural and historic resources; ecological resources; endangered species; health and safety; indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment; industrial hygiene; lead-based paint unrelated to releases into the environment; lead in drinking water; mold or microbial growth conditions; polychlorinated biphenyl-containing building materials (e.g., interior fluorescent light ballasts, paint, and caulk); naturally-occurring radon; regulatory compliance; substances not defined as hazardous substances (including some substances sometimes generally referred to as emerging contaminants) unless or until such substances are classified as a Comprehensive Environmental Response, Compensation, and Liability Act hazardous substance; and wetlands.

Thank you for selecting Rincon for this project. If you have any questions, or if we can be of any future assistance, please contact us.

Sincerely,  
**Rincon Consultants, Inc.**

Julie Lynne Welch  
Director of Due Diligence

*This document has been digitally signed by Julie Lynne Welch on 6/8/2022.*

Ryan Thacher, PhD, PE  
Director of Site Assessment and Remediation

*This document has been digitally signed and sealed by Ryan Thacher, PhD, PE on 6/8/2022.*

Savanna Vrevich  
Environmental Scientist

*This document has been digitally signed by Savanna Vrevich on 6/8/2022.*

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# Executive Summary

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This report presents the findings of a Phase I Environmental Site Assessment (ESA) for the property identified as Assessor's Parcel Numbers 3118-015-001, -003, -004, and -005 located near Lancaster in the unincorporated area of Los Angeles County, California (subject property). The Phase I ESA was performed for NorthPoint Development by Rincon Consultants, Inc. (Rincon). NorthPoint Development has requested this assessment and will use the information for the purpose of purchasing the subject property. The subject property is currently undeveloped land. It is our understanding that the proposed future use of the property includes the development of an industrial warehouse facility.

The subject property is located in an area that is primarily composed of undeveloped land. Properties in the vicinity of the subject property include roads and vacant and undeveloped land.

During the completion of this Phase I ESA, Rincon performed a site reconnaissance and an interview with the User of the report (NorthPoint Development). In addition, Rincon reviewed potential vapor migration sources, online agency records, and historical records, including aerial photographs, topographic maps, city directories, fire insurance maps, and building permits. Also, NorthPoint Development provided one document for our review: a title report regarding the subject property. A lien search was not provided by the User (NorthPoint Development).

Deviations resulting in possible data gaps were not encountered during the preparation of this report.

Based on the findings of this Phase I ESA, it is our opinion that there are Recognized Environmental Conditions (RECs) in connection with the subject property as follows.

## Recognized Environmental Conditions

1. Stained soil observed on the subject property

## Notable Finding

1. Areas of dumped trash and debris on the subject property, including scattered hazardous material containers

To evaluate the potential subject property impact associated with the stained soil observed on the subject property, a subsurface investigation is warranted.

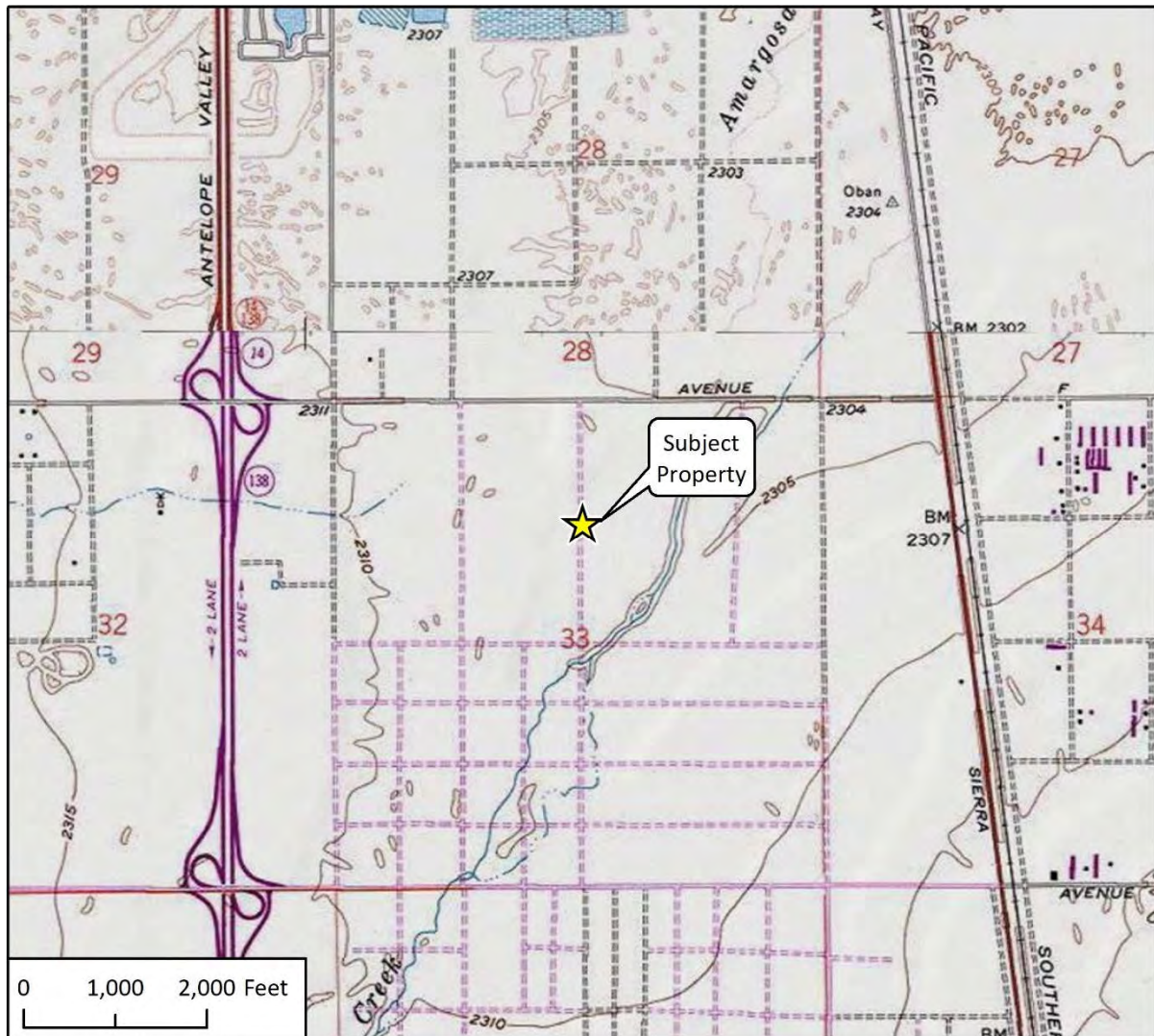
Although not considered a REC, the trash and debris should be removed from the subject property, and if hazardous materials are present, they should be handled properly. If hazardous materials (within the debris areas) have been released to the environment, proper removal and offsite disposal of the stained soil and a confirmation subsurface investigation are warranted.

# 1 Introduction

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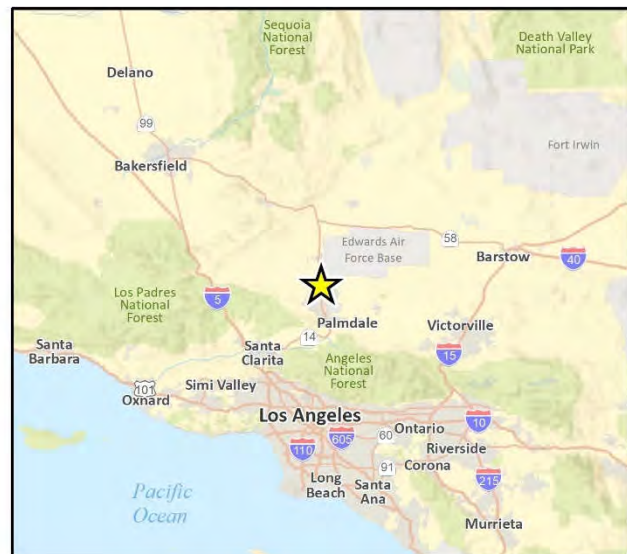
This report presents the findings of a Phase I Environmental Site Assessment (ESA) conducted for the property identified as Assessor's Parcel Numbers 3118-015-001, -003, -004, and -005 located near Lancaster in the unincorporated area of Los Angeles County, California (subject property; Figure 1). The Phase I ESA was performed by Rincon Consultants, Inc. (Rincon) for NorthPoint Development in general conformance with American Society for Testing and Materials (ASTM) E1527-13 and E1527-21, our contract dated April 28, 2022, proposal dated May 2, 2022, and task order dated May 5, 2022. The following sections present our findings and provide our opinion as to the presence of recognized environmental conditions (RECs) on the subject property.

Figure 1 Vicinity



Imagery provided by National Geographic Society, Esri and its licensors © 2022. The topographic representation depicted in this map may not portray all of the features currently found in the vicinity today and/or features depicted in this map may have changed since the original topographic map was assembled.

★ Project Location



## 1.1 Purpose and Definitions

NorthPoint Development has requested this assessment and will use the information for the purpose of purchasing the subject property. The purpose of this Phase I ESA was to determine if there are RECs on the subject property, taking into account commonly and reasonably ascertainable information and to qualify for Landowner Liability Protections under the Brownfields Amendments to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

### **Recognized Environmental Condition (REC)**

A REC is defined pursuant to ASTM E1527-21 as,

- “(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment;
- (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or
- (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment”.

As stated in ASTM E1527-21,

“likely is that which is neither certain nor proved, but can be expected or believed by a reasonable observer based on the logic and/or experience of the environmental professional, and/or available evidence, as stated in the report to support the opinions given therein”.

### **Controlled REC**

A Controlled REC is defined pursuant to ASTM E1527-21 as,

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

### **Historical REC**

A Historical REC is defined pursuant to ASTM E1527-21 as,

“a previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations). A historical recognized environmental condition is not a recognized environmental condition”.

### **De minimis**

A *de minimis* condition is defined pursuant to ASTM E1527-21 as,

“a condition related to a release 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. A condition determined to be a *de minimis*

condition is not a recognized environmental condition nor a controlled recognized environmental condition”.

### **Property Use Limitation**

A Property Use Limitation (PUL) is defined pursuant to ASTM E1527-21 as,

“a limitation or restriction on current or future use of a property in connection with a response to a release, in accordance with the applicable regulatory authority or authorities that allows hazardous substances or petroleum products to remain in place at concentrations exceeding unrestricted use criteria”.

### **Significant Data Gap**

A Significant Data Gap is defined pursuant to ASTM E1527-21 as,

“a data gap that affects the ability of the environmental professional to identify a recognized environmental condition”.

### **Notable Finding**

Although not defined by ASTM E1527-13 or E1527-21, Rincon utilizes the term *Notable Finding* for potential environmental concerns present at or possibly present at a property that do not specifically fit one of the above ASTM-defined situations, yet may impact current or future use of the subject property.

## **1.2 Scope of Services**

The scope of services conducted during this study is outlined below:

- Performed a reconnaissance of the subject property to identify obvious indicators of the existence of hazardous materials.
- Observed adjacent or nearby properties from public thoroughfares in an attempt to see if such properties are likely to use, store, generate, or dispose of hazardous materials.
- Obtained and reviewed an environmental records database search to obtain information about the potential for hazardous materials to exist at the subject property or at properties located in the vicinity of the subject property.
- Reviewed files for the subject property and immediately adjacent properties as identified in the database report, as applicable.
- Reviewed the current United States Geological Survey (USGS) topographic map to obtain information about the subject property and regional topography and uses of the subject property and surrounding sites.
- Reviewed additional pertinent record sources (e.g., California Geologic Energy Management Division [CalGEM] records, online databases of hazardous substance release sites), as necessary, to identify the presence of RECs at the subject property.
- Reviewed the California State Water Resources Control Board (SWRCB) Statewide Per- and Polyfluoroalkyl Substances (PFAS) Investigation online Public Map Viewer regarding current PFAS orders issued to facilities located in the vicinity of the subject property.

- Reviewed reasonably ascertainable historical resources (e.g., aerial photographs, topographic maps, fire insurance maps, city directories) to assess the historical land use of the subject property and adjacent properties.
- Provided a user interview questionnaire to a representative of NorthPoint Development, the user of the Phase I ESA.
- Provided a property owner interview questionnaire to the property owner or a designated subject property representative identified to Rincon by NorthPoint Development.
- Conducted interviews with other property representatives (e.g., key site manager, occupants), as applicable.
- Reviewed available NorthPoint Development-provided information (e.g., previous environmental reports, title documentation).
- Requested Title Search Information Reports from the User of the report.

### 1.3 Significant Assumptions, Limitations, Deviations, Exceptions, Special Terms, and Conditions

This work is intended to adhere to good commercial, customary, and generally accepted environmental investigation practices for similar investigations conducted at this time and in this geographic area. No guarantee or warranties, expressed or implied, are provided. The findings and opinions conveyed in this report are based on findings derived from a site reconnaissance, review of an environmental database report, specified regulatory records and historical sources, and comments made by interviewees. This report is not intended as a comprehensive site characterization and should not be construed as such. Standard data sources relied upon during the completion of Phase I ESAs may vary with regard to accuracy and completeness. Although Rincon believes the data sources are reasonably reliable, Rincon cannot and does not guarantee the authenticity or reliability of the data sources it has used. Additionally, pursuant to our contract, the data sources reviewed included only those that are practically reviewable without the need for extraordinary research.

Rincon has not found evidence that hazardous materials or petroleum products exist at the subject property at levels likely to warrant mitigation; however, stained soil indicative of a potential chemical release was identified. Additional research, including surface or subsurface sampling and analysis, can reduce NorthPoint Development's risks, but no techniques commonly employed can eliminate these risks altogether.

In addition, pursuant to ASTM E1527-13 and E1527-21 practice, our scope of services did not include any inquiries with respect to asbestos-containing building materials unrelated to releases into the environment; biological agents; cultural and historic resources; ecological resources; endangered species; health and safety; indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment; industrial hygiene; lead-based paint unrelated to releases into the environment; lead in drinking water; mold or microbial growth conditions; polychlorinated biphenyl (PCB)-containing building materials (e.g., interior fluorescent light ballasts, paint, and caulk); naturally-occurring radon; regulatory compliance; substances not defined as hazardous substances (including some substances sometimes generally referred to as emerging contaminants) unless or until such substances are classified as a CERCLA hazardous substance; and wetlands.

## 1.4 ASTM Deviations

Deviations from ASTM E1527-13 and E1527-21 practice were not encountered during the completion of this Phase I ESA. In addition, a lien search was not completed as part of this assessment; however, one was requested from the user.

## 1.5 User Reliance

NorthPoint Development has requested this assessment and will use the information for the purpose of purchasing or acquiring the subject property. This Phase I ESA was prepared for use solely and exclusively by NorthPoint Development, Los Angeles County, Federal Emergency Management Agency, California Department of Fish and Wildlife, and the United States Army Corp of Engineers, and no other person or entity may rely upon the report without the express written consent of Rincon. No other use or disclosure is intended or authorized by Rincon. Also, this report is issued with the understanding that it is to be used only in its entirety.

## 1.6 Site Description

### Location

The subject property is an approximately 314-acre property located east of State Route (SR) 14 and south of West Avenue F near Lancaster in the unincorporated area of Los Angeles County, California (Figure 2). The property is identified as Assessor's Parcel Numbers (APNs) 118-015-001, -003, -004, and -005.

### Subject Property and Vicinity General Characteristics

The subject property is currently undeveloped land with a northeast-southwest oriented stream traversing the eastern portion of the subject property.

The subject property is located in an area that is primarily composed of undeveloped land. Properties in the vicinity of the subject property include roads and vacant and undeveloped land. The current adjacent land uses are described in Table 1 and depicted on Figure 3.

**Table 1 Current Uses of Adjacent Properties**

Area	Use
Northern Properties	West Avenue F followed by vacant and undeveloped land
Eastern Properties	10 <sup>th</sup> Street West followed by undeveloped land
Southern Properties	West Avenue F8 followed by undeveloped land and unpaved roads
Western Properties	20 <sup>th</sup> Street West followed by vacant and undeveloped land and SR 14

Figure 2 Subject Property

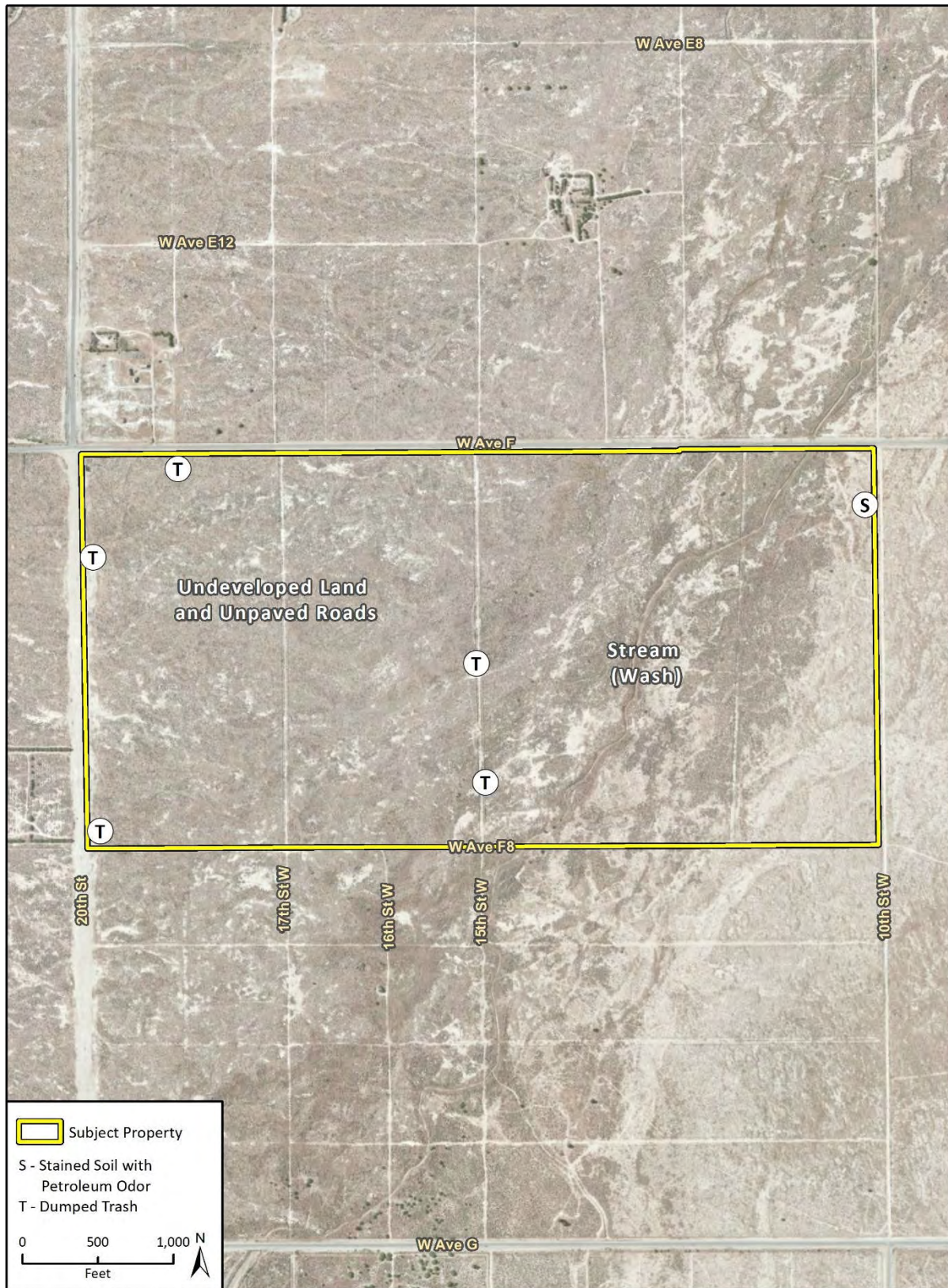




Figure 3 Adjacent Land Use



## **Descriptions of Structures, Roads, and Other Improvements on the Subject Property**

During the site reconnaissance, no structures, roads, or other improvements were observed on the subject property. The subject property was observed to be unfenced. Access to the subject property is available from West Avenue F, 20<sup>th</sup> Street West, 10<sup>th</sup> Street West, and West Avenue F8.

The following utility providers service the area:

- Electrical Service – Lancaster Choice Energy and Southern California Edison
- Natural Gas Service – Southern California Gas Company
- Water Service – Los Angeles County Water Works District
- Sewer Service – Los Angeles County Sanitation District (District 14)
- Solid Waste Service – Waste Management
- Telecommunications – Frontier Communications

## 2 User-Provided Information and Responsibilities

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### 2.1 Review Land Title Records and Judicial Records for Environmental Liens and Activity and Use Limitations

Rincon requested title search information reports from the User of the report. Pursuant to ASTM E1527-21,

“the title search information reports shall identify environmental covenants, environmental easements, land use covenant and agreements, declaration of environmental land use restrictions, environmental land use controls, environmental use controls, environmental liens, or any other recorded instrument that restricts, affects, or encumbers the title to the subject property due to restrictions or encumbrances associated with the presence of hazardous substances or petroleum products. Title search information reports shall review land title records for documents recorded between 1980 and the present. If judicial records are not reviewed, the title search information report shall include a statement providing that the law or custom in the jurisdiction at issue does not require a search for judicial records in order to identify environmental liens”.

As stated in ASTM E1527-21 it is the “user’s responsibility to search for environmental liens and activity and land use limitations (AULs)”. This is in “addition to the environmental professional’s search of institutional control and engineering control registries described in” ASTM E1527-21 Section 8.2.

A copy of the title search information records provided by the User is included in Appendix A. Based on our review of the title search information records, the interest in the land is vested in San Yu Enterprises, Inc. and easements for public road and highway and sanitary sewers exist on the subject property.

### 2.2 User Questionnaire

As described in ASTM E1527-13 Section 6 and E1527-21 Section 6, a User Questionnaire as provided by ASTM E1527-13 Appendix X3 and E1527-21 Appendix X3 was provided to NorthPoint Development. The purpose of the User Questionnaire is for the User of the Phase I ESA to provide actual knowledge pertaining to the subject property to help identify RECs. Jack Lac, Western Region Development Manager with NorthPoint Development, completed the User Questionnaire on May 9, 2022. A copy of the completed questionnaire is included as Appendix A.

Based on our review of the completed questionnaire, the user indicated the following:

- The Phase I ESA is required for due diligence on the subject property prior to proceeding on an industrial warehouse project NorthPoint Development is planning.
- A purchase transaction is planned for the subject property.

- The purchase price being paid for the subject property reasonably reflects the fair market value of the property.

Based on our review of the completed questionnaire, the user reviewed the following sources of information and is unaware of information regarding the following:

- Recorded land title records (or judicial records, where appropriate) that identify any environmental liens filed or recorded against the subject property
- Recorded land title records (or judicial records, where appropriate) that identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the subject property under federal, tribal, state, or local law
- Title Report that identifies information pertaining to environmental cleanup liens or AULs for the subject property

Based on our review of the completed questionnaire, the user is unaware of information regarding the following:

- Specialized knowledge or experience related to the subject property or nearby properties
- Reduction in value for the subject property relative to any known environmental issues
- Commonly known or reasonably ascertainable information about the subject property that would help the environmental professional to identify conditions indicative of releases or threatened releases
- Obvious indicators that point to the presence or likely presence of releases at the subject property
- Pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the subject property
- Pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property
- Notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products

## 2.3 User-Provided Information of Concern

Based on the information obtained during our review of user-provided documents, no hazardous material conditions with the potential to impact the subject property were identified.

## 3 Records Review

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### 3.1 Physical Setting Sources

#### Topography

The current USGS topographic map (Lancaster West Quadrangle 2018) indicates that the subject property is situated at elevations ranging from approximately 2,300 to 2,310 feet above mean sea level with topography sloping down to the northeast. The adjacent topography consists of relatively flat land. A copy of the current USGS topographic map is included in Appendix B (ERIS 2022).

#### Geology and Hydrogeology

Based on information provided by NorthPoint Development, there are no site-specific geotechnical or geologic reports available for the subject property.

However, according to the California Geological Survey (CGS 2010), the subject property is underlain by modern alluvium, which is described as unconsolidated to weakly consolidated, fluvial gravel, sand, and silt, which is loose, yellowish-grey to brown sand, silt, and pebble-cobble gravel consisting predominantly of moderately sorted medium- to very coarse-grained arkosic sand.

During the preparation of this Phase I ESA, we reviewed the California SWRCB's online GeoTracker database to determine groundwater flow direction in the vicinity of the subject property. Groundwater is reported to be between 60 and 80 feet below ground surface (bgs) at a site located approximately 1.5 miles to the east of the subject property (Lahontan RWQCB 2014).

Additionally, groundwater is reported to be between 58 and 71 feet bgs and generally flows toward the northwest at a site located approximately 2 miles to the north of the subject property (Los Angeles County Sanitation Districts 2022).

### 3.2 Government Record Sources

Rincon outsourced with a regulatory database search contractor to obtain records of sites that generate, store, treat, or dispose of hazardous materials and sites for which a hazardous material release incident has occurred. The regulatory database search was conducted for the subject property and included data from surrounding sites within specified radii of the property. A copy of the database report, which specifies the ASTM E1527-13 and ASTM E1527-21 search distance for each public list, is included as Appendix B. As shown on the database report, federal, state, and county lists were reviewed as part of the research effort. Please refer to Appendix B for a complete listing of sites reported by Environmental Risk Information Services (ERIS) and a description of the databases reviewed.

The Map Findings Summary, included in the database report, provides a summary of the databases searched, the number of reported facilities within the search radii, and whether the facility is located onsite or adjacent to the subject property. The following information is based on our review of the Map Findings Summary and the information contained in the database report.

## **Subject Property**

The subject property was not listed on any of the regulatory databases reviewed.

## **Offsite Properties**

Offsite properties listed in the database report fall under two general categories of databases: those reporting unauthorized releases of hazardous substances (e.g., Leaking Underground Storage Tank [LUST], National Priority List [a.k.a. Superfund sites], and corrective action facilities), and those reported as businesses permitted to use hazardous materials or generate hazardous wastes, for which an unauthorized release has not been reported to a regulatory agency.

Rincon reviewed the database maps and select detailed listings to evaluate their potential to impact the subject property, based on the following factors:

- Reported distance of the facility from the subject property;
- The nature of the database on which the facility is listed, and/or whether the facility was listed on a database reporting unauthorized releases of hazardous materials, petroleum products, or hazardous wastes;
- Reported case type (e.g., soil only, failed underground storage tank [UST] test only);
- Reported substance released (e.g., chlorinated solvents, gasoline, metals);
- Reported regulatory agency status (e.g., case closed, “no further action”); and,
- Location of the facility with respect to the reported groundwater flow direction (discussed in the Geology and Hydrogeology section of this report)

Facilities/properties that were interpreted by Rincon to be of potential environmental concern to the subject property, based on one or more of the factors listed above, are summarized in Table 2. In accordance with ASTM E1527-13 and E1527-21, contamination migration pathways in soil, groundwater, and soil vapor were considered in our analysis of offsite properties of potential environmental concern.

## **Orphan Listings**

No orphan or unmapped site listings were reported in the database report.

**Table 2 Database Listing Summary of the Subject Property and Select Sites Within One Mile of the Subject Property**

Site Name	Database Site ID	Site Address	Distance from Subject Property	Database Reference	Comments
<b>Nearby Sites</b>					
Avenue N School	1	Avenue N/35 <sup>th</sup> Street West	0.4 Mile Southeast* (mis-mapped, actually 7 miles SW of the subject property)	SCH, ENVIROSTOR	This School Investigation site was evaluated by the California Department of Toxic Substances Control (DTSC) for a potential school. A Phase I ESA conducted for the site indicated that the approximately 35-acre site was historically undeveloped land, and the DTSC approved the Phase I ESA and issued a No Further Action determination for the case.

\*Mis-mapped by ERIS and EnviroStor. Based on street information, this site is actually located approximately 7 miles southwest of the subject property. Regulatory agency information reviewed for the listings in the table above are summarized in the Review of Agency Files section of this report.

### 3.3 Review of Agency Files

As a follow-up to the database search, Rincon reviewed regulatory information for the subject property and facilities within the specified search radii that were interpreted to have the potential to impact the subject property, based on one or more factors previously discussed (e.g., distance, open case status, upgradient location, soil vapor migration).

Because no database-listed sites were interpreted to be of potential environmental concern to the subject property, no agency files were reviewed as part of this research effort.

#### **Subject Property**

The subject property was not listed in any of the databases searched or the online databases reviewed; therefore, records regarding the subject property were not requested from regulatory agencies.

#### **Adjacent Properties**

Adjacent properties were not listed in any of the databases searched or the online databases reviewed; therefore, records regarding adjacent properties were not requested from regulatory agencies.

#### **Nearby Release Sites**

One nearby site, Avenue N School (Avenue N/35<sup>th</sup> Street West) was identified by ERIS to be within 0.5 mile of the subject property. However, based on street information, Rincon determined that this site was mismapped by ERIS and EnviroStor and is actually located approximately 7 miles southwest of the subject property. Based on distance from the subject property, this site is not expected to impact the subject property.

### 3.4 Review of State of California Geologic Energy Management Division (CalGEM) Records

A review of the CalGEM Online Mapping System indicates that no oil wells are located on the subject property or adjacent properties, or within 0.25 mile of the subject property (CalGEM 2022).

### 3.5 Review of City of Los Angeles Information Regarding Methane Zones

According to the Los Angeles County Department of Public Works Solid Waste Information Management System, the subject property is not located within 300 feet of an oil or gas well, or within 1,000 feet of a methane-producing site (Los Angeles County Department of Public Works 2022).



### 3.6 Review of National Pipeline Mapping System Records

A review of the National Pipeline Mapping System (NPMS) online Public Map Viewer indicates that no natural gas transmission pipelines or hazardous liquid pipelines are located on the subject property or adjacent properties. Additionally, no pipeline-related accidents or incidents are mapped within 0.25 mile of the subject property (United States Department of Transportation 2022).

### 3.7 Review of California Statewide PFAS Investigation

Beginning in 2019, the SWRCB sent assessment requirements to property owners of sites that may be potential sources of PFAS. These sites currently include select airports, chrome plating facilities, Department of Defense (DoD) sites, landfills, publicly owned treatment works facilities, and bulk fuel storage terminals and refineries. According to the SWRCB, “PFAS are a large group of human-made substances that do not occur naturally in the environment and are resistant to heat, water, and oil” (SWRCB 2022).

Our May 10, 2022 review of the California Statewide PFAS Investigation online Public Map Viewer indicates that there are no current airport, chrome plating, DoD, landfill, or publicly owned treatment works facilities with PFAS orders listed as located within 0.5 mile of the subject property (SWRCB 2022). Based on our review of the SWRCB’s March 12, 2021 Bulk Fuel Terminal/Refinery Investigative Order, the subject property is not listed on the Bulk Fuel Storage Terminals and Refineries List (Attachment 1 of the Order). In addition, none of the Bulk Fuel Storage Terminals or Refineries on the list are located within 0.5 mile of the subject property (SWRCB 2021).

However, there is one publicly owned treatment works facility listed as located two miles north of the subject property: the Lancaster Water Reclamation Plant (1865 West Avenue D), which has waste discharge requirements with the oversight of the Lahontan RWQCB and was issued a PFAS investigation order in 2020. A January 2022 PFAS report available on GeoTracker for the facility indicates that PFAS was detected in influent, effluent, biosolids, and groundwater samples collected in 2020 and 2021. Groundwater at this facility is reported to be between 45 and 97 feet bgs and generally flows toward the north (i.e., away from the subject property).

Additionally, there is one current landfill listed as located approximately 1.5 miles east of the subject property: the Lancaster Landfill and Recycling Center (600 East Avenue F), which is a Title 27 municipal solid waste landfill, open (accepting waste) as of 2022, and is undergoing monitoring with the oversight of the Lahontan RWQCB. A PFAS work plan was submitted to the SWRCB in May 2019 and the SWRCB accepted the work plan in November 2019. A February 2020 data submittal to comply with the SWRCB PFAS order indicates that PFAS were detected in the leachate and groundwater monitoring well samples collected at the landfill site. Groundwater at the landfill site is reported to be generally between 55 and 80 feet bgs and flows generally to the southeast (i.e., away from the subject property).

Our May 10, 2022 review of the California Statewide Drinking Water System Quarterly Testing Results online Public Map Viewer indicates that perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) were not detected in two drinking water wells (in the Mitchell’s Avenue Mobile Home Park and Lancaster Park Mobile Home Park public water systems) located approximately one mile north and one mile east of the subject property, respectively, and tested quarterly as part of a PFAS investigative order (SWRCB 2022). PFOA and PFOS were also not

detected in one drinking water well at the Lancaster Landfill (in the Waste Management of Lancaster public water system), located approximately 1.7 miles east of the subject property (SWRCB 2022).

### 3.8 Records Review Information of Concern

Based on the information obtained during our records review documented above, properties in the vicinity are not expected to impact the subject property. Although PFAS was detected in groundwater at two nearby sites, these sites are downgradient of the subject property, and therefore groundwater impacts at the subject property resulting from plume migration are not anticipated.

## 4 Historical Records

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The historical records review completed for this Phase I ESA includes aerial photographs, topographic maps, fire insurance maps, city directories, and building permits as detailed in the following sections. Copies of the historical resources reviewed are included in Appendix C.

### 4.1 Methodology

#### **Review of Aerial Photographs**

Aerial photographs from ERIS's aerial photograph collection were obtained. In addition, a current aerial photograph from Google Earth was reviewed. The aerial photographs were reviewed on May 11, 2022. Note that the eastern and western adjacent properties are only partially depicted in the aerial photographs.

#### **Review of Historical Topographic Maps**

Historical topographic maps from ERIS's map collection were obtained. The historical topographic maps were reviewed on May 10, 2022.

#### **Review of City Directory Listings**

ERIS was contracted to provide copies of city directory listings for the subject property. The city directory listings were reviewed on May 11, 2022. As indicated in the attached report, no records were provided for the subject property or eastern, southern, or western adjacent properties.

#### **Review of Fire Insurance Maps**

ERIS was contracted to provide copies of fire insurance maps (i.e., Sanborns) for the subject property. As indicated in the attached report, fire insurance maps were not available for the subject property or adjacent properties.

#### **Review of City of Lancaster Building Permit Records**

Because the subject property has never been developed, building permit records were not reviewed.

#### **Other Historical Sources**

Based on the sufficiency of historical information obtained for the purposes of this report, no additional historical sources were reviewed.

### 4.2 Summary of Subject Property and Adjacent Historical Uses

#### **Subject Property**

The topographic maps reviewed depict the subject property as undeveloped land with a northeast-southwest oriented stream (Amargosa Creek) traversing the eastern portion of the subject property

in 1930, 1933, 1948, and 1958, and with the addition of three north-south oriented unpaved roads in 1974.

The aerial photographs reviewed depict the subject property as undeveloped land with a northeast-southwest oriented stream traversing the eastern portion of the subject property from 1928 to present day, with the addition of three north-south oriented unpaved roads beginning in 1968.

### **Northern Adjacent Property**

The topographic maps reviewed depict the northern adjacent property as undeveloped land with a stream and water well in 1930 and 1933, and four buildings, an unpaved road, and a stream in 1947 and 1948.

The aerial photographs reviewed depict the northern adjacent property as undeveloped land with two areas of vegetation/trees and residential structures from 1928 to 1968. The southwestern area of vegetation/trees and residential structures also includes three aboveground storage tanks (located near the water well depicted in the topographic maps) in 1948 and 1953; the tanks appear to have been removed by 1959. The residential structures in the northeastern area of vegetation/trees have been demolished by 1974, and the area remains vacant through present day. The residential structures in the southwestern area of vegetation/trees have been demolished by 2003, when the area appears to be used for the storage of trailers/shipping containers. The trailers/shipping containers have been removed by 2009 and the area remains vacant to present day.

City directories provided indicate that the northern adjacent property was occupied by the following:

- 1815 West Avenue F: Residential in 1995, 2000, 2003, and 2006

### **Eastern Adjacent Property**

The topographic maps reviewed depict the eastern adjacent property as undeveloped land in 1930, 1933, 1948, 1958, and 1974.

The aerial photographs reviewed depict the eastern adjacent property as undeveloped land from 1928 to present day, with the addition of an unpaved road beginning in 1948.

### **Southern Adjacent Property**

The topographic maps reviewed depict the southern adjacent property as undeveloped land with a stream in 1930, undeveloped land with a stream and an unpaved road in 1933, 1948, and 1958, and undeveloped land with a stream and several unpaved roads in 1974.

The aerial photographs reviewed depict the southern adjacent property as undeveloped land with a stream from 1928 to present day, with the addition of several unpaved roads beginning in 1968.

### **Western Adjacent Property**

The topographic maps reviewed depict the western adjacent property as undeveloped land with a pond in 1930, 1933, and 1948, with the addition of two unpaved roads, a building, and a stream in 1958; and undeveloped land with a stream and one unpaved road in 1974.

The aerial photographs reviewed depict the western adjacent property as undeveloped land with two rows of trees from 1928 to present day.

### 4.3 Gaps in Historical Sources

Several gaps of greater than five years were identified in the historical records reviewed, from 1933 to 1943, 1959 to 1968, 1974 to 1980, 1980 to 1987, 1987 to 1994, and 1994 to 2003. These gaps are considered insignificant because the subject property use appears to be similar prior to and following the gaps.

### 4.4 Historical Use Information of Concern

Based on the information obtained from the historical records review, no environmental concerns from historical uses of the subject property or adjacent properties have been identified.

## **5 Interviews**

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Rincon attempted to perform interviews, as described below, regarding the subject property and surrounding areas. The purpose of the interviews was to discuss current and historical conditions and to obtain information indicating the presence of RECs in connection with the subject property.

### **5.1 Interview Summary**

#### **Interview with Owner**

An interview questionnaire was provided to the property owner, San Yu Enterprises, prior to the site reconnaissance. According to NorthPoint Development via telephone correspondence on June 8, 2022, Jack Lac, Western Region Development Manager with NorthPoint Development, completed the Owner Questionnaire with Ben Chen of San Yu Enterprises via telephone on May 19, 2022. A copy of the completed questionnaire is included in Appendix A. The following information is based on our review of the completed questionnaire.

The property owner indicated the following:

- The subject property is currently and was previously vacant land.
- There are no hazardous materials or petroleum products stored or used on the subject property.
- No hazardous wastes are generated at the subject property.
- A geotechnical investigation is underway and results will be provided to Rincon.
- A title report is available for the subject property and is reviewed in Section 2 of this Phase I ESA.

The property owner indicated that he is unaware of the presence of industrial drums, storage tanks (above or below ground), fill dirt, pits, ponds, lagoons, sumps, clarifiers, solvent degreasers, stained soil, vent pipes, fill pipes, or access ways, stained surfaces, private wells, non-public water systems, transformers, capacitors, or hydraulic equipment, records indicating the presence of polychlorinated biphenyls, or records indicating the presence of pesticides or herbicides at the subject property.

The property owner indicated that he is not aware of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property. In addition, he is not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products at the subject property.

#### **Interview with Site Manager**

A site manager was not identified to Rincon.

#### **Interviews with Occupants**

Because the subject property is undeveloped land, no occupants were interviewed as part of this research effort.

### **Interviews with Local Government Officials**

Based on the sufficient information obtained from various sources, no local government officials were interviewed as part of this Phase I ESA.

### **Interviews with Others**

Rincon did not attempt to interview neighboring property owners or others as part of this Phase I ESA.

## 5.2 Interview Information of Concern

Based on the information obtained during interviews, no environmental concerns have been identified.

## **6 Site Reconnaissance**

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Rincon performed a reconnaissance of the subject property on May 10, 2022. The purpose of the reconnaissance was to observe existing subject property conditions and to obtain information indicating the presence of RECs in connection with the subject property.

### **6.1 Methodology and Limiting Conditions**

The site reconnaissance was conducted by:

1. Observing the subject property from public thoroughfares,
2. Observing the adjacent properties from public thoroughfares, and
3. Observing the subject property from driveways, roads, and walking paths.

Because of the large size of the subject property, several east-west or north-south transects were completed across the subject property.

### **6.2 General Subject Property Information**

#### **Current Use of the Property and Adjacent Properties**

The subject property is currently undeveloped land with unpaved roads and a stream. Adjacent properties include vacant and undeveloped land.

#### **Past Use of the Property and Adjacent Properties**

Based on our site reconnaissance, past uses at the subject property and adjacent properties are not readily apparent.

#### **Current or Past Uses in the Surrounding Areas**

The subject property is surrounded by vacant and undeveloped land as detailed in the Site Description section of this report. Past uses of the surrounding area are not readily apparent based on the site reconnaissance.

#### **Geologic, Hydrogeologic, Hydrologic, and Topographic Conditions**

Geologic, hydrogeologic, hydrologic, and topographic information are as previously stated in the Physical Setting Sources section of this report.

#### **General Description of Structures**

During the site reconnaissance, no structures, roads, or other improvements were observed on the subject property.



**Roads**

West Avenue F is located adjacent to the north, 10<sup>th</sup> Street West is located adjacent to the east, West Avenue F8 is located adjacent to the south, and 20<sup>th</sup> Street West is located adjacent to the west of the subject property.

**Potable Water Supply**

Los Angeles County Water Works District does not currently supply potable water to the subject property.

**Sewage Disposal System**

No sewage disposal system is located at the subject property.

**Stormwater Runoff**

Surface water runoff at the subject property appears to follow local topography, and will likely rapidly infiltrate as the subject property is undeveloped.

**6.3 Interior and/or Exterior Observations**

Table 3 provides details regarding the interior and/or exterior observations noted during the site reconnaissance. Photographs 1 through 10 are shown below.

**Table 3 Interior and/or Exterior Observations**

<b>Item</b>	<b>Observed</b>	<b>Photograph Number</b>	<b>Description</b>
Hazardous Substances and Petroleum Products in Connection with Identified Uses	No	Not Applicable (N/A)	None observed
Aboveground or Underground Storage Tanks	No	N/A	None observed
Odors	No	N/A	None observed
Pools of Liquid	No	N/A	None observed
Drums	No	N/A	None observed
Hazardous Substances and Petroleum Products Containers Not in Connection with Identified Uses	No	N/A	None observed
Unidentified Substance Containers	No	N/A	None observed
Indications of Polychlorinated Biphenyls (PCBs)	No	N/A	None observed
Heating/Cooling Systems	No	N/A	None observed
Stains or Corrosion	No	N/A	None observed
Drains, Clarifiers, and Sumps	No	N/A	None observed
Degreasers/Parts Washers	No	N/A	None observed
Pits, Ponds, and Lagoons	No	N/A	None observed

APNs 3118-015-001, -003, -004, and -005, Unincorporated Los Angeles County, California  
**Phase I Environmental Site Assessment**

<b>Item</b>	<b>Observed</b>	<b>Photograph Number</b>	<b>Description</b>
Stained Soil or Stained Pavement	Yes	7	One approximately 2-foot by 2-foot area of stained soil with a petroleum odor was observed along the eastern boundary of the subject property.
Stressed Vegetation	No	N/A	None observed
Solid Waste/Debris	Yes	4-6	Dumped trash and debris, including scattered hazardous material containers, were observed throughout the subject property.
Wastewater	No	N/A	None observed
Wells	No	N/A	None observed
Septic Systems/Effluent Disposal Systems	No	N/A	None observed
Soil Piles	No	N/A	None observed
Fill Material	No	N/A	None observed

**Photographs 1-4**



**Photograph 1.** View of the subject property, facing north.



**Photograph 2.** View of a stream/wash in the eastern portion of the subject property, facing south.



**Photograph 3.** View of a culvert along the northern boundary of the subject property, facing north.



**Photograph 4.** View of a homeless encampment on the subject property.

**Photographs 5-8**



**Photograph 5.** View of dumped trash on the subject property.



**Photograph 6.** View of dumped trash on the subject property.



**Photograph 7.** View of stained and odorous soil along the eastern boundary of the subject property.



**Photograph 8.** View of the northern adjacent property across West F Street, vacant/undeveloped land, facing north.

**Photographs 9-10**



**Photograph 9.** View of the southern adjacent property, facing south.



**Photograph 10.** View of the eastern adjacent property, undeveloped land, facing east.

## 6.4 Site Reconnaissance Information of Concern

Based on the information obtained during the site reconnaissance, the following concerns have the potential to impact the subject property:

- Stained and odorous soil along the eastern boundary of the subject property
- Areas of dumped trash and debris on the subject property, including scattered hazardous material containers

## 7 Potential Vapor Migration

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The database report and other resources were reviewed to identify nearby known or suspect contaminated sites that have the potential for contaminated vapor originating from the nearby sites to migrate beneath the subject property. Based on the ASTM E2600-15, *Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions*, the following minimum search distances were initially used to determine if contaminated soil vapors from a nearby known or suspect contaminated site have the potential to be migrating beneath the subject property:

- 1/10 mile (528 feet) for petroleum hydrocarbons
- 1/3 mile (1,760 feet) for other contaminants of concern (COCs)

Groundwater depth and flow direction is also utilized to determine risk of vapor migration. Groundwater in the vicinity of the subject property is reportedly present between 60 and 80 feet and flows to the northwest (Section 3.1).

If known or suspect contaminated sites are located:

- Onsite or adjacent to the subject property,
- Within 100 feet, or
- Within the above referenced distances from the subject property and upgradient or crossgradient to the subject property,

Then online resources are reviewed to determine the extent of the contaminated plume at those sites.

The following describes search distances for contaminated plumes of petroleum hydrocarbons (30 feet from the subject property) and other COCs (100 feet from the subject property). Per ASTM E2600-15, vapors associated with impacted soil or groundwater present within these distances have the potential to migrate beneath the subject property.

### 7.1 Petroleum Hydrocarbons

Based on our review of the database report and other information as indicated above, there are no known or suspect petroleum hydrocarbon-impacted sites within 528 feet of the subject property. Therefore, per ASTM E2600-15, as this distance exceeds the 30-foot distance considered the critical distance wherein such migration may pose a threat to the subject property, there are no potential threats to the subject property posed by the potential migration of petroleum hydrocarbon vapors from listed sites.

### 7.2 Other COCs

Based on our review of the database report, there are no known or suspect sites impacted with other COCs within 1,760 feet of the subject property. Therefore, per ASTM E2600-15, as this distance exceeds the 100-foot distance considered the critical distance wherein such migration may pose a threat to the subject property, there are no potential threats to the subject property posed by the potential migration of other COC vapors from listed sites.

## 7.3 Vapor Intrusion Information of Concern

Based on the information above, there are no vapor intrusion threats from petroleum hydrocarbons within 30 feet or other COCs within 100 feet of the subject property.



## 8 Evaluation

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Rincon has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527-13 and E1527-21 for the subject property, located near Lancaster in unincorporated Los Angeles County, California. Any exceptions to, or deletions from, this practice are described in the Deviations section of this report. This assessment has revealed RECs in connection with the subject property, as detailed below in Table 4.

### 8.1 Significant Data Gaps

Deviations that could result in data gaps were not identified during the preparation of this report.

**Table 4 Findings, Opinions, Conclusions, and Recommendations**

No.	Finding	Opinion	Conclusion	Recommendations
1	Stained and odorous soil on the subject property	During the site reconnaissance, one approximately 2-foot by 2-foot area of stained soil with a petroleum odor was observed along the eastern boundary of the subject property. The stained soil is considered a REC.	REC	Subsurface Investigation
2	Areas of dumped trash and debris on the subject property, including scattered hazardous material containers	During the site reconnaissance, areas of dumped trash and debris were observed throughout the subject property, including scattered hazardous material containers.	Notable Finding	Proper Removal and Offsite Disposal

To evaluate the potential subject property impact associated with the stained soil observed on the subject property, a subsurface investigation is warranted.

Although not considered a REC, the trash and debris should be removed from the subject property, and if hazardous materials are present, they should be handled properly. If hazardous materials (within the debris areas) have been released to the environment, proper removal and offsite disposal of the stained soil and a confirmation subsurface investigation are warranted.

## 9 References

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## 10 Signatures of Environmental Professionals

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The qualified environmental professionals that are responsible for preparing the report include Ryan Thacher, Julie Lynne Welch, and Savanna Vrevich. Their qualifications are summarized in the following section.

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


  
Signature

Ryan Thacher, PhD, PE  
Name

June 8, 2022

Date  
Director of Site Assessment and  
Remediation

Title

  
Signature

Julie Lynne Welch  
Name

June 8, 2022

Date  
Director of Due Diligence

Title

  
Signature

Savanna Vrevich  
Name

June 8, 2022

Date  
Environmental Scientist

Title

# 11 Qualifications of Environmental Consultants

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The environmental consultants responsible for conducting this Phase I ESA and preparing the report include Ryan Thacher, Julie Lynne Welch, and Savanna Vrevich. Their qualifications are summarized below.

Environmental Professional Qualifications	X2.1.1 (2) (i) - Professional Engineer or Professional Geologist License or Registration, and 3 years of full-time relevant experience	X2.1.1 (2) (ii) - Licensed or certified by the Federal Government, State, Tribe, or U.S. Territory to perform environmental inquiries	X2.1.1 (2) (iii) – Baccalaureate or Higher Degree from and accredited institution of higher education in a discipline of engineering or science and the equivalent of 5 years of full-time relevant experience	X2.1.1 (2) (iii) – Equivalent of 10 years of full-time relevant experience
Ryan Thacher	PE		PhD Environmental Engineering	12 years
Julie Lynne Welch			BS Environmental Engineering	26 years
Savanna Vrevich			BS Environmental Studies	7 years

**Dr. Ryan Thacher, PE**, is a Director of Site Assessment and Remediation with Rincon Consultants. He holds a Bachelor of Science degree in Chemical Engineering from the University of California, Santa Barbara and a Doctorate degree in Environmental Engineering from the University of Southern California. He has 12 years of experience conducting research related to chemical contaminant fate and transport in soil and groundwater and developing and implementing site assessments and remediation for contaminated sites in California, including the preparation of Phase I and Phase II Environmental Site Assessments. Dr. Thacher is a Professional Engineer (#87757) with the State of California.

**Julie Lynne Welch** serves as the Director of Rincon’s Due Diligence team, which involves the execution of hundreds of Phase I and II ESAs annually. Ms. Welch has 26 years of professional experience in the field of environmental science and assessment, during which time she has managed and contributed to a variety of successful land use, water and energy planning, and residential, commercial, industrial, and infrastructure projects.

She holds a Bachelor of Science degree in environmental engineering from Rensselaer Polytechnic Institute, Troy, New York, a Hazardous Materials Management Certificate from the University of California, Santa Barbara Extension program, and a Business Management Certificate from the University of California, San Diego Extension program.

Ms. Welch was also a member of the ASTM Committee E50 on Environmental Assessment, Risk Management and Corrective Action (2021) and routinely attends webinars and conferences regarding ASTM E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

**Savanna Vrevich** is an Environmental Scientist with Rincon Consultants. She holds a Bachelor of Science degree in Environmental Studies with an outside concentration in Ecology, Evolution, and Marine Biology from the University of California, Santa Barbara. Ms. Vrevich has experience in working on large scale, multi-site projects for developers, banks, regulatory agencies, and other

public and private clients. Ms. Vrevich's responsibilities at Rincon include implementation of Phase I ESAs and preparation of other environmental reports for a variety of commercial, rural, and industrial properties.

# Appendix A

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Interview Documentation



## User Questionnaire

Rincon Project Number: 22-12841

Site Name and Full Address: Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

To qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"), the user must provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete.

We respectfully request that you fill out this form and email it to Lauren Roenicke at [LRoenicke@Rinconconsultants.com](mailto:LRoenicke@Rinconconsultants.com) within one week from the date of this transmittal.

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### Project Description

**1. Why is the Phase I ESA required or being performed?**

This is a requirement for our due diligence on the subject property prior to proceeding forward on an industrial warehouse project we are planning.

**2. What type of property transaction is planned? (i.e. sale, purchase, exchange)**

Purchase.

**3. What is the entire site address?**

No addresses available. See APNs.

**4. What is the Assessor's Parcel Number(s)?**

3118-015-001, 003, 004, and 005

**5. Are any considerations beyond the requirements of Practice E1527 to be considered? (i.e. lien search, asbestos & lead based paint, radon)**

No.



**Rincon Project Number:** 22-12841  
**Site Name and Full Address:** Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

**6. Identify all parties who will rely on the Phase I report.**

NorthPoint Development, LA County, FEMA, CDFW, US Army Corp of Engineers

**7. Identify the Site Manager/Contact and how the contact can be reached.**

Jack Lac - see my email signature.

**8. Identify the Site Owner and how the owner can be reached.**

Ben Chen - contact through Jack Lac @ NorthPoint Development.

**9. Do you have copies of any available prior environmental site assessment reports, documents, correspondence, etc., concerning any other knowledge or experience with the property that may be pertinent to the environmental professional (i.e. lien search, title report, chain of title, previous Ph I and II ESAs, Environmental Impact Studies)?**

N/A



Rincon Project Number: 22-12841

Site Name and Full Address: Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

## Subject Property Information

1. Did a search of recorded land title records (or judicial records, where appropriate) identify any environmental liens filed or recorded against the property?

Please mark the box with the most appropriate response:

- I **have not** reviewed the records and **do not know** if there are any filed or recorded environmental liens.
- I **have** reviewed the records, and **No, there aren't any** filed or recorded environmental liens.
- I **have** reviewed the records, and **Yes, there are** environmental liens. Explain:

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

Please mark the box with the most appropriate response:

- I **have not** reviewed the records and **do not know** if there are any filed/recorded AULs or any AULs in place at the site.
- I **have** reviewed the records, and **No, there aren't any** filed/recorded AULs or any AULs in place at the site.
- I **have** reviewed the records, and **Yes, there are** AULs filed, recorded, and/or in place at the site. Explain:

3. Does the Title Report provide any information pertaining to environmental cleanup liens or activity and use limitations (AULs) for the subject property?

Please mark the box with the most appropriate response:

- I **have not** reviewed the Title Report and **do not know** if it provides environmental cleanup liens or AULs information.
- I **have** reviewed the Title Report, and **No, it does not provide** environmental cleanup liens or AULs information..
- I **have** reviewed the Title Report, and **Yes, it does provide** environmental cleanup liens or AULs information. Explain:



Rincon Project Number: 22-12841

Site Name and Full Address: Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

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

Please mark the box with the most appropriate response:

- No, I do not** have any specialized knowledge and/or experience related to the property or nearby properties.
- Yes, I **do** have specialized knowledge and/or experience related to the property or nearby properties. Explain:

5. As the user of this ESA, based on your knowledge and experience related to the property, are you aware of any information pertaining to a reduction in value for the subject property relative to any known environmental issues?

Please mark the box with the most appropriate response:

- No, I do not** have any information about a reduction in property value relative to environmental issues.
- Yes, I do** have information about a reduction in property value relative to environmental issues. Explain:

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

Please mark the box with the most appropriate response:

- Yes, I do** believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Skip to question #7.
- No, I do not** believe the purchase price being paid for this property reasonably reflects the fair market value of the property. Proceed to question #6a.

- a. If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? (40 CFR 312.29)

Please mark the box with the most appropriate response

- No, I have not** considered the idea that known or believed contamination at the site has caused the lower purchase price.
- Yes, I have** considered the idea that known or believed contamination at the site has caused the lower purchase price. Explain:



Rincon Project Number: 22-12841

Site Name and Full Address: Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

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

Please mark the box with the most appropriate response:

**a. Do you know the past uses of the property?**

- I **do not** know.  
 I **do** know. Explain:

**b. Do you know of specific chemicals are present or once were present at the property?**

- I **do not** know.  
 I **do** know. Explain:

**c. Do you know of any spills or other chemical releases that have taken place at the property?**

- I **do not** know.  
 I **do** know. Explain:

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

- I **do not** know.  
 I **do** know. Explain:

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

Please mark the box with the most appropriate response:

- No**, I do not know and/or do not have any experience with any obvious indicators that point to the presence or likely presence of contamination at the property.  
 **Yes**, I do know of and/or do have experience with obvious indicators that point to the presence or likely presence of contamination at the property. Explain:



Rincon Project Number: 22-12841

Site Name and Full Address: Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

**9. Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site?**

Please mark the box with the most appropriate response:

**No**, I am not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products, in, on, or from the site.

**Yes**, I am aware of pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site. Explain:

**10. Are you aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site?**

Please mark the box with the most appropriate response:

**No**, I am not aware of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site.

**Yes**, I am aware of pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the site. Explain:

**11. Are you aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?**

Please mark the box with the most appropriate response:

**No**, I am not aware of any notice from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products..

**Yes**, I am aware of a notice, or notices, from a government entity (or multiple government entities) regarding a possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products. Explain:



**Rincon Project Number:** 22-12841  
**Site Name and Full Address:** Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

**This questionnaire was completed by (please print)**

Name Jack Lac  
 Title Western Region Development Manager  
 Firm NorthPoint Development  
 Street Address 3315 N. Oak Trafficway  
 City, State, Zip Code Kansas City, MO 64116  
 Phone Number 626-524-5519  
 Fax Number \_\_\_\_\_

What is the Preparer’s relationship to the property (i.e., owner, occupant, property manager, employee, agent, consultant, etc.)? Buyer of property (under contract with Seller).

**Copies of the completed questionnaire should be faxed, emailed (preferably) or mailed to:**

Rincon Consultants, Inc.  
 Attention: Environmental Site Assessment Division  
 2215 Faraday Avenue, Suite A  
 Carlsbad, CA 92008  
 Fax: (760) 918-9444  
 Email: LRoenicke@rinconconsultants.com

Preparer represents that to the best of the preparer’s knowledge the above statements and facts are true and correct and to the best of the preparer’s knowledge no material facts have been suppressed or misstated.

Signature Jack Lac Digitally signed by Jack Lac  
Date: 2022.05.09 15:40:29 -07'00' Date \_\_\_\_\_

# Property Owner Interview Questionnaire

Rincon Project Number: 22-12841

Site Name and Full Address: Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

This questionnaire should be completed by the current property owner or a designated representative of the current property owner. We respectfully request that you fill out and return this form via fax at (760) 918-9444 or email to us at LRoenicke@rinconconsultants.com within one week from the date of this transmittal.

**1. Was the subject property or any adjoining property ever used as:**

- |  |   |
|--|---|
| <input type="checkbox"/> an airport                          | <input type="checkbox"/> a Department of Defense facility or training area                      |
| <input type="checkbox"/> a fire training area                | <input type="checkbox"/> a junkyard or landfill   |
| <input type="checkbox"/> a gasoline or other fueling station | <input type="checkbox"/> a waste treatment, storage, disposal, processing or recycling facility |
| <input type="checkbox"/> a motor vehicle repair facility     | <input type="checkbox"/> a machine shop   |
| <input type="checkbox"/> a commercial printing facility      | <input type="checkbox"/> a manufacturing facility   |
| <input type="checkbox"/> a dry cleaners                      | <input type="checkbox"/> an oil production facility (including oil wells)                       |
| <input type="checkbox"/> a photo developing laboratory       | <input type="checkbox"/> any other industrial use   |
| <input type="checkbox"/> a metal plating facility            |   |
| <input type="checkbox"/> a farm                              |   |

Please check all that apply above and describe:

The site is and has been vacant land to our knowledge.

**2. Please describe the current land uses of the subject property and those surrounding your property. Please indicate all businesses/companies located on property.**

**2a. Current Use of Subject Property:**

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input checked="" type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: It is zoned M-1 industrial but is vacant land.
---	--

**2b. Current Use of Northern Adjoining Properties:**

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input checked="" type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: All adjacent properties are zone M-1 but are all vacant land.
---	---





Rincon Project Number: 22-12841

Site Name and Full Address: Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

**2c. Current Use of Eastern Adjoining Properties:**

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input checked="" type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: All adjacent properties are zone M-1 but are all vacant land.
---	---

**2d. Current Use of Southern Adjoining Properties:**

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input checked="" type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: All adjacent properties are zone M-1 but are all vacant land.
---	---

**2e. Current Use of Western Adjoining Properties:**

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input checked="" type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: All adjacent properties are zone M-1 but are all vacant land.
---	---

**3. Please describe the previous land uses of your property and those surrounding your property. Include property ownership and dates of operation if known.**

**3a. Previous Use of Subject Property:**

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input checked="" type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: All adjacent properties are zone M-1 but are all vacant land.
---	---

**3b. Previous Use of Northern Adjoining Properties:**

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input checked="" type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: All adjacent properties are zone M-1 but are all vacant land.
---	---



Rincon Project Number: 22-12841

Site Name and Full Address: Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

3c. Previous Use of Eastern Adjoining Properties:

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input checked="" type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: All adjacent properties are zone M-1 but are all vacant land.
---	---

3d. Previous Use of Southern Adjoining Properties:

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input checked="" type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: All adjacent properties are zone M-1 but are all vacant land.
---	---

3e. Previous Use of Western Adjoining Properties:

Please check all that apply: <input type="checkbox"/> Commercial (retail, offices, etc.) <input type="checkbox"/> Residential (single family or apartments) <input checked="" type="checkbox"/> Industrial (manufacturing, warehousing, processing) <input type="checkbox"/> Other- Please Describe	Please include a brief description of current operation: All adjacent properties are zone M-1 but are all vacant land.
---	---

4. Who is the current owner of the property?

Ben Chen - San Yu Enterprises

5. When did current ownership begin?

6. What is the age of the on-site facility?

N/A

7. Who is the previous owner of the property?

8. Please indicate the property's current:

Electrical service provider	SCE
Natural Gas service provider	N/A
Water service provider	N/A
Sewer service provider	LA County Sanitation District (District 14)
Solid waste hauler	N/A



Rincon Project Number: 22-12841

Site Name and Full Address: Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

9. To the best of your knowledge, has your facility previously or does your facility currently store or use any of the following in individual containers larger than 5 gallons in volume or 50 gallons in the aggregate? (if Yes or Unknown, include how many, type, and size)

<input type="checkbox"/> Damaged or discarded automotive or industrial batteries	
<input type="checkbox"/> Paints	
<input type="checkbox"/> Oils or solvents	
<input type="checkbox"/> Motor vehicle fleet	
<input type="checkbox"/> Pesticides or herbicides	
<input type="checkbox"/> Other chemicals or hazardous substances	

10. Please indicate any wastes generated at the facility:

Hazardous Waste	Quantity	Disposal Method

11. Are there currently or to the best of your knowledge have there been previously, any industrial drums (typically 55 gallon) or sacks of chemicals located on the property or at the facility?

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	If Yes or Unknown, please describe:
--	-------------------------------------

12. Are there currently or to the best of your knowledge have there been previously, any evidence of fill dirt having been brought onto the property that originated from a contaminated site or that is of an unknown origin?

<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown	If Yes or Unknown, please describe:
--	-------------------------------------



Rincon Project Number: 22-12841

Site Name and Full Address: Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

**13. Are there currently or to the best of your knowledge have there been previously, any pits, ponds or lagoons located on the property in connection with waste treatment or waste disposal?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

**14. Are there currently or to the best of your knowledge have there been previously, any sumps, clarifiers, or solvent degreasers on the property?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

**15. Are there currently or to the best of your knowledge have there been previously, any stained soil on the property?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

**16. Are there currently or to the best of your knowledge have there been previously, any storage tanks (above or below ground) located on the property?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

**17. Are there currently or to the best of your knowledge have there been previously, any vent pipes, fill pipes, or access ways (etc.) indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

**18. If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system or has the well been designated as contaminated by any government agency?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	



Rincon Project Number: 22-12841

Site Name and Full Address: Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

19. Are there currently or to the best of your knowledge have there been previously, any flooring, drains, or walls located within the facility that are stained by substances other than water, or are emitting foul odors?

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

20. To the best of your knowledge has your facility previously or does your facility currently, discharge wastewater on or adjacent to the property other than storm water into a sanitary sewer system?

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

21. Have any of the following ever been dumped above grade, buried and/or burned on the property? (please check all that apply and describe if possible)

<input type="checkbox"/> Hazardous substances	
<input type="checkbox"/> Petroleum products	
<input type="checkbox"/> Unidentified waste materials	
<input type="checkbox"/> Tires	
<input type="checkbox"/> Automotive or industrial batteries	
<input type="checkbox"/> Other waste materials (please describe)	

22. Are there currently or to the best of your knowledge have there been previously, a transformer, capacitor or any hydraulic equipment on the property?

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

23. Are there currently or to the best of your knowledge have there been previously any records indicating the presence of PCBs?

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	



Rincon Project Number: 22-12841

Site Name and Full Address: Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

**24. Are there currently or to the best of your knowledge have there been previously any records indicating the presence of pesticides or herbicides?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

**25. Do you have any knowledge of environmental liens that may have been recorded against the property or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

**26. Do you have any knowledge of activity and use limitations (AULs) such as engineering controls, deed restrictions, land use restrictions, or institutional controls that may have been recorded against the property?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

**27. Have you been informed of the past or current existence of hazardous substances, petroleum products, or environmental violations with respect to the property or any facility located on the property?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

**28. Do you have any knowledge of any environmental site assessments of the property or facility?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

**29. Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release of any hazardous substances or petroleum products involving the property by any owner or occupant of the property?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe:
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	



**Rincon Project Number:** 22-12841  
**Site Name and Full Address:** Proposed Industrial Warehouse Facility, SE Corner W Avenue F and 20th Street West, Lancaster, California

**30. Are there any site-specific geotechnical or geologic reports available for the subject property?**

<input type="checkbox"/> Yes	If Yes or Unknown, please describe: A geotechnical investigation is underway and results will be provided after completion of the Rincon DD package.
<input checked="" type="checkbox"/> No	
<input type="checkbox"/> Unknown	

**31. Is there a Title Report available for the subject property?**

<input checked="" type="checkbox"/> Yes	If Yes or Unknown, please describe: The title report has been provided.
<input type="checkbox"/> No	
<input type="checkbox"/> Unknown	

**This questionnaire was completed by (please print)**

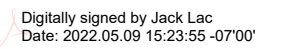
Name Jack Lac  
 Title Western Region Development Manager  
 Firm NorthPoint Development  
 Street Address 3315 N. Oak Trafficway  
 City, State, Zip Code Kansas City, MO 64116  
 Phone Number 626-524-5519  
 Fax Number \_\_\_\_\_

What is the Preparer's relationship to the property (i.e., owner, occupant, property manager, employee, agent, consultant, etc.)? Buyer of property (under contract with Seller).

**Copies of the completed questionnaire should be faxed, emailed (preferably) or mailed to:**

Rincon Consultants, Inc.  
 Attention: Environmental Site Assessment Division  
 2215 Faraday Avenue, Suite A  
 Carlsbad, CA 92008  
 Fax: (760) 918-9444  
 Email: LRoenicke@rinconconsultants.com

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's knowledge no material facts have been suppressed or misstated.

Signature Jack Lac  Digitally signed by Jack Lac  
 Date: 2022.05.09 15:23:55 -07'00' Date \_\_\_\_\_

# Appendix B

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Regulatory Records Search





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# DATABASE REPORT

**Project Property:** *Proposed Industrial Warehouse Facility  
W Avenue F and 20th Street West  
Lancaster CA*

**Project No:** *22-12841*

**Report Type:** *Database Report*

**Order No:** *22050500704*

**Requested by:** *Rincon Consultants, Inc.*

**Date Completed:** *May 6, 2022*

**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)

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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:** *Proposed Industrial Warehouse Facility  
W Avenue F and 20th Street West Lancaster CA*

**Project No:** *22-12841*

### **Coordinates:**

**Latitude:** *34.7441892*  
**Longitude:** *-118.157594*  
**UTM Northing:** *3,845,285.32*  
**UTM Easting:** *394,037.39*  
**UTM Zone:** *UTM Zone 11S*

**Elevation:** *2,309 FT*

## Order Information:

**Order No:** *22050500704*  
**Date Requested:** *May 5, 2022*  
**Requested by:** *Rincon Consultants, Inc.*  
**Report Type:** *Database Report*

## Historicals/Products:

**Aerial Photographs** *Historical Aerials (with Project Boundaries)*  
**City Directory Search** *CD - 2 Street Search*  
**ERIS Xplorer** [\*ERIS Xplorer\*](#)  
**Excel Add-On** *Excel Add-On*  
**Fire Insurance Maps** *US Fire Insurance Maps*  
**Physical Setting Report (PSR)** *Physical Setting Report (PSR)*  
**Topographic Map** *Topographic Maps*

# 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
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	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
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0

<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>
FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
<b>State</b>								
RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	0	0	1	0	1
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
SWRCB SWF	Y	0.5	0	0	0	0	-	0
WMUD	Y	0.5	0	0	0	0	-	0
HWP	Y	1	0	0	0	0	0	0
SWAT	Y	0.5	0	0	0	0	-	0
C&D DEBRIS RECY	Y	0.5	0	0	0	0	-	0
RECYCLING	Y	0.5	0	0	0	0	-	0
PROCESSORS	Y	0.5	0	0	0	0	-	0
CONTAINER RECY	Y	0.5	0	0	0	0	-	0
LDS	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	0	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

<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>
CALSITES	Y	0.5	0	0	0	0	-	0
HLUR	Y	0.5	0	0	0	0	-	0
DEED	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
CLEANUP SITES	Y	0.5	0	0	0	0	-	0
DELISTED COUNTY	Y	0.25	0	0	0	-	-	0

**Tribal**

INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0

**County**

SML LA	Y	0.5	0	0	0	0	-	0
SWF LA COUNTY	Y	0.5	0	0	0	0	-	0
CUPA LA COUNTY	Y	0.25	0	0	0	-	-	0
HMS LA	Y	0.25	0	0	0	-	-	0
UST SANTAFESP	Y	0.25	0	0	0	-	-	0
UST LONGB	Y	0.25	0	0	0	-	-	0
CUPA BURBANK	Y	0.25	0	0	0	-	-	0
UST ELSEGUNDO	Y	0.25	0	0	0	-	-	0
UST SANTA MONICA	Y	0.25	0	0	0	-	-	0
AST SANTAMON	Y	0.25	0	0	0	-	-	0
CUPA SANTAMON	Y	0.25	0	0	0	-	-	0
UST TORRANCE	Y	0.25	0	0	0	-	-	0
UST VERNON	Y	0.25	0	0	0	-	-	0
CUPA VERNON	Y	0.25	0	0	0	-	-	0
UST LA CITY	Y	0.25	0	0	0	-	-	0
AST LA CITY	Y	0.25	0	0	0	-	-	0
HAZMAT LA CITY	Y	0.125	0	0	-	-	-	0

**Additional Environmental Records**

**Federal**

FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0

<b>Database</b>	<b>Searched</b>	<b>Search Radius</b>	<b>Project Property</b>	<b>Within 0.12mi</b>	<b>0.125mi to 0.25mi</b>	<b>0.25mi to 0.50mi</b>	<b>0.50mi to 1.00mi</b>	<b>Total</b>
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	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
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
URANIUM	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCB	Y	0.5	0	0	0	0	-	0
<b>State</b>								
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DRYC GRANT	Y	0.25	0	0	0	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	0	0	-	0
HWSS CLEANUP	Y	0.5	0	0	0	0	-	0
TOXIC PITS	Y	1	0	0	0	0	0	0

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
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	1	0	1
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

**Tribal**

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

**County**

HAZMAT SANTAMON	Y	0.125	0	0	-	-	-	0
HAZ WST SANTAMON	Y	0.125	0	0	-	-	-	0

---

**Total:** 0 0 0 2 0 2

\* PO – Property Only

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



## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev Diff (ft)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

## Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<a href="#">1</a>	SCH	AVENUE N SCHOOL	AVENUE N/35TH STREET WEST LANCASTER CA 93534 <i>Estor/EPA ID   Cleanup Status:</i> 19650026   NO ACTION REQUIRED AS OF 6/17/2002	SE	0.39 / 2,085.29	3	<a href="#">17</a>
<a href="#">1</a>	ENVIROSTOR	AVENUE N SCHOOL	AVENUE N/35TH STREET WEST LANCASTER CA 93534 <i>Estor/EPA ID   Cleanup Status:</i> 19650026   NO ACTION REQUIRED AS OF 6/17/2002	SE	0.39 / 2,085.29	3	<a href="#">17</a>

## Executive Summary: Summary by Data Source

### **Standard**

#### **State**

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

A search of the ENVIROSTOR database, dated Jan 6, 2022 has found that there are 1 ENVIROSTOR site(s) within approximately 1.00 miles of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (mi/ft)</u></b>	<b><u>Map Key</u></b>
AVENUE N SCHOOL	AVENUE N/35TH STREET WEST LANCASTER CA 93534	SE	0.39 / 2,085.29	<a href="#">1</a>
<i>Estor/EPA ID   Cleanup Status: 19650026   NO ACTION REQUIRED AS OF 6/17/2002</i>				

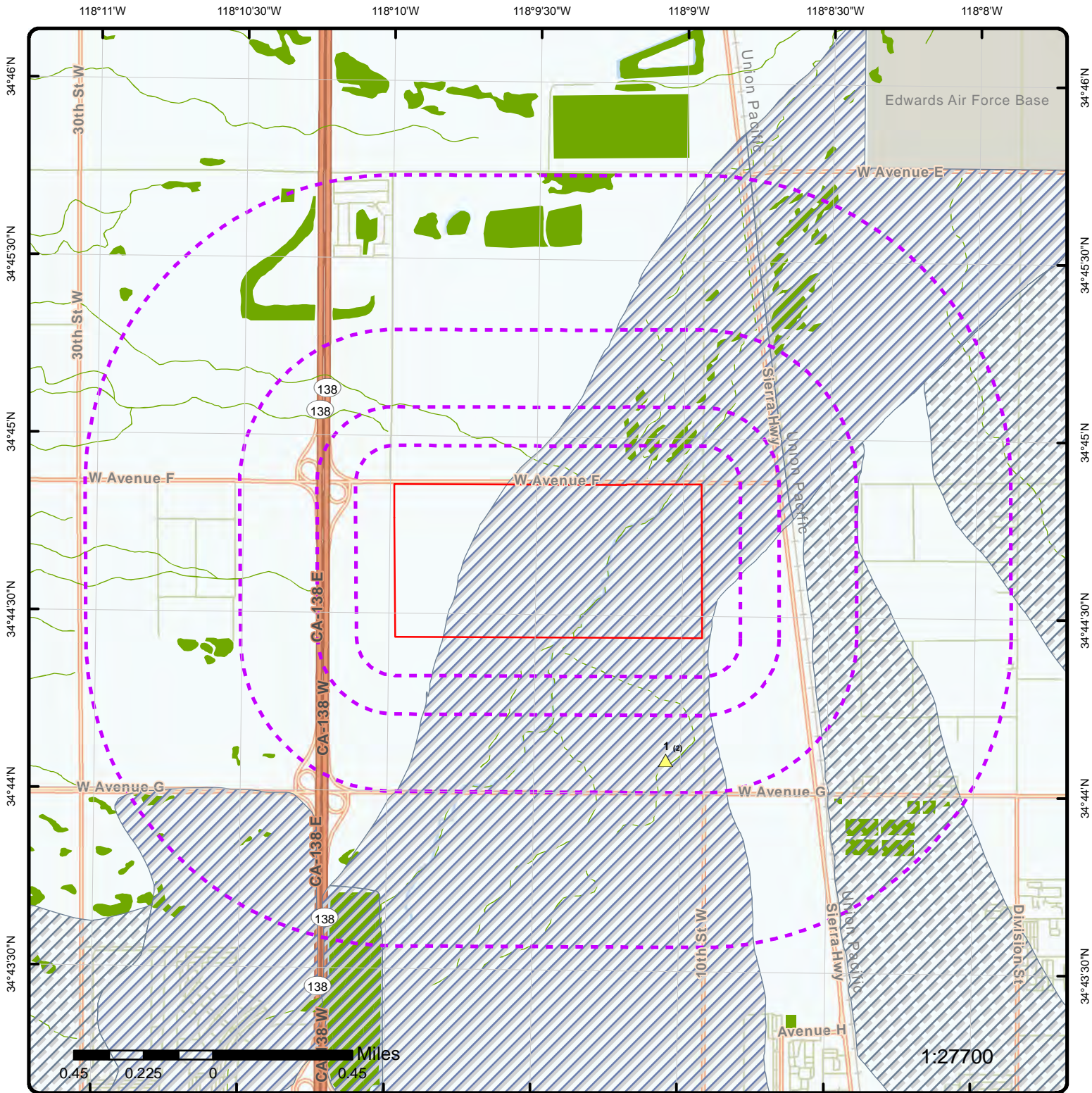
### **Non Standard**

#### **State**

##### **SCH - School Property Evaluation Program Sites**

A search of the SCH database, dated Jan 6, 2022 has found that there are 1 SCH site(s) within approximately 1.00 miles of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (mi/ft)</u></b>	<b><u>Map Key</u></b>
AVENUE N SCHOOL	AVENUE N/35TH STREET WEST LANCASTER CA 93534	SE	0.39 / 2,085.29	<a href="#">1</a>
<i>Estor/EPA ID   Cleanup Status: 19650026   NO ACTION REQUIRED AS OF 6/17/2002</i>				

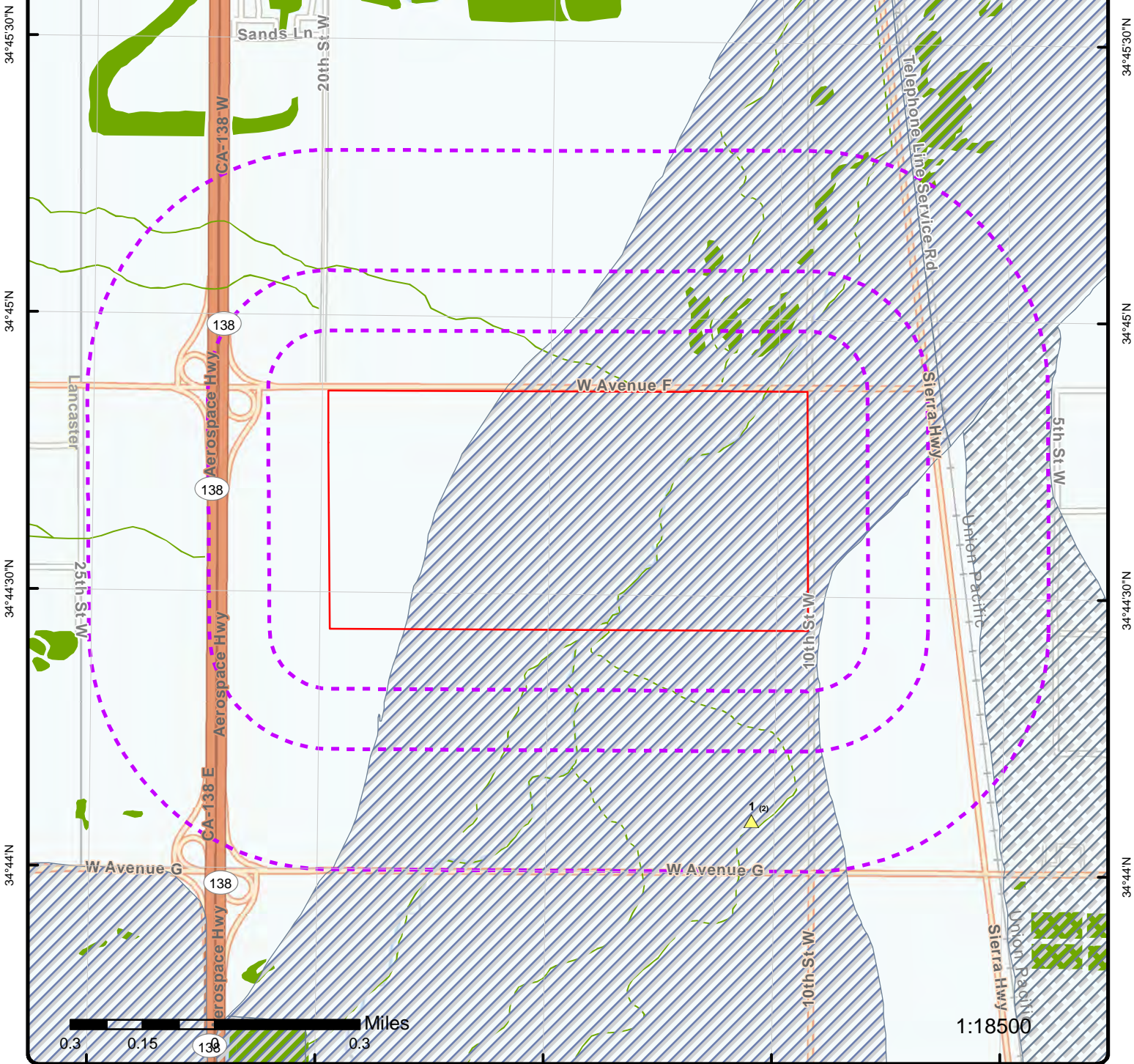


**Map: 1.0 Mile Radius**

Order Number: 22050500704  
 Address: W Avenue F and 20th Street West, Lancaster, CA



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

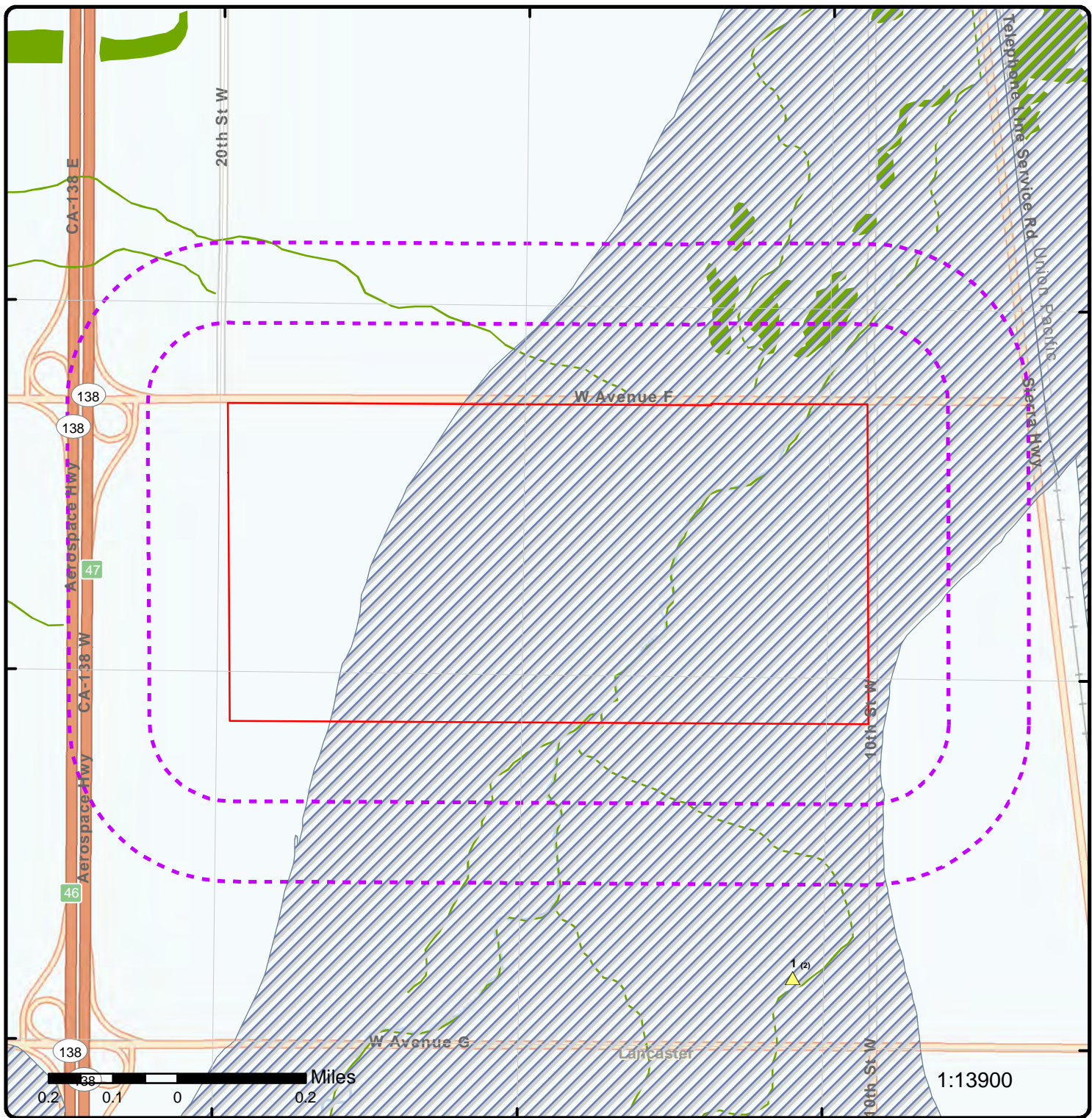


**Map: 0.5 Mile Radius**

Order Number: 22050500704  
 Address: W Avenue F and 20th Street West, Lancaster, CA



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



### Map: 0.25 Mile Radius

Order Number: 22050500704

Address: W Avenue F and 20th Street West, Lancaster, CA



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

118°10'W

118°9'30"W

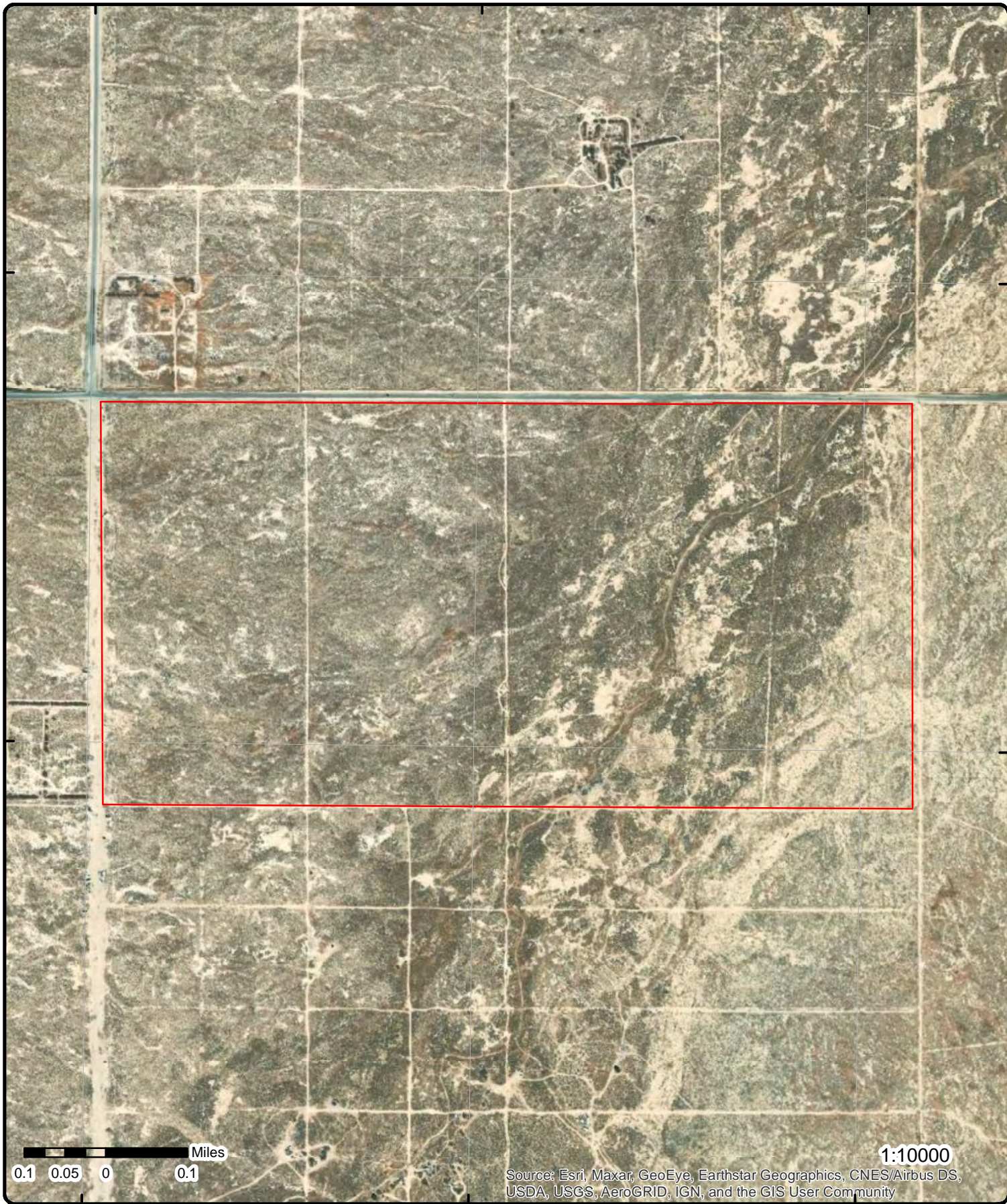
118°9'W

34°45'N

34°45'N

34°44'30"N

34°44'30"N



0.1 0.05 0 0.1 Miles

1:10000

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

**Aerial** Year: 2021

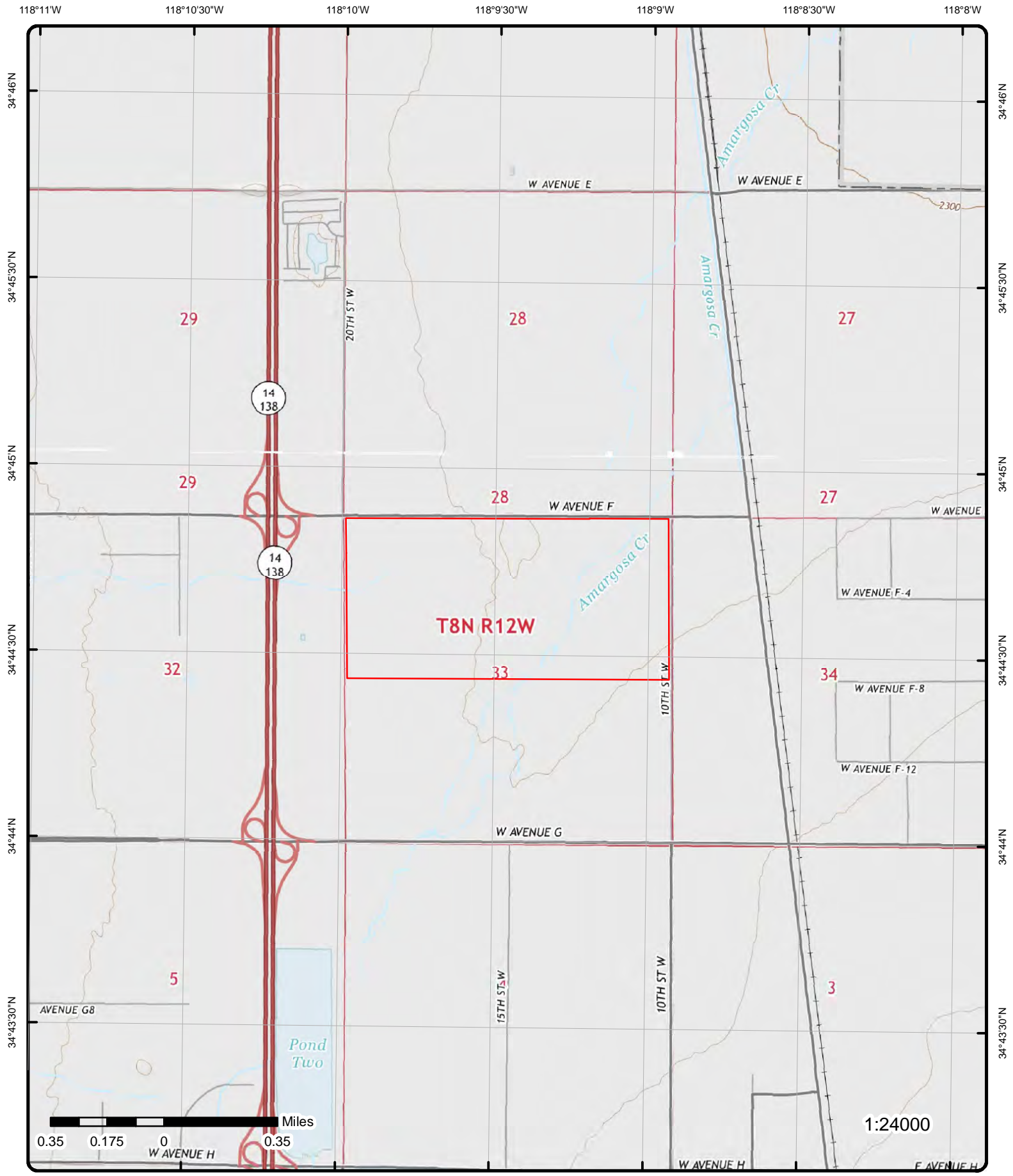
Order Number: 22050500704

Address: W Avenue F and 20th Street West, Lancaster, CA



© ERIS Information Inc.

Source: ESRI World Imagery



**Topographic Map**

Year: 2015

Order Number: 22050500704

Address: W Avenue F and 20th Street West, CA



Quadrangle(s): Rosamond Lake, CA; Rosamond, CA; Lancaster West, CA; Lancaster East, CA

© ERIS Information Inc.

Source: USGS Topographic Map



# Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<a href="#">1</a>	1 of 2	SE	0.39 / 2,085.29	2,312.50 / 3	AVENUE N SCHOOL AVENUE N/35TH STREET WEST LANCASTER CA 93534	SCH

<b>Estor/EPA ID:</b> 19650026 <b>Site Code:</b> 304374 <b>Nat Priority List:</b> NO <b>Acres:</b> 20 ACRES <b>Special Program:</b> <b>Funding:</b> SCHOOL DISTRICT <b>Assembly District:</b> 36 <b>Senate District:</b> 21 <b>School District:</b> <b>APN:</b> NONE SPECIFIED <b>Cleanup Status:</b> NO ACTION REQUIRED AS OF 6/17/2002 <b>Cleanup Oversight Agencies:</b> DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY <b>Site Type:</b> SCHOOL <b>Office:</b> SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH <b>Past Use that Caused Contam:</b> NONE <b>Potential Media Affected:</b> NO MEDIA AFFECTED <b>Potential Contamin of Concern:</b>	<b>Permit Renewal Lead:</b> <b>Project Manager:</b> <b>Supervisor:</b> JAVIER HINOJOSA <b>Public Partici Spclst:</b> <b>Census Tract:</b> 6037900900 <b>County:</b> LOS ANGELES <b>Latitude:</b> 34.7349 <b>Longitude:</b> -118.1508
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NO CONTAMINANTS FOUND

**SITE HISTORY:**

According to the Phase I, the approximately 25-acre site has been historically vacant, undeveloped land. No agricultural or other activities appear to have occurred on the site, nor are there any apparent adjacent land use concerns. DTSC approved the Phase I with a no action determination.

<b>Status:</b>	NO ACTION REQUIRED
<b>Program Type:</b>	SCHOOL INVESTIGATION
<b>CalEnviroScreen Score:</b>	41-45%
<b>Summary Link:</b>	<a href="https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19650026">https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19650026</a>

**Completed Activities**

<b>Title:</b>	Phase 1
<b>Title Link:</b>	<a href="https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19650026&amp;doc_id=6001546">https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19650026&amp;doc_id=6001546</a>
<b>Area Name:</b>	
<b>Area Link:</b>	
<b>Sub Area:</b>	
<b>Sub Area Link:</b>	
<b>Document Type:</b>	Phase 1
<b>Date Completed:</b>	6/17/2002
<b>Comments:</b>	

<a href="#">1</a>	2 of 2	SE	0.39 / 2,085.29	2,312.50 / 3	AVENUE N SCHOOL AVENUE N/35TH STREET WEST LANCASTER CA 93534	ENVIROSTOR
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<b>Estor/EPA ID:</b> 19650026 <b>Site Code:</b> 304374 <b>Nat Priority List:</b> NO <b>APN:</b> NONE SPECIFIED <b>Census Tract:</b> 6037900900 <b>Site Type:</b> SCHOOL <b>Address Description:</b> AVENUE N/35TH STREET WEST	<b>Assembly District:</b> 36 <b>Senate District:</b> 21 <b>Permit Renewal Lead:</b> <b>Public Partici Spclst:</b> <b>Project Manager:</b> <b>County:</b> LOS ANGELES <b>Latitude:</b> 34.7349
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<b>Map Key</b>	<b>Number of Records</b>	<b>Direction</b>	<b>Distance (mi/ft)</b>	<b>Elev/Diff (ft)</b>	<b>Site</b>	<b>DB</b>
<b>Office:</b>		SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH		<b>Longitude:</b>	-118.1508	
<b>Special Program:</b>				<b>Acres:</b>	20 ACRES	
<b>Funding:</b>		SCHOOL DISTRICT		<b>Supervisor:</b>	JAVIER HINOJOSA	
<b>Cleanup Status:</b>					NO ACTION REQUIRED AS OF 6/17/2002	
<b>Cleanup Oversight Agencies:</b>					DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY	
<b>School District:</b>					WESTSIDE UNION ELEMENTARY SCHOOL DISTRICT	
<b>Past Use that Caused Contam:</b>					NONE	
<b>Potential Media Affected:</b>					NO MEDIA AFFECTED	
<b>Site History:</b>						

According to the Phase I, the approximately 25-acre site has been historically vacant, undeveloped land. No agricultural or other activities appear to have occurred on the site, nor are there any apparent adjacent land use concerns. DTSC approved the Phase I with a no action determination.

**Potential Contaminant of Concern:**

NO CONTAMINANTS FOUND

**Status:** NO ACTION REQUIRED  
**Program Type:** SCHOOL INVESTIGATION  
**CalEnviroScreen Score:** 41-45%  
**Summary Link:** [https://www.envirostor.dtsc.ca.gov/public/profile\\_report?global\\_id=19650026](https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=19650026)

**Completed Activities**

**Title:** Phase 1  
**Title Link:** [https://www.envirostor.dtsc.ca.gov/public/final\\_documents2?global\\_id=19650026&doc\\_id=6001546](https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=19650026&doc_id=6001546)  
**Area Name:**  
**Area Link:**  
**Sub Area:**  
**Sub Area Link:**  
**Document Type:** Phase 1  
**Date Completed:** 6/17/2002  
**Comments:**

# Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
----	------------------------	---------	------	-----	---------

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

# Unplottable Report

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

# Appendix: Database Descriptions

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

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

## **Standard Environmental Record Sources**

### **Federal**

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

[DOE FUSRAP](#)

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

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

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

[NPL](#)

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

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

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

[PROPOSED NPL](#)

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

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

#### **Deleted NPL:**

[DELETED NPL](#)

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

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

**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: Feb 24, 2022**

**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**

**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: Feb 24, 2022**

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

[CERCLIS](#)

**CERCLIS:**

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

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

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

[IODI](#)

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

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

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

[CERCLIS NFRAP](#)

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

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

**CERCLIS Liens:**

[CERCLIS LIENS](#)

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

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

**RCRA CORRACTS-Corrective Action:**

[RCRA CORRACTS](#)

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

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

**RCRA non-CORRACTS TSD Facilities:**

[RCRA TSD](#)

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

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

**RCRA Generator List:**

[RCRA LQG](#)

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

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

**RCRA Small Quantity Generators List:**

[RCRA SQG](#)

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

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

**RCRA Very Small Quantity Generators List:**

[RCRA VSQG](#)

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

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

**RCRA Non-Generators:**

[RCRA NON GEN](#)

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

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

**RCRA Sites with Controls:**

[RCRA CONTROLS](#)

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

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

**Federal Engineering Controls-ECs:**

[FED ENG](#)

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

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

**Federal Institutional Controls- ICs:**

[FED INST](#)

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

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

**Land Use Control Information System:**

[LUCIS](#)

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

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

**Institutional Control Boundaries at NPL sites:**

[NPL IC](#)

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

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

**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:** Dec 31, 2021

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

[FED BROWNFIELDS](#)

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

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

**FEMA Underground Storage Tank Listing:**

[FEMA UST](#)

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

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

**Facility Response Plan:**

[FRP](#)

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

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

**Historical Gas Stations:**

[HIST GAS STATIONS](#)

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

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



**Petroleum Refineries:**

REFN

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

**Government Publication Date: Feb 4, 2022**

**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: Feb 4, 2022**

**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: Feb 24, 2022**

**Superfund Decision Documents:**

SUPERFUND ROD

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

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

**State**

**State Response Sites:**

RESPONSE

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

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

**EnviroStor Database:**

ENVIROSTOR

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

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

**Delisted State Response Sites:**

DELISTED ENVS

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

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

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

SWF/LF

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

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

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

SWRCB SWF

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

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

**Waste Management Unit Database:**

WMUD

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

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

**EnviroStor Hazardous Waste Facilities:**

[HWP](#)

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

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

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

[SWAT](#)

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

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

**Construction and Demolition Debris Recyclers:**

[C&D DEBRIS RECY](#)

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

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

**Recycling Centers:**

[RECYCLING](#)

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

**Government Publication Date: Apr 12, 2022**

**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: Apr 12, 2022**

**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: Apr 12, 2022**

**Land Disposal Sites:**

[LDS](#)

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

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

**Leaking Underground Fuel Tank Reports:**

[LUST](#)

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

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

**Delisted Leaking Storage Tanks:**

[DELISTED LST](#)

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

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

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

UST

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

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

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

UST CLOSURE

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

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

**Historical Hazardous Substance Storage Information Database:**

HHSS

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

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

**Statewide Environmental Evaluation and Planning System:**

UST SWEEPS

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

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

**Aboveground Storage Tanks:**

AST

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

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

**SWRCB Historical Aboveground Storage Tanks:**

AST SWRCB

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

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

**Oil and Gas Facility Tanks:**

TANK OIL GAS

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

**Government Publication Date: Apr 4, 2022**

**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: Apr 25, 2022**

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

CERS TANK

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

**Government Publication Date: Apr 5, 2022**

**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: Apr 5, 2022**

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

HIST TANK

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

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

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

[LUR](#)

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

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

**CALSITES Database:**

[CALSITES](#)

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

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

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

[HLUR](#)

The Department of Toxic Substances Control (DTSC) Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

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

**Deed Restrictions and Land Use Restrictions:**

[DEED](#)

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

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

**Voluntary Cleanup Program:**

[VCP](#)

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

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

**GeoTracker Cleanup Program Sites:**

[CLEANUP SITES](#)

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

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

**Delisted County Records:**

[DELISTED COUNTY](#)

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

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

**Tribal**

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

[INDIAN LUST](#)

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

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

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

[INDIAN UST](#)

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

Government Publication Date: Oct 12, 2021

**Delisted Tribal Leaking Storage Tanks:**

[DELISTED ILST](#)

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

Government Publication Date: Oct 12, 2021

**Delisted Tribal Underground Storage Tanks:**

[DELISTED IUST](#)

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

Government Publication Date: Oct 13, 2021

**County**

**Los Angeles County - Site Mitigation List:**

[SML LA](#)

A Site Mitigation List in the County of Los Angeles. The list is made available by Los Angeles County Fire Department. Site mitigation is handled by the Site Mitigation Unit (SMU) which facilitates completion of site clean-up projects of contaminated sites in an expeditious manner in all cities of the Los Angeles County except El Segundo, Glendale, Long Beach, Santa Fe Springs, and Vernon.

Government Publication Date: May 26, 2021

**Los Angeles County - Solid Waste Sites:**

[SWF LA COUNTY](#)

List of permitted solid waste facilities, closed landfills, historical dumpsites and other solid waste sites in Los Angeles County, made available by the Department of Public Works in Los Angeles County.

Government Publication Date: Feb 15, 2022

**Los Angeles County - CUPA Program Records:**

[CUPA LA COUNTY](#)

A list of inspection and enforcement records for active and inactive CUPA Program facilities, made available by the Health Hazardous Materials Division (HHMD) of the County of Los Angeles Fire Department. Includes Hazardous Materials Business Plan (HMBP), California Accidental Release Prevention Plan (CalARP), Hazardous Waste Generator (HWG), and the Aboveground Petroleum Storage Act Programs (APSA). Inactive programs include facilities that are out of business or no longer regulated by the HHMD.

Government Publication Date: Mar 25, 2020

**Los Angeles County - HMS List:**

[HMS LA](#)

List of sites in the Los Angeles County Department of Public Works Hazardous Materials System (HMS) Database which have or have had permits for Industrial Waste, Underground Storage Tanks, or Stormwater in the county of Los Angeles.

Government Publication Date: Nov 5, 2020

**Los Angeles County - Santa Fe Springs Underground Storage Tank:**

[UST SANTAFESP](#)

A list of registered active Underground Storage Tanks (USTs) in the City of Santa Fe Springs. This list is made available by Santa Fe Springs Department of Fire-Rescue.

Government Publication Date: Feb 11, 2022

**Los Angeles County - Long Beach UST List:**

[UST LONGB](#)

List of registered Underground Storage Tanks (USTs) in the City of Long Beach, Los Angeles County, made available by the Long Beach Certified Unified Program Agency (CUPA). The Long Beach CUPA operates under oversight shared by the Long Beach Fire Department and Health Department.

Government Publication Date: Jul 9, 2018

**Los Angeles County - Burbank City CUPA List:**

[CUPA BURBANK](#)

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in the City of Burbank. This list is made available by the City of Burbank Fire Department.

Government Publication Date: Aug 21, 2019

**Los Angeles County - El Segundo City Underground Storage Tanks List:**

[UST ELSEGUNDO](#)

List of registered Underground Storage Tanks (USTs) in the City of El Segundo of Los Angeles County, made available by El Segundo City Fire Department.

Government Publication Date: Jan 17, 2017

**Los Angeles County - Santa Monica City Underground Storage Tank List:**

[UST SANTA MONICA](#)

A list of registered active Underground Storage Tanks (USTs) in the City of Santa Monica made available by Santa Monica Fire Prevention Division.

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

**Los Angeles County - Santa Monica City Aboveground Storage Tank List:**

[AST SANTAMON](#)

List of registered Aboveground Storage Tanks (ASTs) made available by the Santa Monica Fire Department in the City of Santa Monica of Los Angeles County, California.

**Government Publication Date: Jan 14, 2022**

**Los Angeles County - Santa Monica City CUPA Facilities List:**

[CUPA SANTAMON](#)

The Santa Monica Fire Department's office maintains a list of CUPA Facilities located in Santa Monica city.

**Government Publication Date: Jan 14, 2022**

**Los Angeles County - Torrance City Underground Storage Tanks:**

[UST TORRANCE](#)

A list of registered Underground Storage Tank (UST) sites in Torrance City of Los Angeles County. This list is made available by Torrance City Office of Clerk.

**Government Publication Date: Feb 2, 2021**

**Los Angeles County - Vernon City UST List:**

[UST VERNON](#)

A list of Underground Storage Tanks (UST) in Vernon City provided by the Vernon City Fire Department.

**Government Publication Date: Jan 10, 2022**

**Los Angeles County - Vernon City CUPA List:**

[CUPA VERNON](#)

The Vernon City Fire Department's office maintains a list of CUPA Facilities located in Vernon city.

**Government Publication Date: Jan 10, 2022**

**Los Angeles County - City of Los Angeles UST List:**

[UST LA CITY](#)

A list of active and inactive underground storage tank facilities made available by the Los Angeles Fire Department CUPA.

**Government Publication Date: Jan 13, 2022**

**Los Angeles County - City of Los Angeles AST List:**

[AST LA CITY](#)

A list of active and inactive above ground petroleum storage tanks made available by the Los Angeles Fire Department CUPA.

**Government Publication Date: Jun 1, 2019**

**Los Angeles County - City of Los Angeles Hazardous Materials Facilities:**

[HAZMAT LA CITY](#)

A list of active and inactive hazardous materials facilities made available by the Los Angeles Fire Department CUPA.

**Government Publication Date: Jun 1, 2019**

## **Additional Environmental Record Sources**

### **Federal**

**Facility Registry Service/Facility Index:**

[FINDS/FRS](#)

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

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

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

[TRIS](#)

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

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

**Perfluorinated Alkyl Substances (PFAS) Releases:**

[PFAS TRI](#)

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

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

**PFOA/PFOS Contaminated Sites:**

[PFAS NPL](#)

List of sites where PFOA or PFOS contaminants have been found in drinking water or soil. Made available by the Federal Environmental Protection Agency (EPA).

**Government Publication Date: Jan 11, 2022**

**SSEHRI PFAS Contamination Sites:**

[PFAS SSEHRI](#)

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations <https://pfasproject.com/pfas-contamination-site-tracker/>

**Government Publication Date: Dec 12, 2019**

**Perfluorinated Alkyl Substances (PFAS) Water Quality:**

[PFAS WATER](#)

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

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

**Hazardous Materials Information Reporting System:**

[HMIRS](#)

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

**Government Publication Date: Sep 1, 2020**

**National Clandestine Drug Labs:**

[NCDL](#)

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

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

**Toxic Substances Control Act:**

[TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

**Government Publication Date: Apr 11, 2019**

**Hist TSCA:**

[HIST TSCA](#)

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.

The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

**FTTS Administrative Case Listing:**

[FTTS ADMIN](#)

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

**FTTS Inspection Case Listing:**

[FTTS INSP](#)

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

**Potentially Responsible Parties List:**

[PRP](#)

Early in the cleanup process, the Environmental Protection Agency (EPA) conducts a search to find the potentially responsible parties (PRPs). EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site.

Government Publication Date: Mar 30, 2022

**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: Jan 15, 2022

**Drycleaner Facilities:**

[FED DRYCLEANERS](#)

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

Government Publication Date: May 5, 2021

**Delisted Drycleaner Facilities:**

[DELISTED FED DRY](#)

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

Government Publication Date: May 5, 2021

**Formerly Used Defense Sites:**

[FUDS](#)

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

Government Publication Date: May 26, 2021

**Former Military Nike Missile Sites:**

[FORMER NIKE](#)

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

Government Publication Date: Dec 2, 1984



**PHMSA Pipeline Safety Flagged Incidents:**

**PIPELINE INCIDENT**

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

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

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

**MLTS**

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

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

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

**HIST MLTS**

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

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

**Mines Master Index File:**

**MINES**

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

**Government Publication Date: Nov 2, 2021**

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

**SMCRA**

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

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

**Mineral Resource Data System:**

**MRDS**

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

**Government Publication Date: Mar 15, 2016**

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

**URANIUM**

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

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

**Alternative Fueling Stations:**

**ALT FUELS**

List of alternative fueling stations made available by the US Department of Energy's Office of Energy Efficiency & Renewable Energy. Includes Biodiesel stations, Ethanol (E85) stations, Liquefied Petroleum Gas (Propane) stations, Ethanol (E85) stations, Natural Gas stations, Hydrogen stations, and Electric Vehicle Supply Equipment (EVSE). The National Renewable Energy Laboratory (NREL) obtains information about new stations from trade media, Clean Cities coordinators, a Submit New Station form on the Station Locator website, and through collaborating with infrastructure equipment and fuel providers, original equipment manufacturers (OEMs), and industry groups.

**Government Publication Date: Dec 21, 2021**

**Superfunds Consent Decrees:**

**CONSENT DECREES**

A list of Superfund consent decrees made available by the Department of Justice, Environment & Natural Resources Division (ENRD).

**Government Publication Date: Sep 30, 2018**

**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: Mar 30, 2022**

**Polychlorinated Biphenyl (PCB) Notifiers:**

[PCB](#)

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

**Government Publication Date: Jan 20, 2022**

**State**

**Dry Cleaning Facilities:**

[DRYCLEANERS](#)

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

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

**Delisted Drycleaners:**

[DELISTED DRYCLEANERS](#)

Sites removed from the list of drycleaner related facilities that have EPA ID numbers, made available by the California Department of Toxic Substance Control.

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

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

[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, 2020**

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

[PFAS](#)

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

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

**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: Jan 29, 2022**

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

[HWSS CLEANUP](#)

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

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

**Toxic Pit Cleanup Act Sites:**

[TOXIC PITS](#)

The Toxic Pits Cleanup Act (TPCA) list identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. This list was maintained by the State Water Resources Control Board (SWRCB), is not longer maintained, and updates are not planned.

**Government Publication Date: Jul 1, 1995**

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

[DTSC HWF](#)

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

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

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

INSP COMP ENF

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

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

**School Property Evaluation Program Sites:**

SCH

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

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

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

CHMIRS

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

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

**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: Apr 12, 2022**

**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: Dec 6, 2021**

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

CERS HAZ

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

**Government Publication Date: Apr 5, 2022**

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

DELISTED HAZ

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

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

**Sites in GeoTracker:**

GEOTRACKER

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

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

**Mines Listing:**

MINE

This list includes mine site locations extracted from the Mines Online database, maintained by the California Department of Conservation. Mines Online (MOL) is an interactive web map designed with GIS features that provide information such as the mine name, mine status, commodity sold, location, and other mine specific data. Please note: Mine location information is provided to assist experts in determining the location of mine operators in accordance with California Civil Code section 1103.4 and reflects information reported by mine operators in annual reports provided under Public Resources Code section 2207. While the Division of Mine Reclamation (DMR) attempts to populate MOL with accurate location information, the DMR cannot guarantee the accuracy of operator reported location information.

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

**Recorded Environmental Cleanup Liens:**

LIEN

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

**Government Publication Date: Dec 15, 2021**

**Waste Discharge Requirements:**

WASTE DISCHG

List of sites in California State Water Resources Control Board (SWRCB) Waste Discharge Requirements (WDRs) Program in California, made available by the SWRCB via GeoTracker. The WDR program regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

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

**Toxic Pollutant Emissions Facilities:**

EMISSIONS

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

**Government Publication Date: Dec 31, 2019**

**Clandestine Drug Lab Sites:**

CDL

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

**Government Publication Date: Jan 19, 2021**

**Tribal**

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

**County**

**Los Angeles County - Santa Monica City Hazardous Materials Facilities:**

[HAZMAT SANTAMON](#)

A list of Hazardous Materials Facilities in the City of Santa Monica, Los Angeles county. This list is made available by Santa Monica Fire Prevention Division which has been designated as the CUPA for the City.

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

**Los Angeles County - Santa Monica City Hazardous Waste Facilities:**

[HAZ WST SANTAMON](#)

A list of Hazardous Waste Facilities in Los Angeles County, City of Santa Monica. This list is made available by Santa Monica Fire Prevention Division.

**Government Publication Date: Jan 14, 2022**

# Definitions

**Database Descriptions:** This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

**Detail Report:** This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

**Distance:** The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

**Direction:** The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

**Elevation:** The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

**Executive Summary:** This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

**Map Key:** The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

**Unplottables:** These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.



## Property Information

Order Number:	22050500704p
Date Completed:	May 6, 2022
Project Number:	22-12841
Project Property:	Proposed Industrial Warehouse Facility W Avenue F and 20th Street West Lancaster CA
Coordinates:	
Latitude:	34.7441892
Longitude:	-118.157594
UTM Northing:	3845285.3164 Meters
UTM Easting:	394037.39371 Meters
UTM Zone:	UTM Zone 11S
Elevation:	2,309.28 ft
Slope Direction:	NE

Topographic Information.....	2
Hydrologic Information.....	12
Geologic Information.....	20
Soil Information.....	23
Wells and Additional Sources.....	27
Summary.....	32
Detail Report.....	34
Radon Information.....	77
Appendix.....	78
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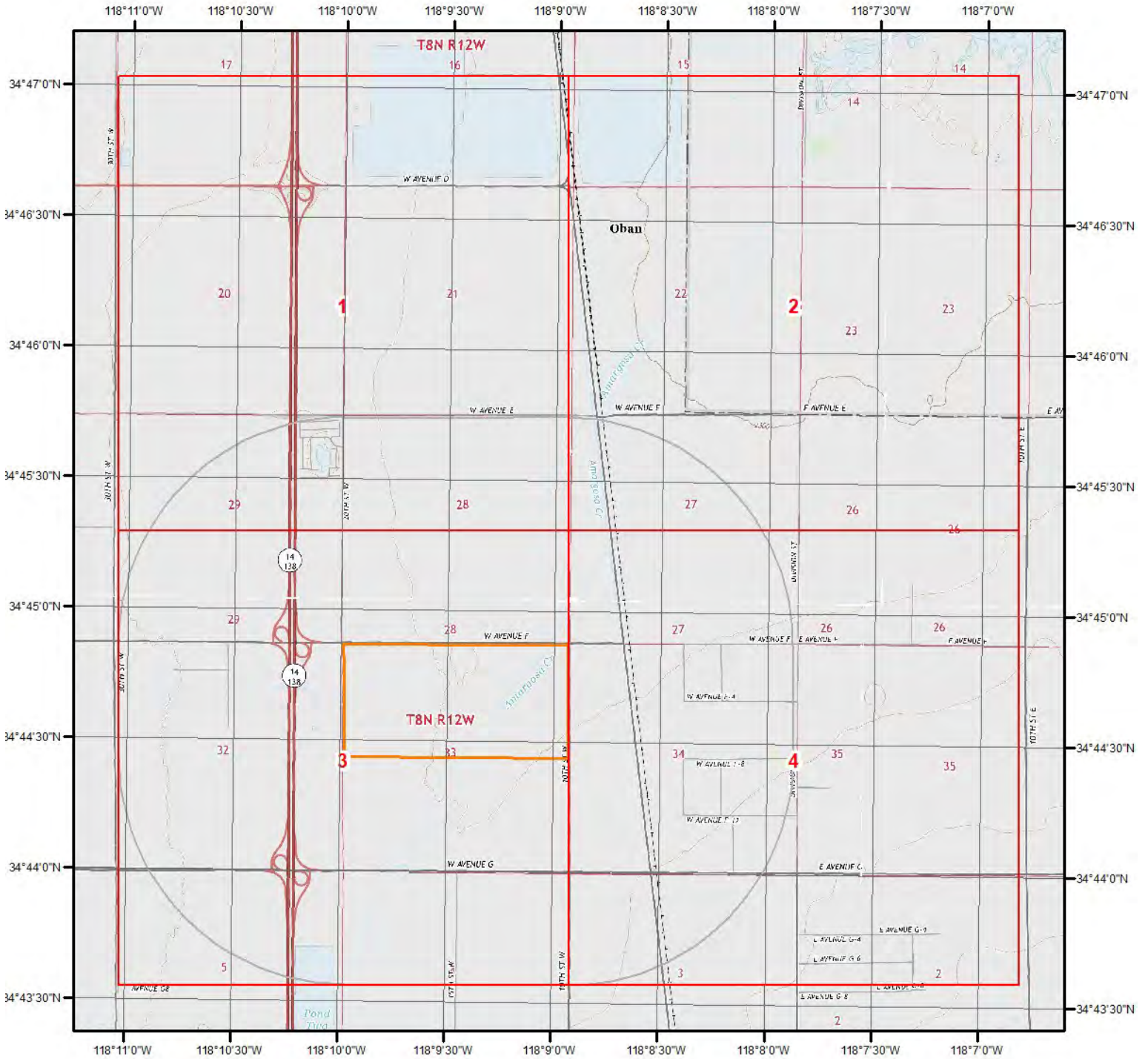
The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

The compilation of both physical characteristics of a site and additional attribute data is useful in assessing the impact of migration of contaminants and subsequent impact on soils and groundwater.

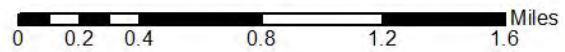
### Disclaimer

This Report does not provide a full environmental evaluation for the site or adjacent properties. Please see the terms and disclaimer at the end of the Report for greater detail.

# Topographic Information



**Current USGS Topo (2015)**



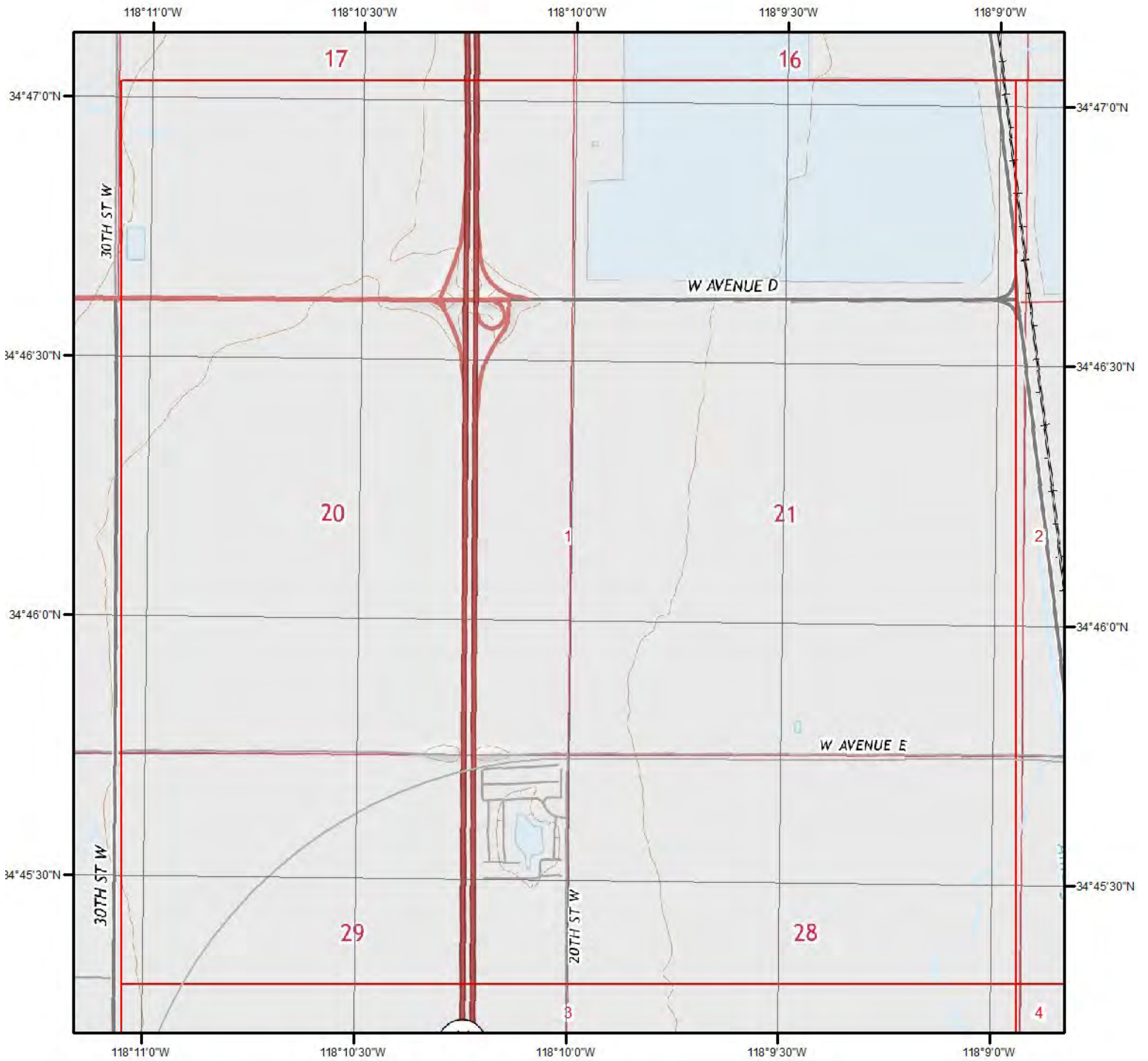
**Quadrangle(s): Del Sur,CA; Lancaster East,CA; Lancaster West,CA: Little Buttes,CA; Rosamond,CA; Rosamond Lake,CA**

Source: USGS 7.5 Minute Topographic Map





# Topographic Information



**Current USGS Topo - Page 1**

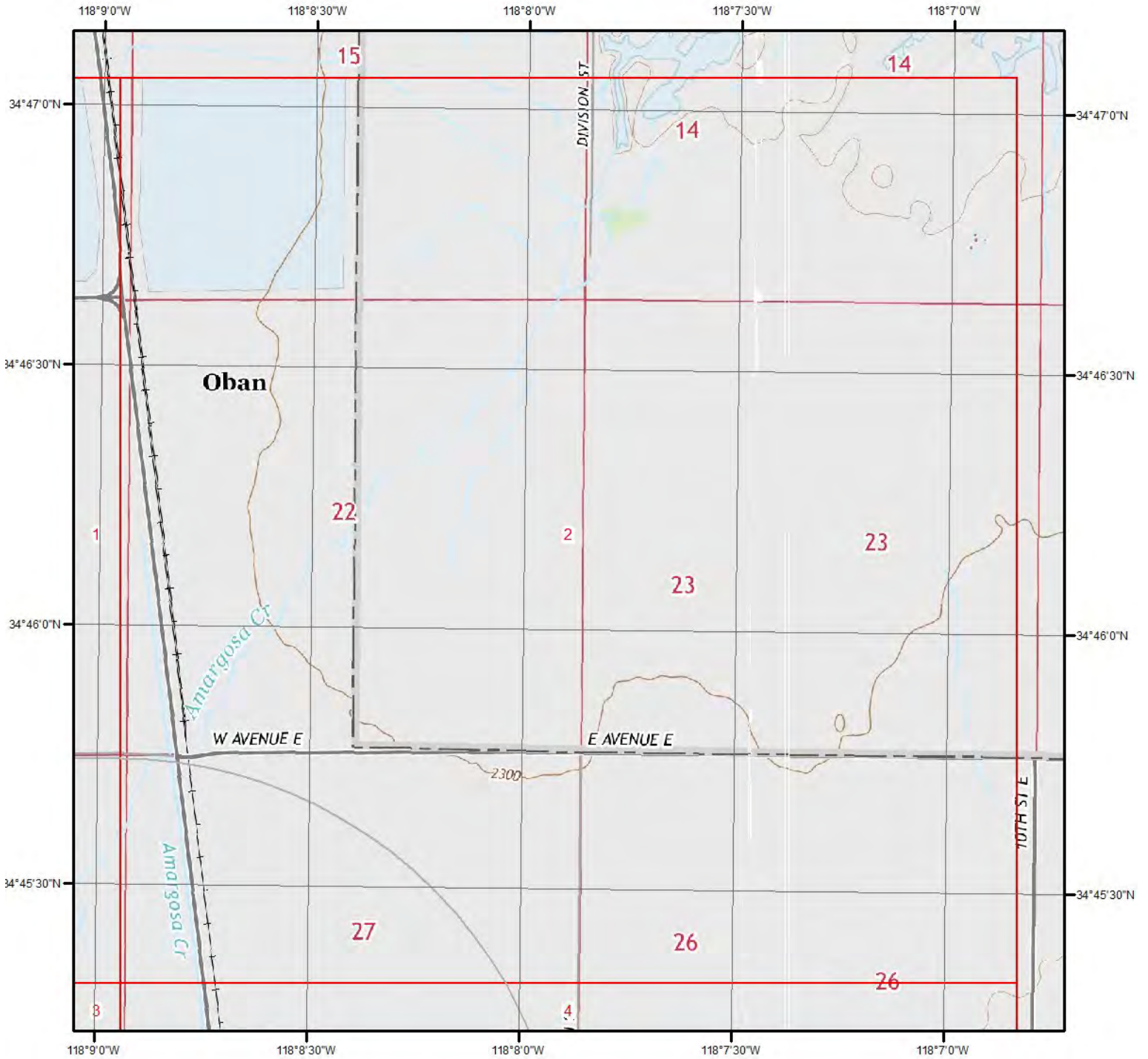


**Quadrangle(s): Rosamond, CA**

Source: USGS 7.5 Minute Topographic Map



# Topographic Information



## Current USGS Topo - Page 2

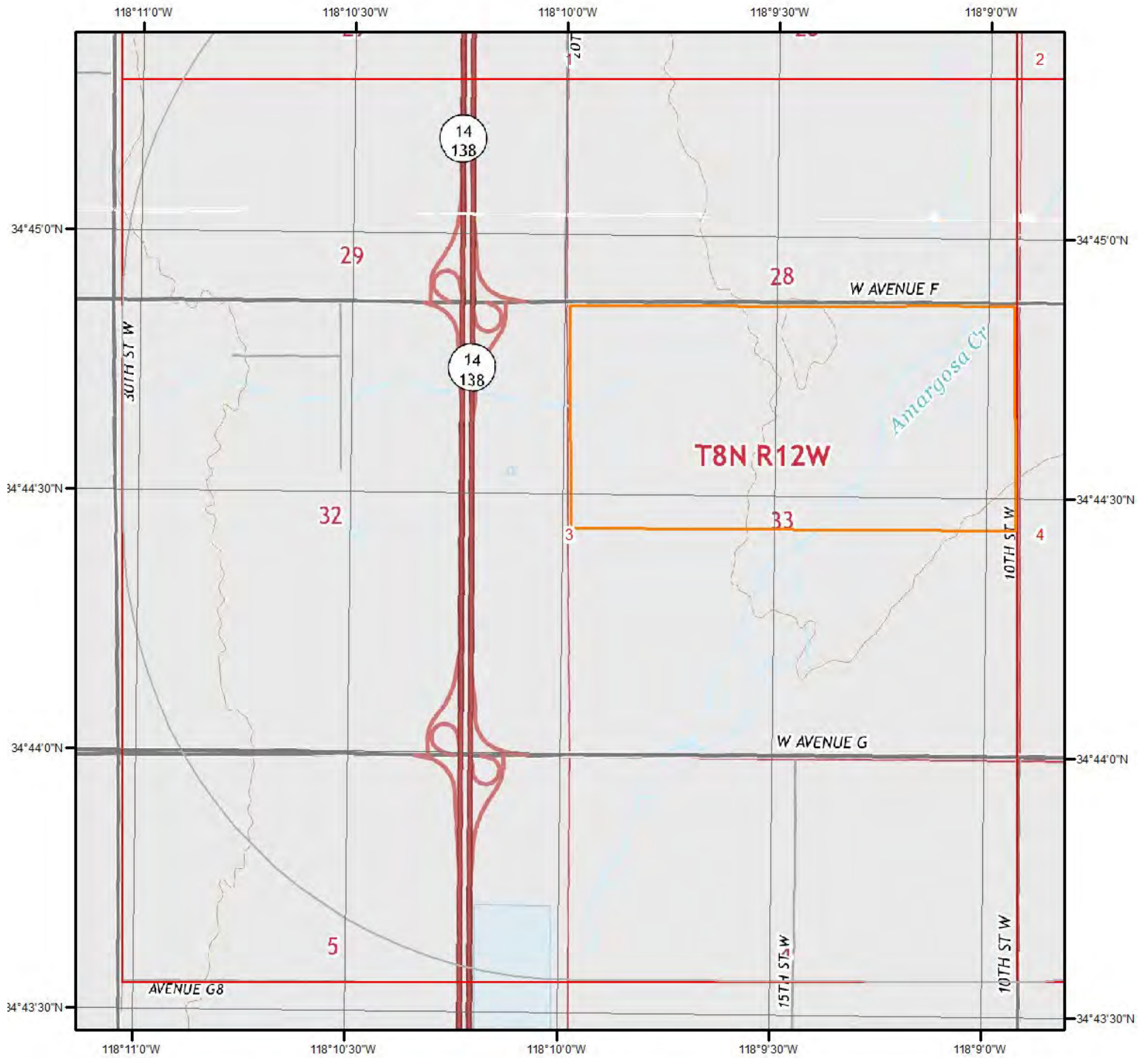


Quadrangle(s): Rosamond,CA; Rosamond Lake,CA

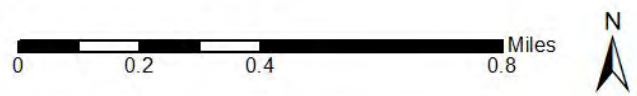
Source: USGS 7.5 Minute Topographic Map



# Topographic Information



**Current USGS Topo - Page 3**



**Quadrangle(s): Lancaster West, CA; Rosamond, CA**

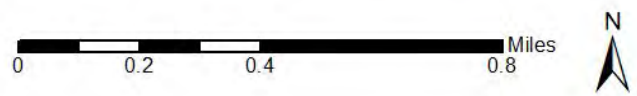
Source: USGS 7.5 Minute Topographic Map



# Topographic Information



Current USGS Topo - Page 4



Quadrangle(s): Lancaster East,CA; Lancaster West,CA; Rosamond,CA:  
Rosamond Lake,CA

Source: USGS 7.5 Minute Topographic Map

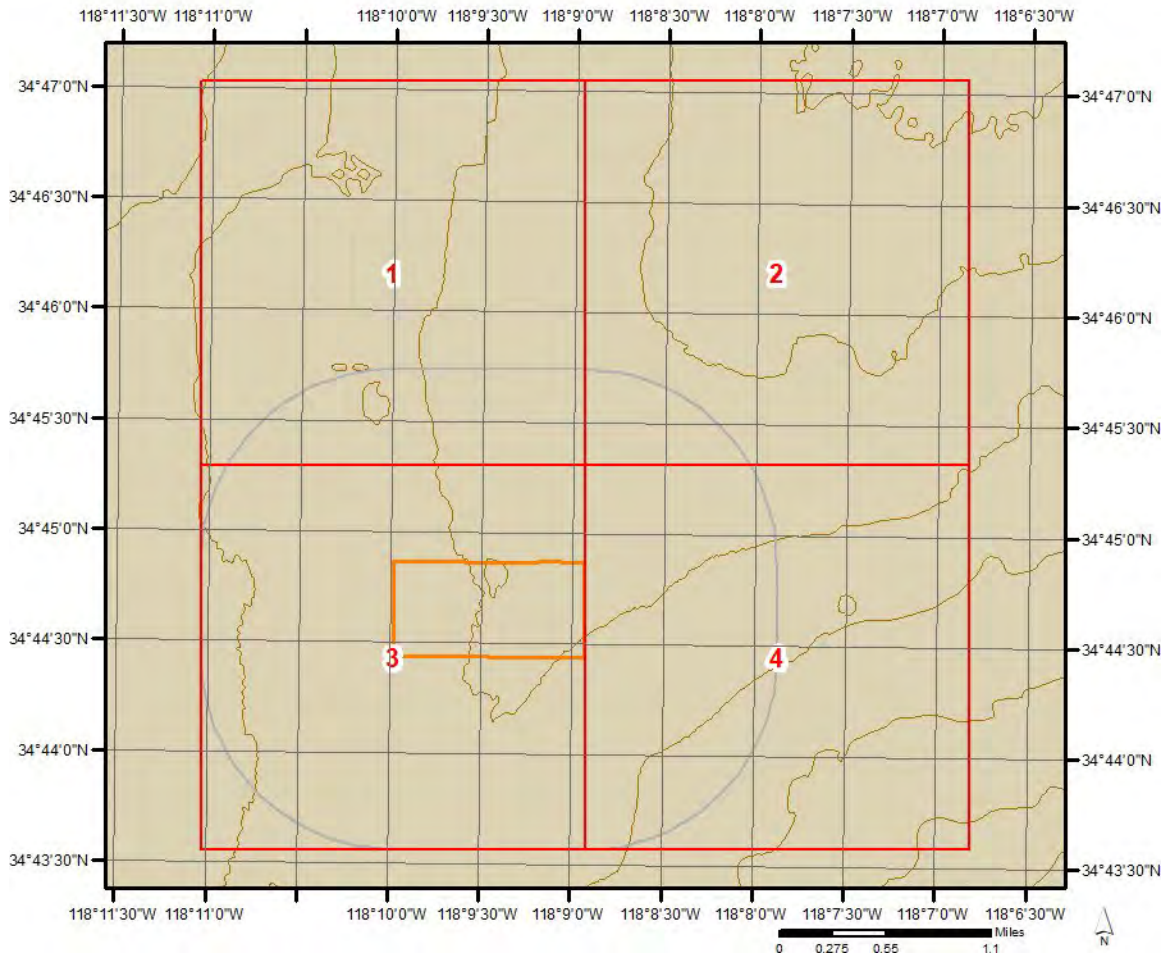


# Topographic Information

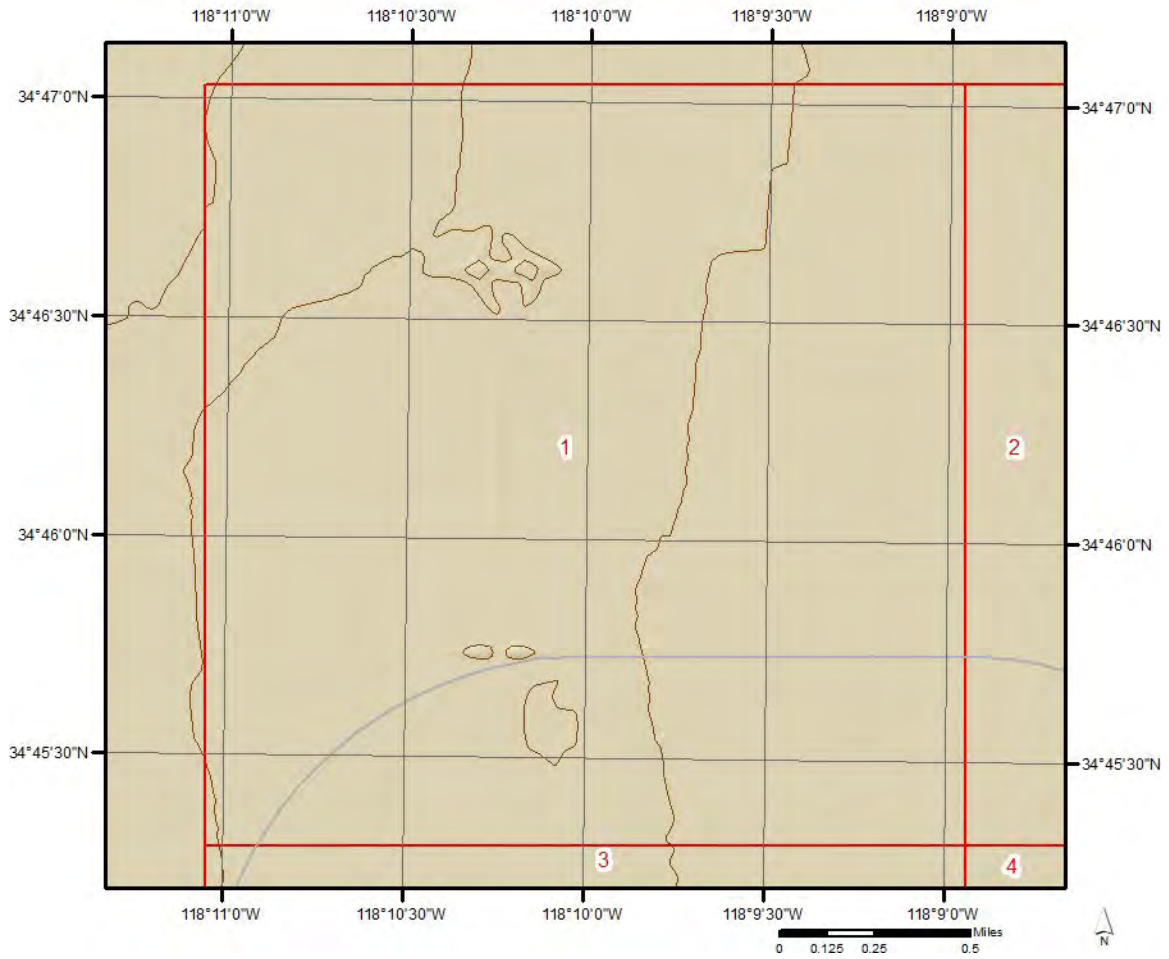
The previous topographic map(s) are created by seamlessly merging and cutting current USGS topographic data. Below are shaded relief map(s), derived from USGS elevation data to show surrounding topography in further detail.

Topographic information at project property:

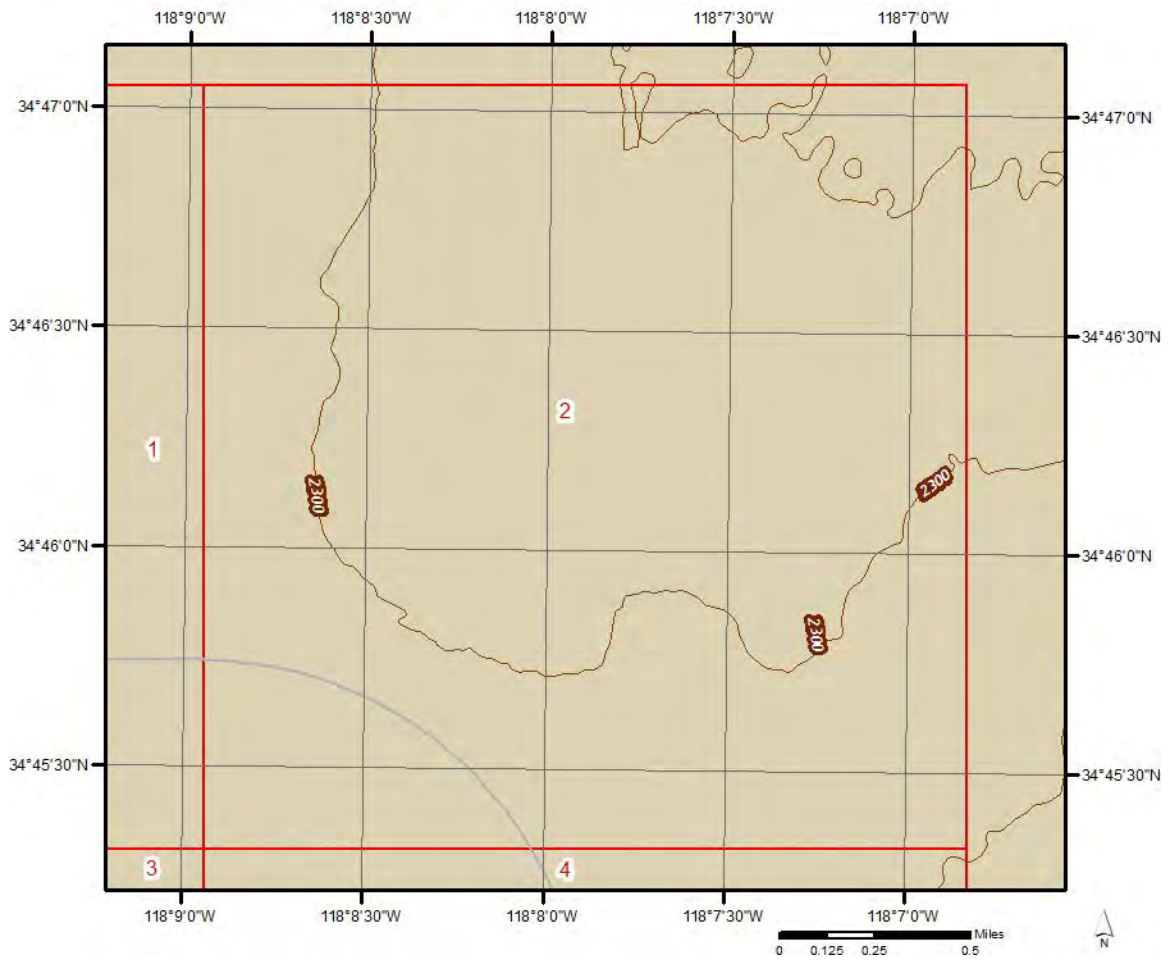
Elevation: 2,309.28 ft  
Slope Direction: NE



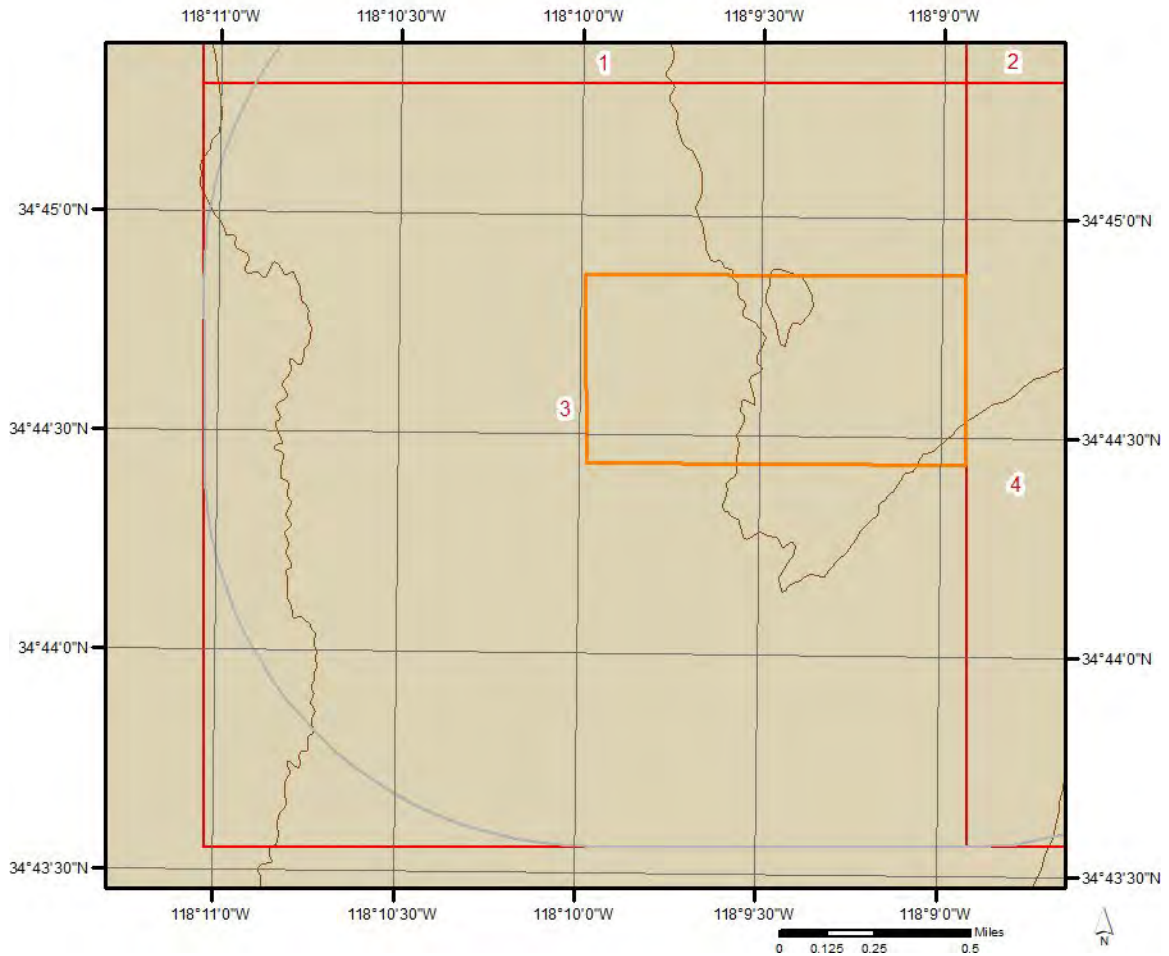
# Topographic Information



# Topographic Information

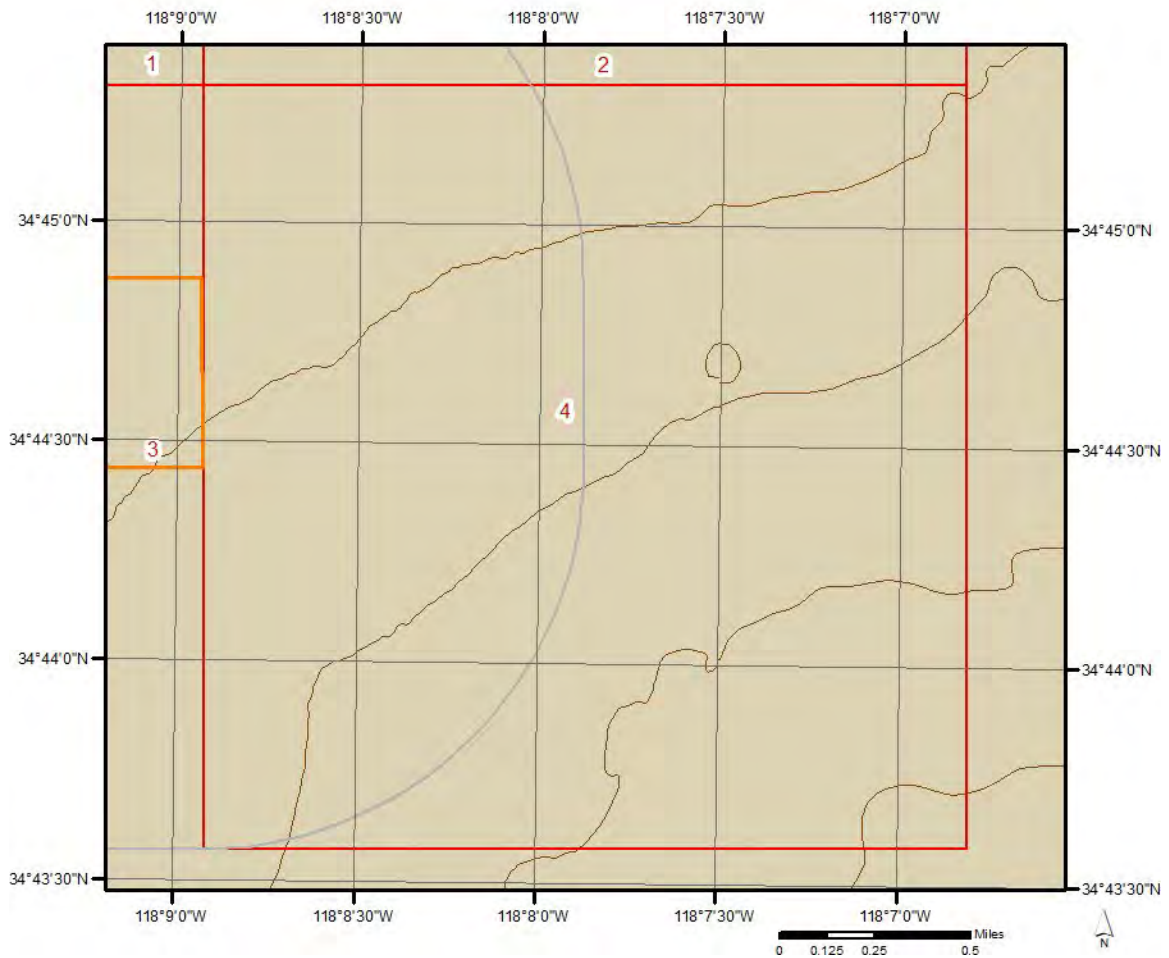


# Topographic Information

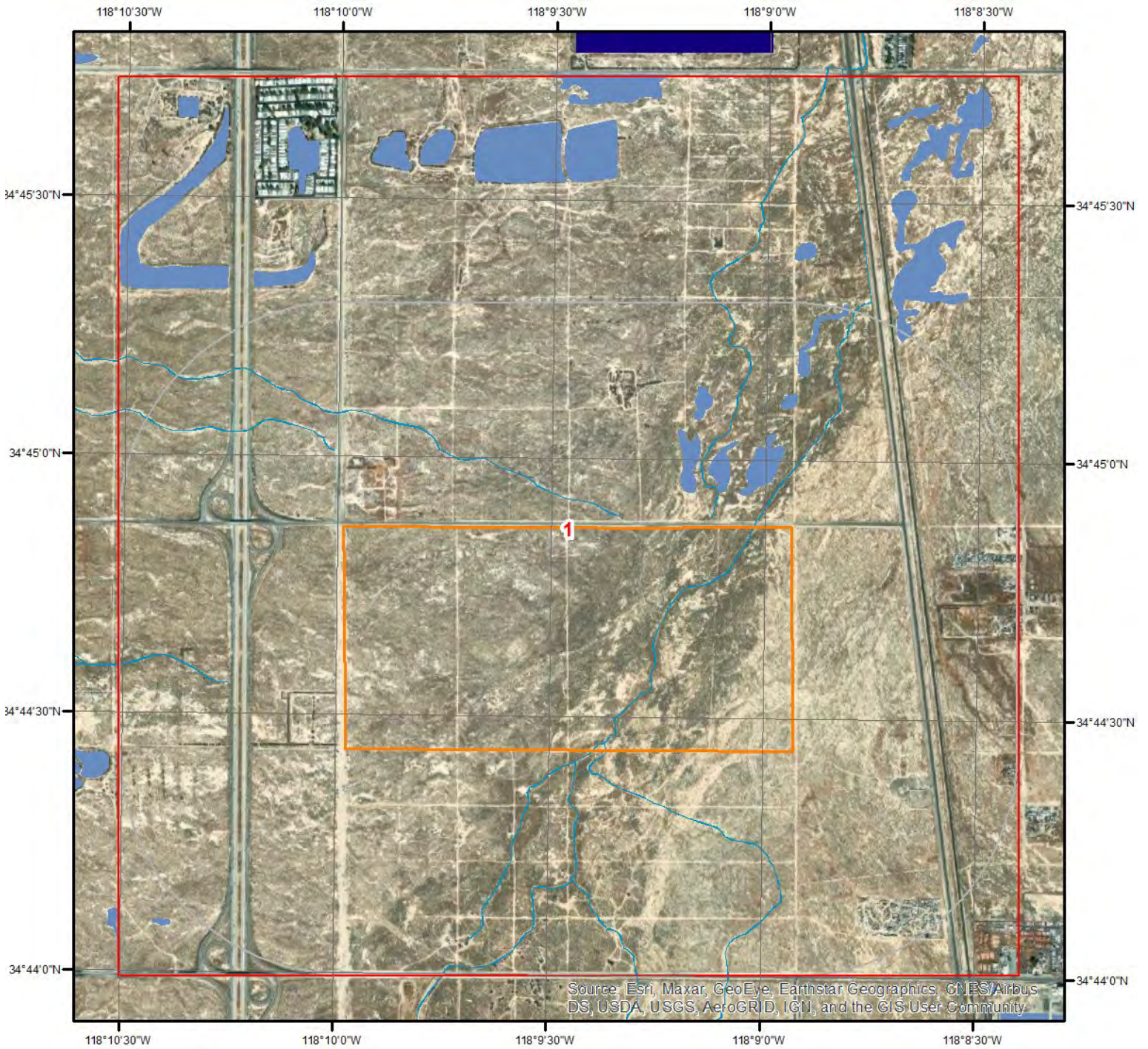




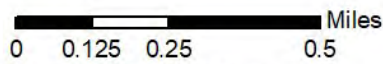
# Topographic Information



# Hydrologic Information



## Wetland

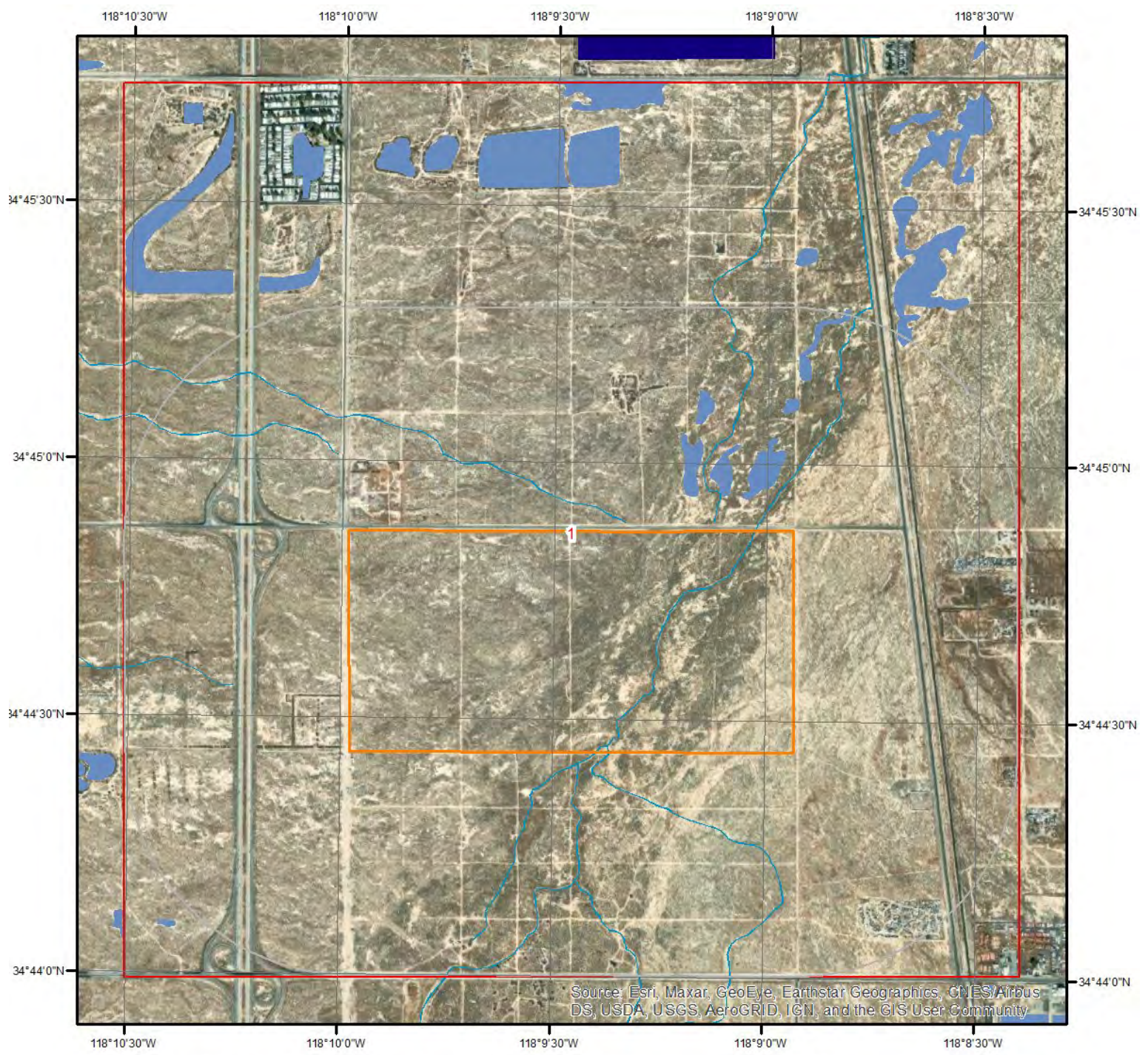


This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

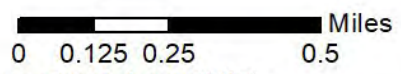
- |   |   |
|---|---|
|  Estuarine and Marine Deepwater    |  Freshwater Pond |
|  Estuarine and Marine Wetland      |  Lake            |
|  Freshwater Emergent Wetland       |  Other           |
|  Freshwater Forested/Shrub Wetland |  Riverine        |










# Hydrologic Information



## Wetland Type - Page 1

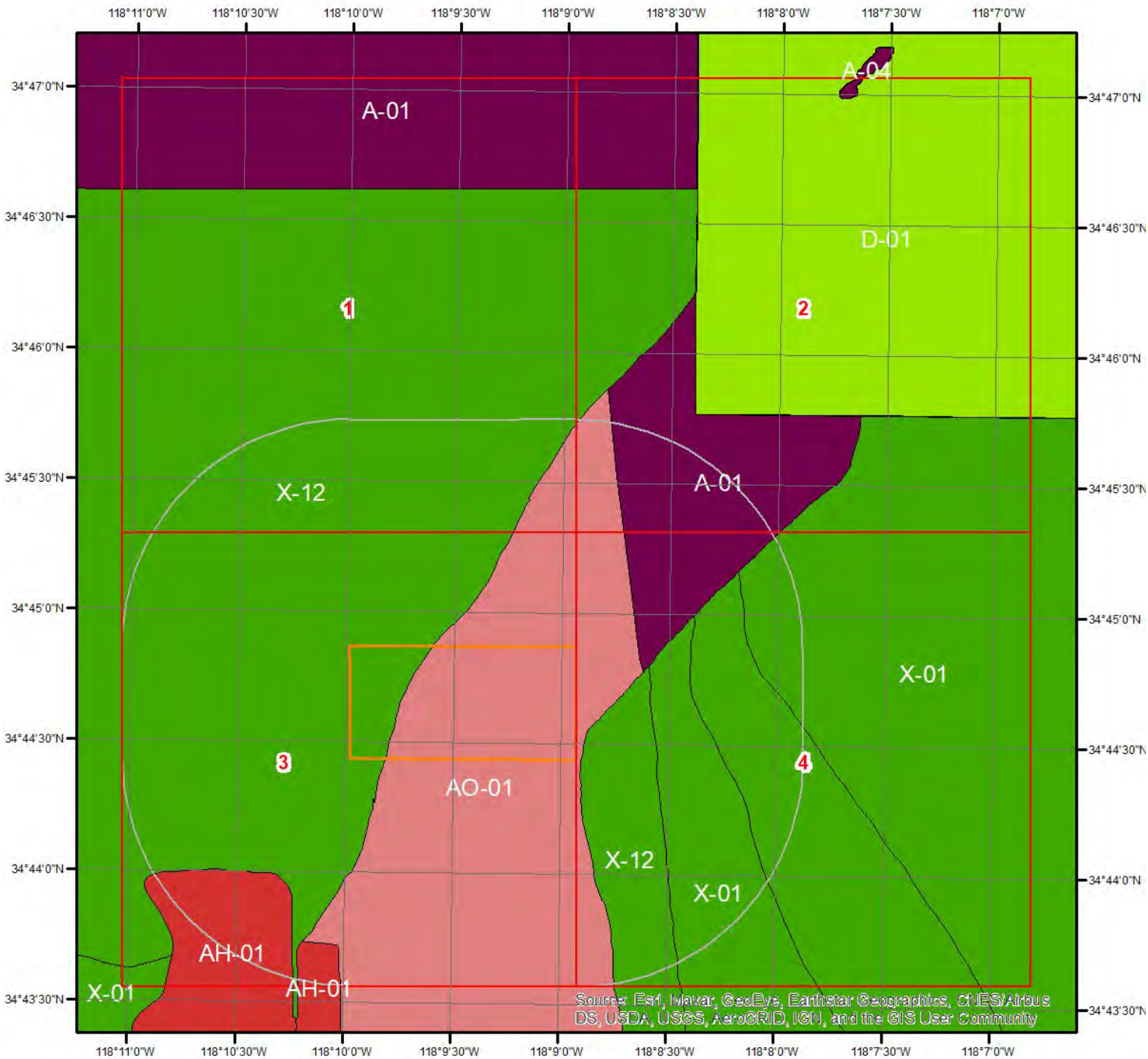


This map shows wetland existence using data from US Fish & Wildlife. Data coverage is shown to the right. Gray indicates no data available in the area.

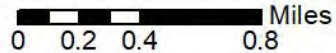
- |   |   |
|---|---|
|  Estuarine and Marine Deepwater    |  Freshwater Pond |
|  Estuarine and Marine Wetland      |  Lake            |
|  Freshwater Emergent Wetland       |  Other           |
|  Freshwater Forested/Shrub Wetland |  Riverine        |



# Hydrologic Information

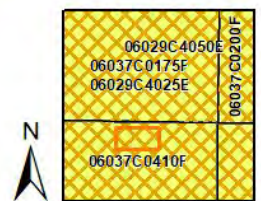


## Flood Hazard Zones



This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

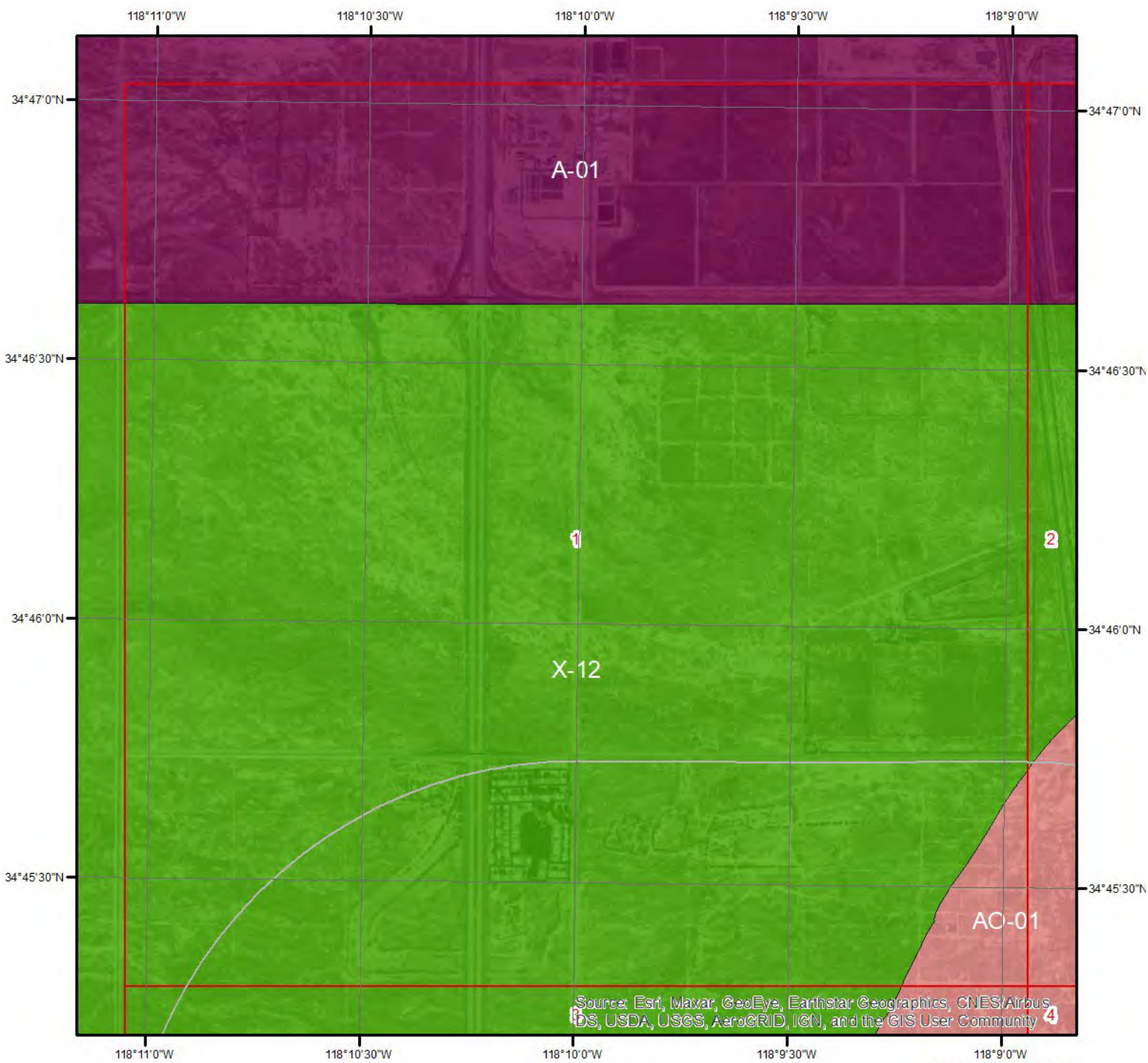
- |     |    |                   |
|-----|----|-------------------|
| A   | AO | X                 |
| A99 | V  | OPEN WATER        |
| AE  | VE | NOT POPULATED     |
| AH  | D  | AREA NOT INCLUDED |



**Quadrangle(s):** Del Sur, CA; Lancaster East, CA; Lancaster West, CA; Little Buttes, CA; Rosamond, CA;



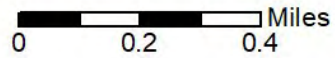
# Hydrologic Information



## Flood Hazard Zones - Page 1

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

- |   |  |   |
|---|--|---|
| <span style="display: inline-block; width: 15px; height: 15px; background-color: purple; border: 1px solid black;"></span> A    | <span style="display: inline-block; width: 15px; height: 15px; background-color: #f08080; border: 1px solid black;"></span> AO | <span style="display: inline-block; width: 15px; height: 15px; background-color: green; border: 1px solid black;"></span> X                 |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: #800000; border: 1px solid black;"></span> A99 | <span style="display: inline-block; width: 15px; height: 15px; background-color: #ffd700; border: 1px solid black;"></span> V  | <span style="display: inline-block; width: 15px; height: 15px; background-color: lightblue; border: 1px solid black;"></span> OPEN WATER    |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: red; border: 1px solid black;"></span> AE      | <span style="display: inline-block; width: 15px; height: 15px; background-color: #8b4513; border: 1px solid black;"></span> VE | <span style="display: inline-block; width: 15px; height: 15px; background-color: gray; border: 1px solid black;"></span> NOT POPULATED      |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: #ff4500; border: 1px solid black;"></span> AH  | <span style="display: inline-block; width: 15px; height: 15px; background-color: #90ee90; border: 1px solid black;"></span> D  | <span style="display: inline-block; width: 15px; height: 15px; background-color: black; border: 1px solid black;"></span> AREA NOT INCLUDED |



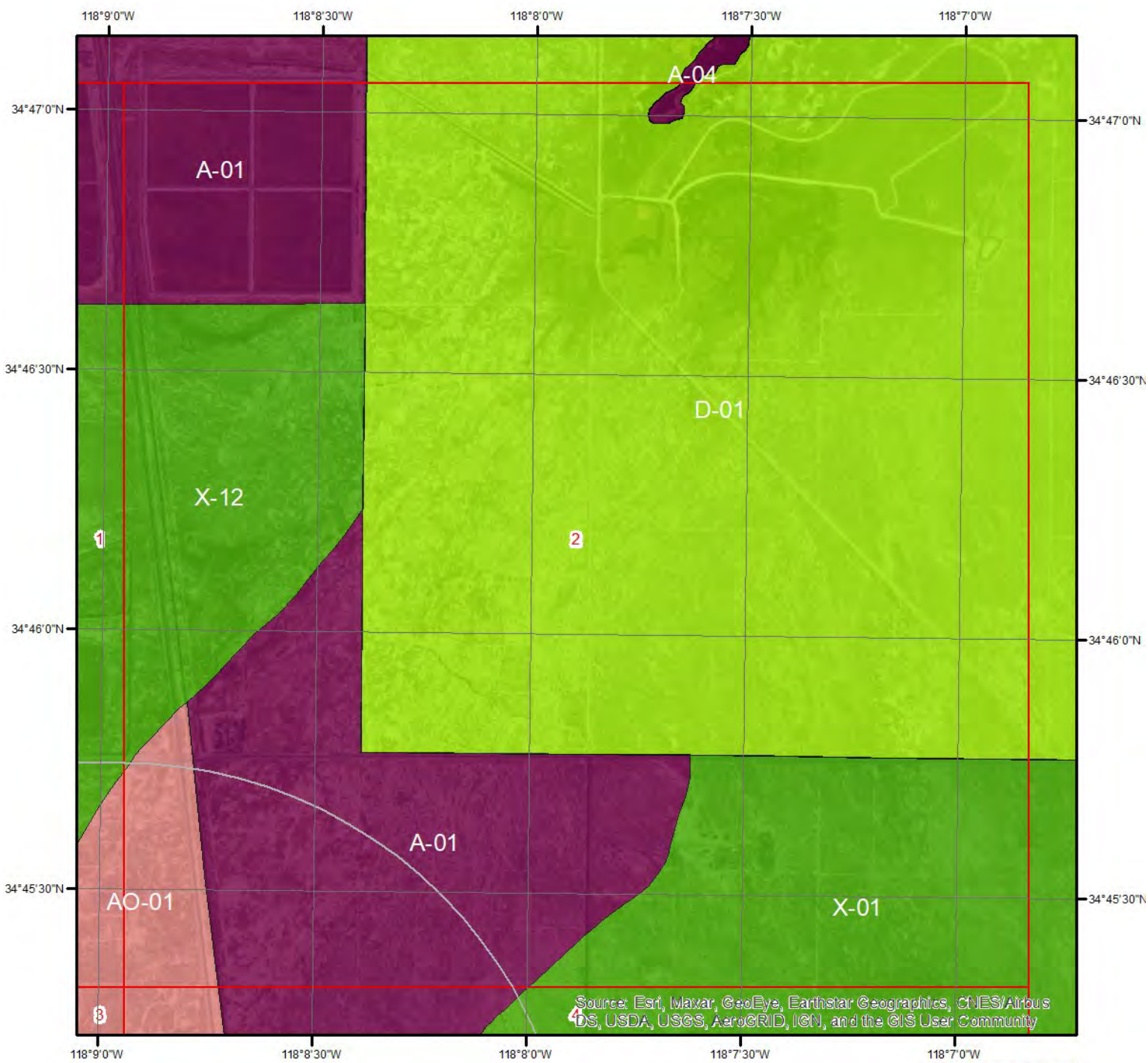
N

06037C0175F  
06029C4025E

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



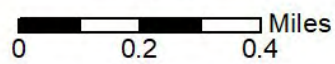
# Hydrologic Information



## Flood Hazard Zones - Page 2

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

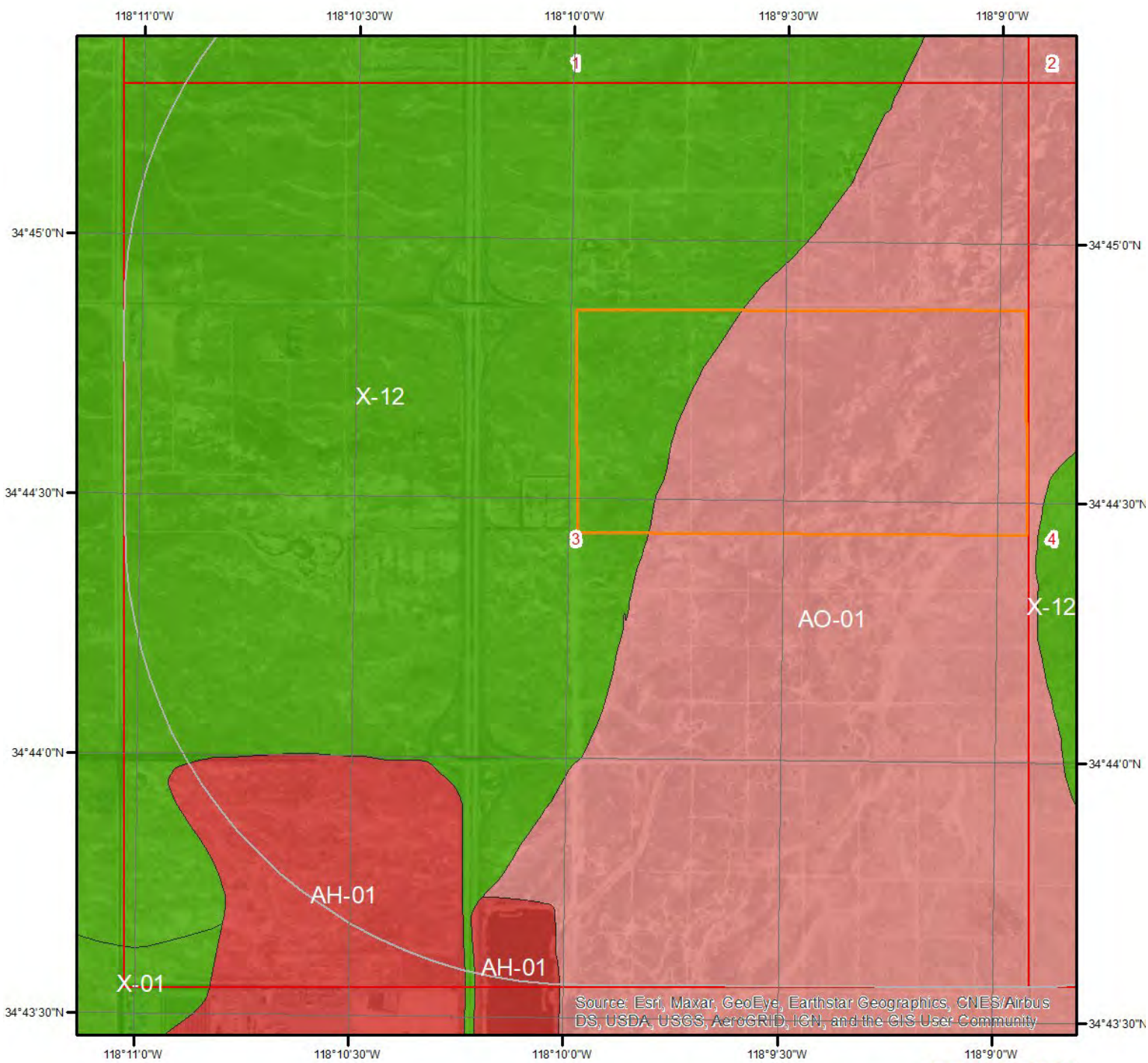
- |   |  |   |
|---|--|---|
| <span style="display: inline-block; width: 15px; height: 15px; background-color: #800080; border: 1px solid black;"></span> A   | <span style="display: inline-block; width: 15px; height: 15px; background-color: #f08080; border: 1px solid black;"></span> AO | <span style="display: inline-block; width: 15px; height: 15px; background-color: #32cd32; border: 1px solid black;"></span> X                 |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: #a52a2a; border: 1px solid black;"></span> A99 | <span style="display: inline-block; width: 15px; height: 15px; background-color: #ffd700; border: 1px solid black;"></span> V  | <span style="display: inline-block; width: 15px; height: 15px; background-color: #add8e6; border: 1px solid black;"></span> OPEN WATER        |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: #ff0000; border: 1px solid black;"></span> AE  | <span style="display: inline-block; width: 15px; height: 15px; background-color: #a0522d; border: 1px solid black;"></span> VE | <span style="display: inline-block; width: 15px; height: 15px; background-color: #808080; border: 1px solid black;"></span> NOT POPULATED     |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: #ff4500; border: 1px solid black;"></span> AH  | <span style="display: inline-block; width: 15px; height: 15px; background-color: #90ee90; border: 1px solid black;"></span> D  | <span style="display: inline-block; width: 15px; height: 15px; background-color: #000000; border: 1px solid black;"></span> AREA NOT INCLUDED |



**Quadrangle(s): Rosamond, CA; Rosamond Lake, CA**



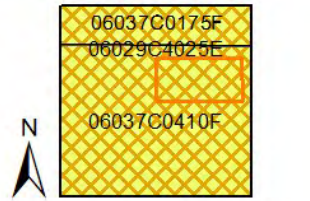
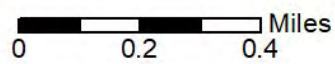
# Hydrologic Information



## Flood Hazard Zones - Page 3

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

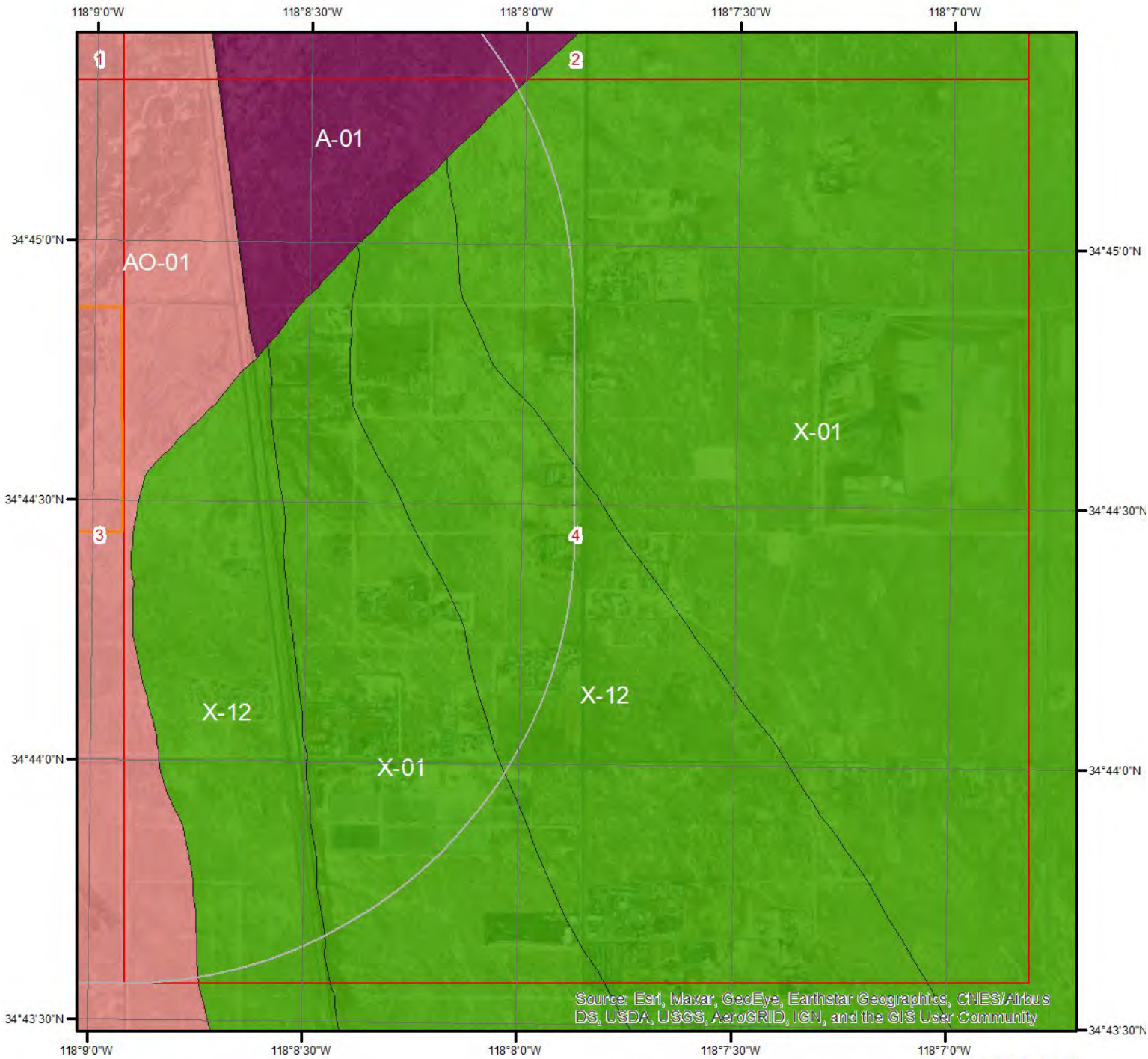
- |     |    |                   |
|-----|----|-------------------|
| A   | AO | X                 |
| A99 | V  | OPEN WATER        |
| AE  | VE | NOT POPULATED     |
| AH  | D  | AREA NOT INCLUDED |



Quadrangle(s): Lancaster West, CA; Rosamond, CA



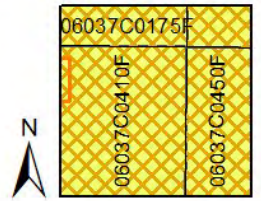
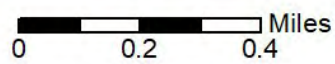
# Hydrologic Information



## Flood Hazard Zones - Page 4

This map shows FEMA flood hazard zones. FIRM panels are shown to the right, and blank indicates no data is available.

- |   |  |   |
|---|--|---|
| <span style="display: inline-block; width: 15px; height: 15px; background-color: #660066; border: 1px solid black;"></span> A   | <span style="display: inline-block; width: 15px; height: 15px; background-color: #f08080; border: 1px solid black;"></span> AO | <span style="display: inline-block; width: 15px; height: 15px; background-color: #008000; border: 1px solid black;"></span> X                 |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: #800000; border: 1px solid black;"></span> A99 | <span style="display: inline-block; width: 15px; height: 15px; background-color: #ffd700; border: 1px solid black;"></span> V  | <span style="display: inline-block; width: 15px; height: 15px; background-color: #add8e6; border: 1px solid black;"></span> OPEN WATER        |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: #ff0000; border: 1px solid black;"></span> AE  | <span style="display: inline-block; width: 15px; height: 15px; background-color: #a0522d; border: 1px solid black;"></span> VE | <span style="display: inline-block; width: 15px; height: 15px; background-color: #808080; border: 1px solid black;"></span> NOT POPULATED     |
| <span style="display: inline-block; width: 15px; height: 15px; background-color: #ff6347; border: 1px solid black;"></span> AH  | <span style="display: inline-block; width: 15px; height: 15px; background-color: #90ee90; border: 1px solid black;"></span> D  | <span style="display: inline-block; width: 15px; height: 15px; background-color: #000000; border: 1px solid black;"></span> AREA NOT INCLUDED |



**Quadrangle(s):** Lancaster East, CA;  
Lancaster West, CA; Rosamond, CA;





## Hydrologic Information

The Wetland Type map shows wetland existence overlaid on an aerial imagery. The Flood Hazard Zones map shows FEMA flood hazard zones overlaid on an aerial imagery. Relevant FIRM panels and detailed zone information is provided below. For detailed Zone descriptions please click the link: <https://floodadvocate.com/fema-zone-definitions>

---

Available FIRM Panels in area: 06029C4025E(effective:2008-09-26) 06037C0175F(effective:2008-09-26)  
06037C0410F(effective:2008-09-26)

---

### Flood Zone A-01

Zone: A  
Zone subtype:

---

### Flood Zone AH-01

Zone: AH  
Zone subtype:

---

### Flood Zone AO-01

Zone: AO  
Zone subtype:

---

### Flood Zone X-01

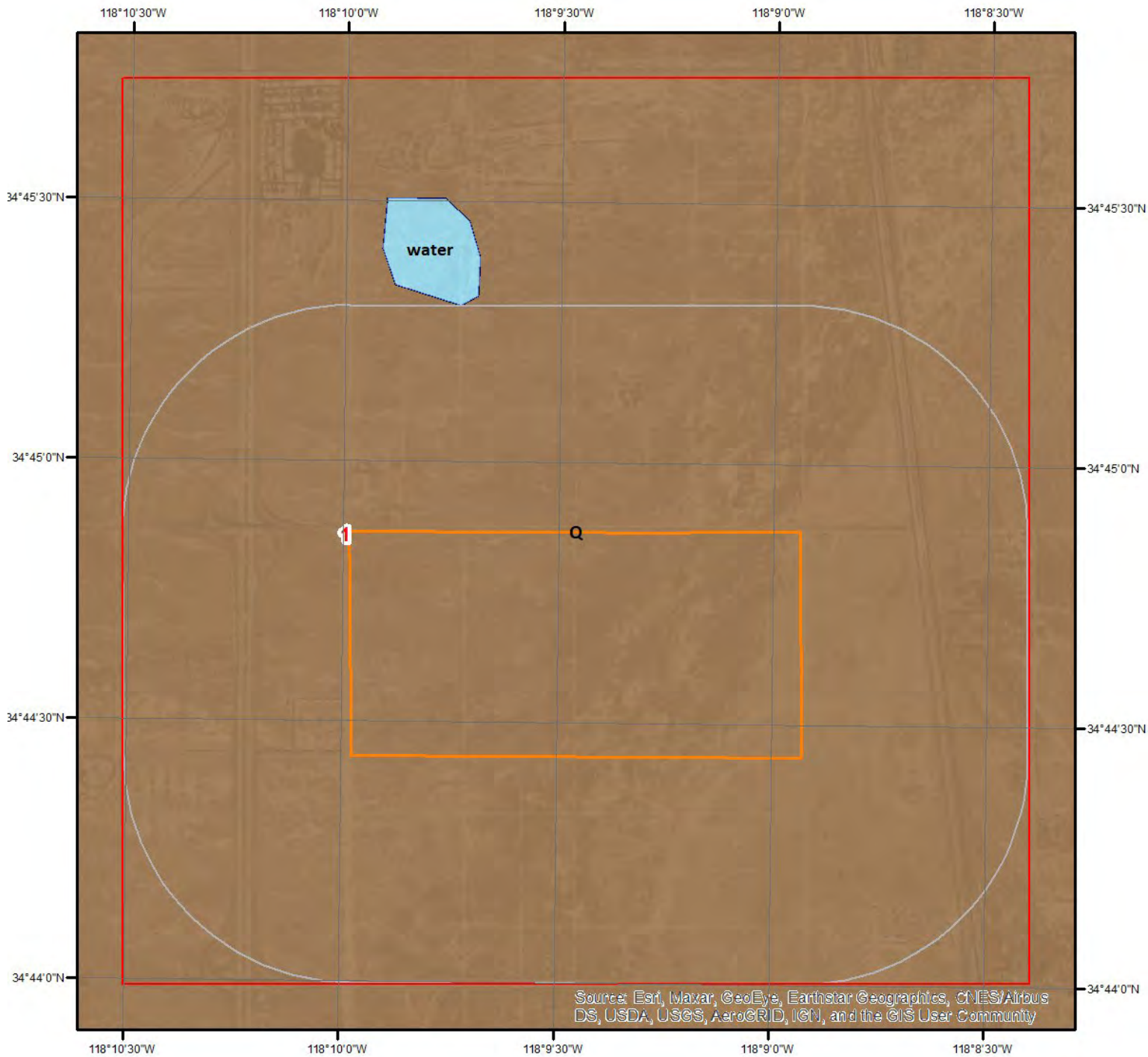
Zone: X  
Zone subtype: 0.2 PCT ANNUAL CHANCE FLOOD HAZARD

---

### Flood Zone X-12

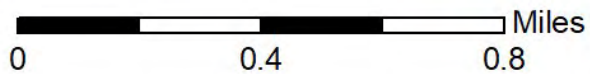
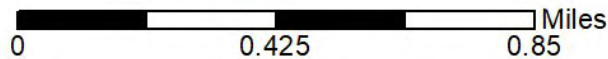
Zone: X  
Zone subtype: AREA OF MINIMAL FLOOD HAZARD

# Geologic Information

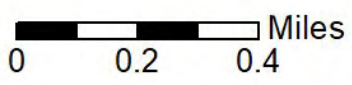
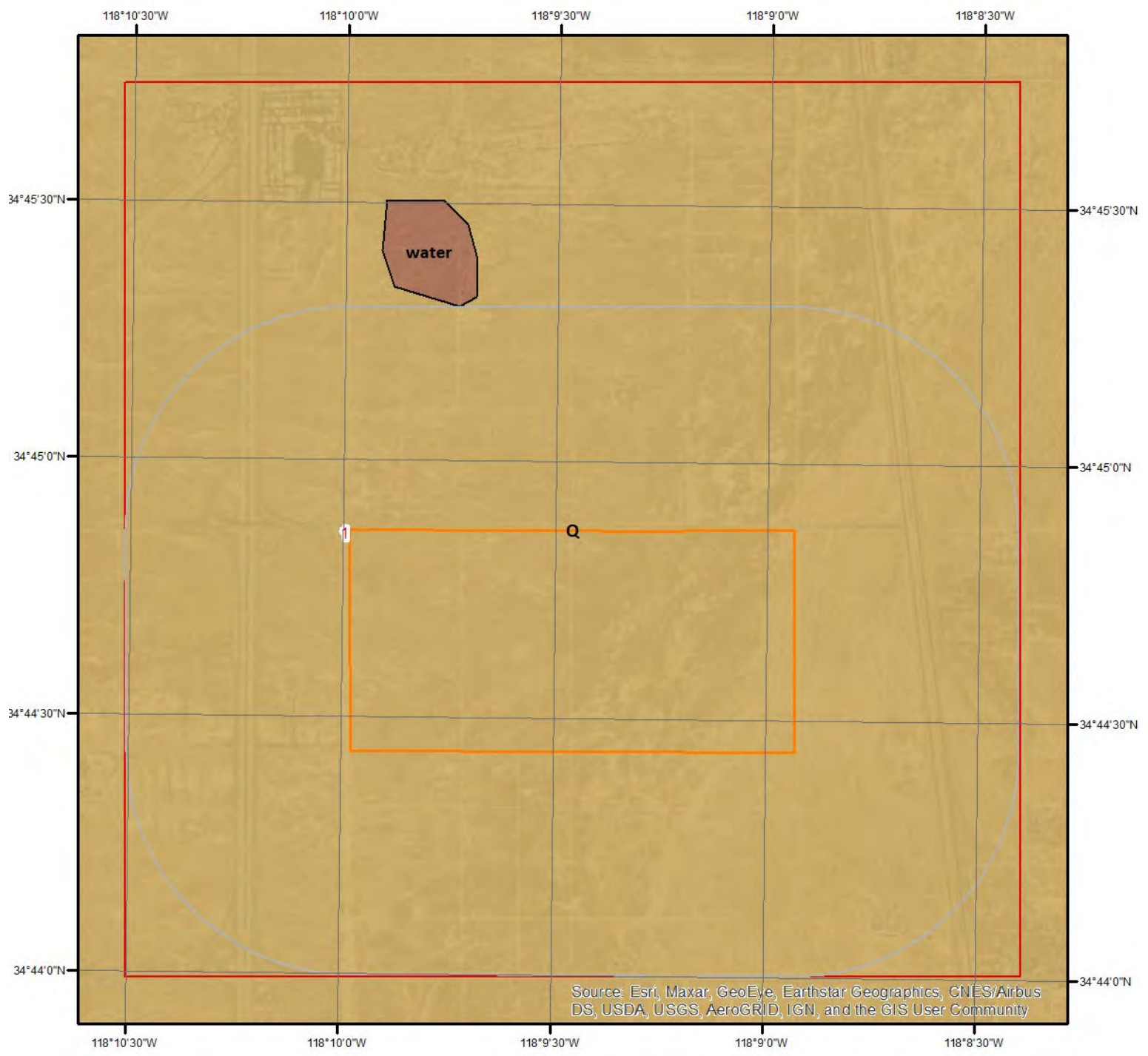


## Geologic Units

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



# Geologic Information



## Geologic Units - Page 1

This maps shows geologic units in the area. Please refer to the report for detailed descriptions.



## Geologic Information

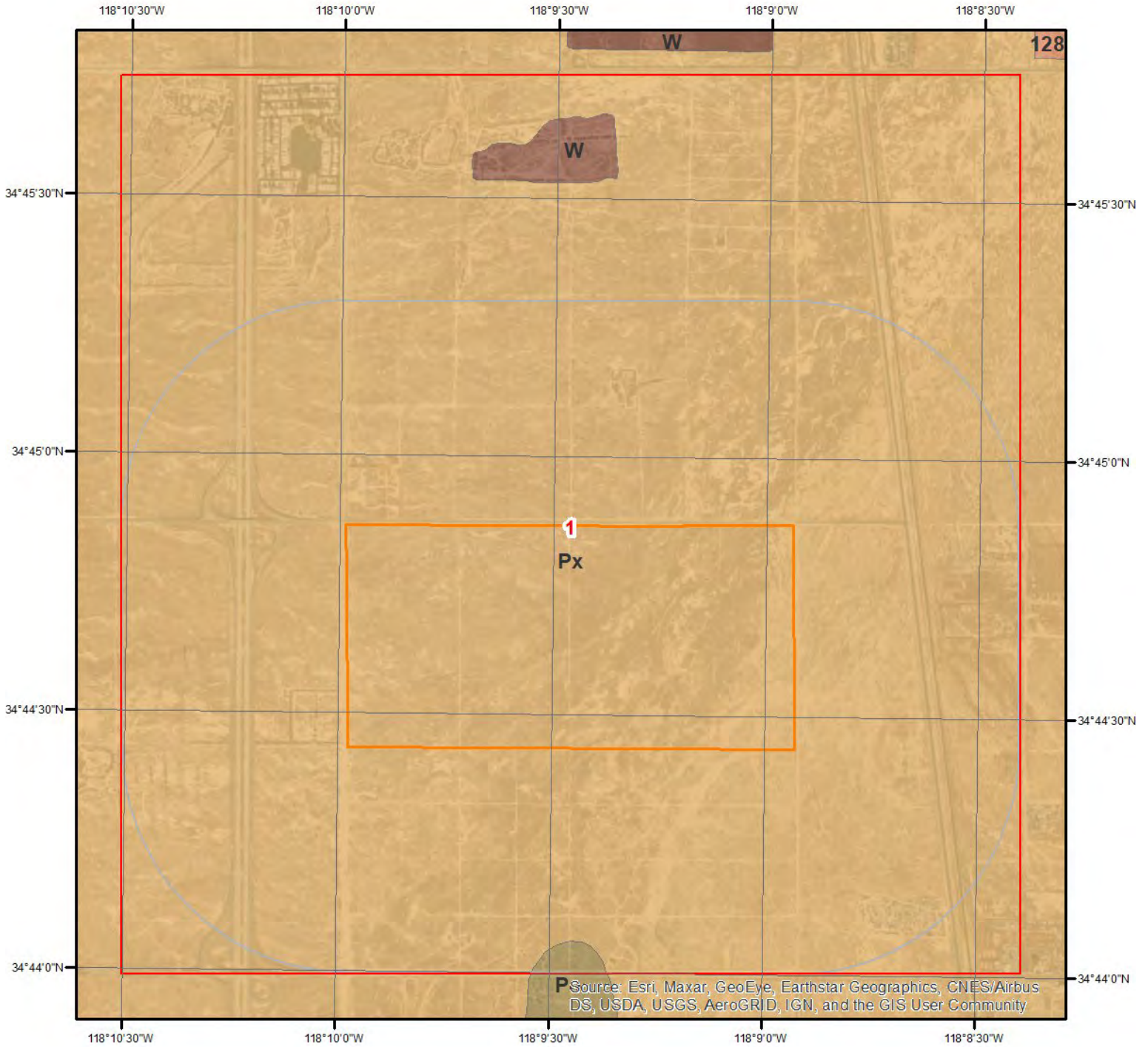
The previous page shows USGS geology information. Detailed information about each unit is provided below.

---

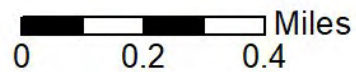
### Geologic Unit Q

Unit Name:	Quaternary alluvium and marine deposits
Unit Age:	Pliocene to Holocene
Primary Rock Type:	alluvium
Secondary Rock Type:	terrace
Unit Description:	Alluvium, lake, playa, and terrace deposits; unconsolidated and semi-consolidated. Mostly nonmarine, but includes marine deposits near the coast.

# Soil Information



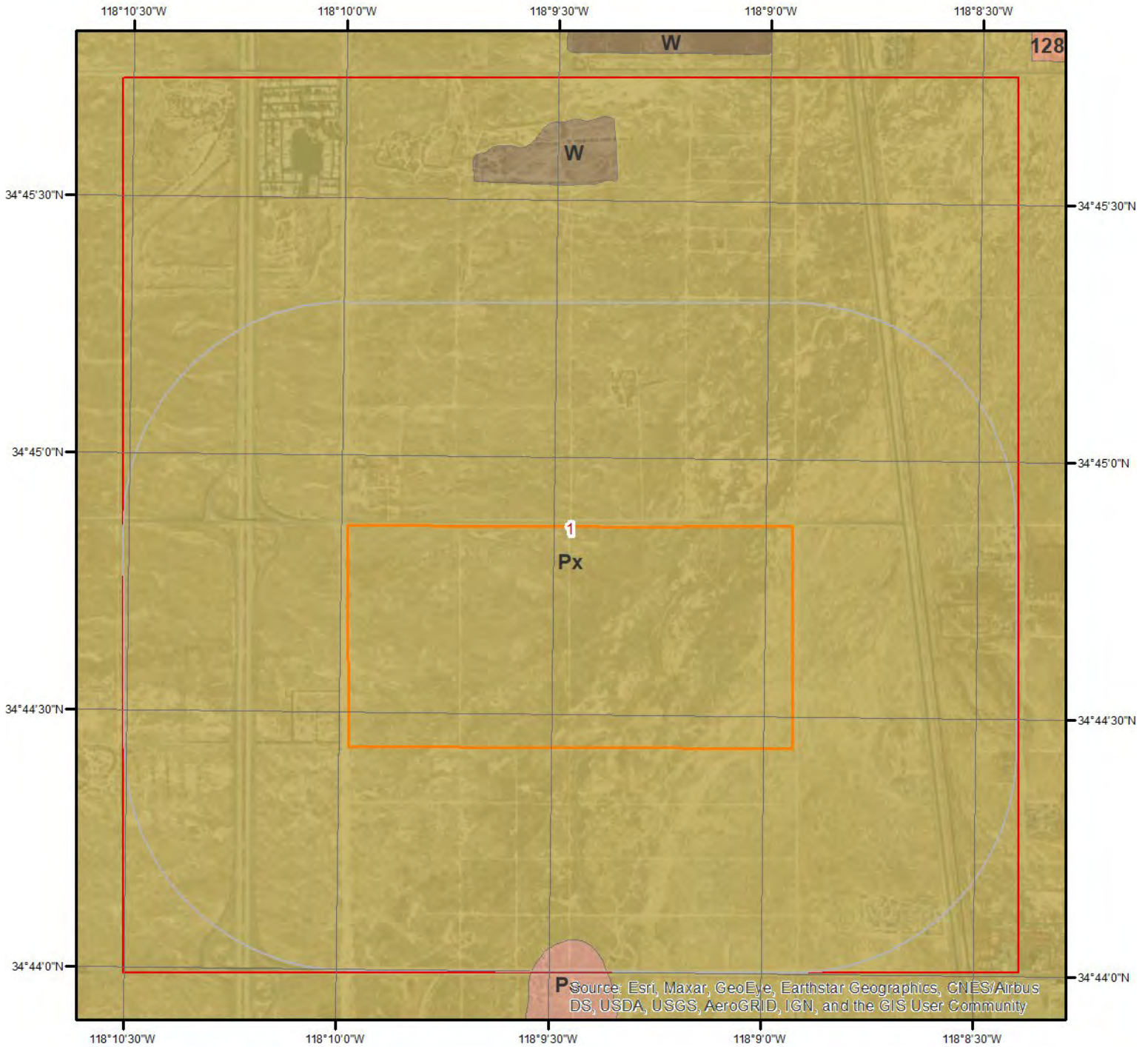
## SSURGO Soils



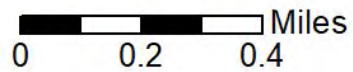
This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.



# Soil Information



## SSURGO Soils - Page 1



This maps shows SSURGO soil units around the target property. Please refer to the report for detailed soil descriptions.



## Soil Information

The previous page shows a soil map using SSURGO data from USDA Natural Resources Conservation Service. Detailed information about each unit is provided below.

### Map Unit Po (12.33%)

Map Unit Name:	Pond loam
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Pond(85%)

horizon H1(0cm to 10cm)	Loam
horizon H2(10cm to 61cm)	Clay loam
horizon H3(61cm to 183cm)	Silt loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Po - Pond loam

Component: Pond (85%)

The Pond component makes up 85 percent of the map unit. Slopes are 0 to 2 percent. This component is on basin floors. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is moderate. This soil is rarely flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R030XG020CA Alkali Flats 4-9" ecological site. Nonirrigated land capability classification is 7e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent. The soil has a moderately saline horizon within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 15 within 30 inches of the soil surface.

Component: Tray (10%)

Generated brief soil descriptions are created for major soil components. The Tray soil is a minor component.

Component: Unnamed (4%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

Component: Unnamed (1%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.

### Map Unit Px (87.67%)

Map Unit Name:	Pond-Oban complex
Bedrock Depth - Min:	null
Watertable Depth - Annual Min:	null
Drainage Class - Dominant:	Moderately well drained
Hydrologic Group - Dominant:	C - Soils in this group have moderately high runoff potential when thoroughly wet. Water transmission through the soil is somewhat restricted.

Major components are printed below

Pond(50%)

horizon H1(0cm to 10cm)	Fine sandy loam
horizon H2(10cm to 61cm)	Clay loam
horizon H3(61cm to 183cm)	Silt loam

## Soil Information

### Oban(30%)

horizon H1(0cm to 10cm)	Fine sandy loam
horizon H2(10cm to 64cm)	Clay loam
horizon H3(64cm to 79cm)	Clay loam
horizon H3(64cm to 79cm)	Loam
horizon H4(79cm to 135cm)	Stratified gravelly coarse sand to gravelly coarse sandy loam

### Component Description:

Minor map unit components are excluded from this report.

Map Unit: Px - Pond-Oban complex

### Component: Pond (50%)

The Pond component makes up 50 percent of the map unit. Slopes are 0 to 2 percent. This component is on basin floors. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is very low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is moderate. This soil is rarely flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R030XG020CA Alkali Flats 4-9" ecological site. Nonirrigated land capability classification is 7s. This soil meets hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent. The soil has a moderately saline horizon within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 15 within 30 inches of the soil surface.

### Component: Oban (30%)

The Oban component makes up 30 percent of the map unit. Slopes are 0 to 2 percent. This component is on basin floors. The parent material consists of alluvium derived from granite. Depth to a root restrictive layer is greater than 60 inches. The natural drainage class is moderately well drained. Water movement in the most restrictive layer is moderately low. Available water to a depth of 60 inches (or restricted depth) is low. Shrink-swell potential is moderate. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 1 percent. This component is in the R030XG020CA Alkali Flats 4-9" ecological site. Nonirrigated land capability classification is 7s. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 8 percent. The soil has a moderately saline horizon within 30 inches of the soil surface. The soil has a maximum sodium adsorption ratio of 15 within 30 inches of the soil surface.

### Component: Tray (10%)

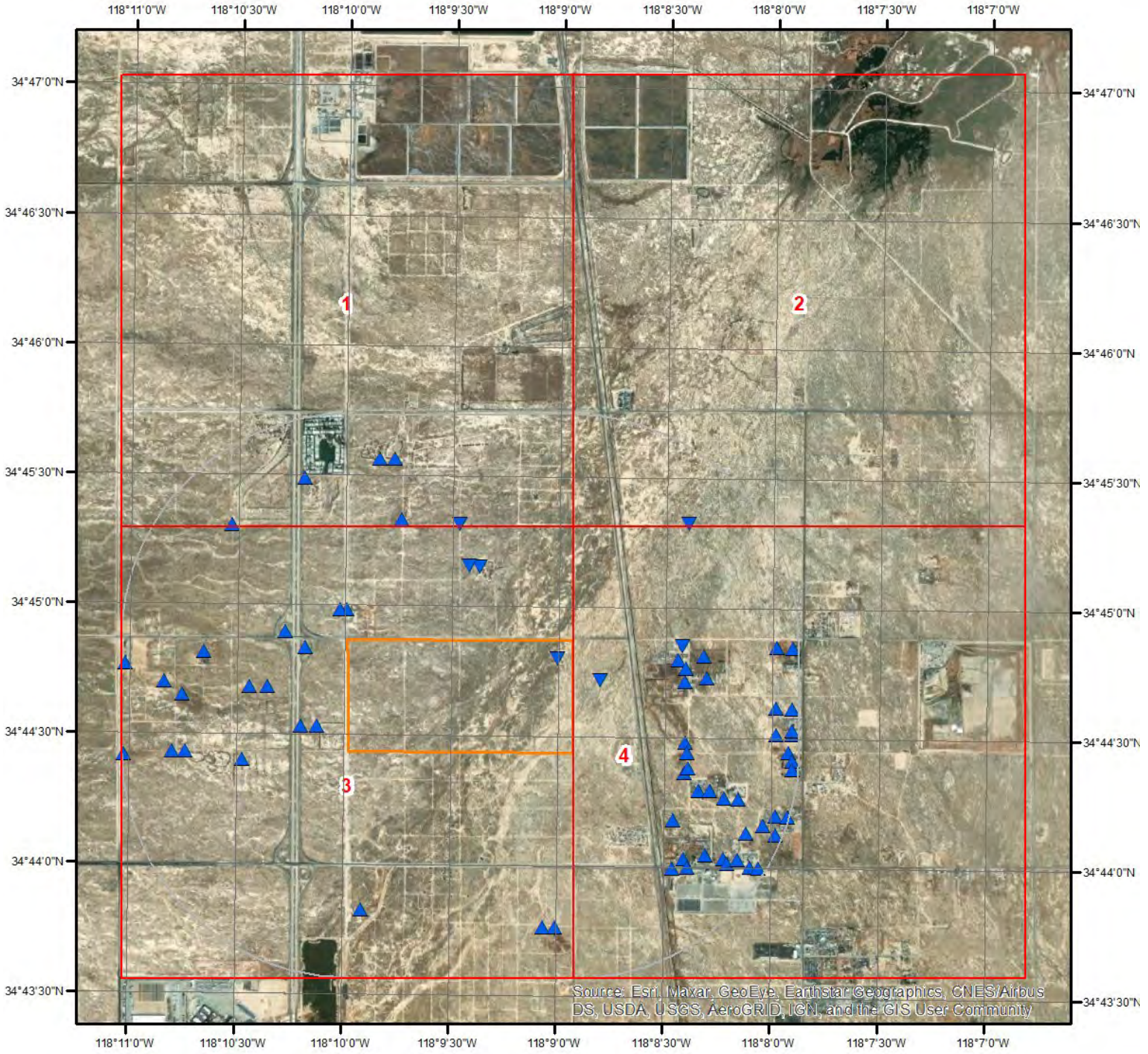
Generated brief soil descriptions are created for major soil components. The Tray soil is a minor component.

### Component: Unnamed (10%)

Generated brief soil descriptions are created for major soil components. The Unnamed soil is a minor component.



# Wells and Additional Sources



## Wells & Additional Sources



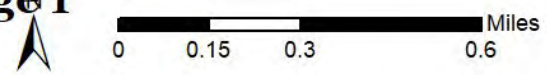
- |                                |                                    |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation  | ▲ OGW Sites with Higher Elevation  |
| ■ Sites with Same Elevation    | ■ OGW Sites with Same Elevation    |
| ▼ Sites with Lower Elevation   | ▼ OGW Sites with Lower Elevation   |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



# Wells and Additional Sources



## Wells & Additional Sources - Page 1



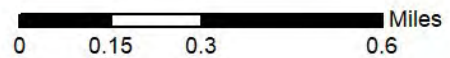
- |                                |                                    |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation  | ▲ OGW Sites with Higher Elevation  |
| ■ Sites with Same Elevation    | ■ OGW Sites with Same Elevation    |
| ▼ Sites with Lower Elevation   | ▼ OGW Sites with Lower Elevation   |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



# Wells and Additional Sources



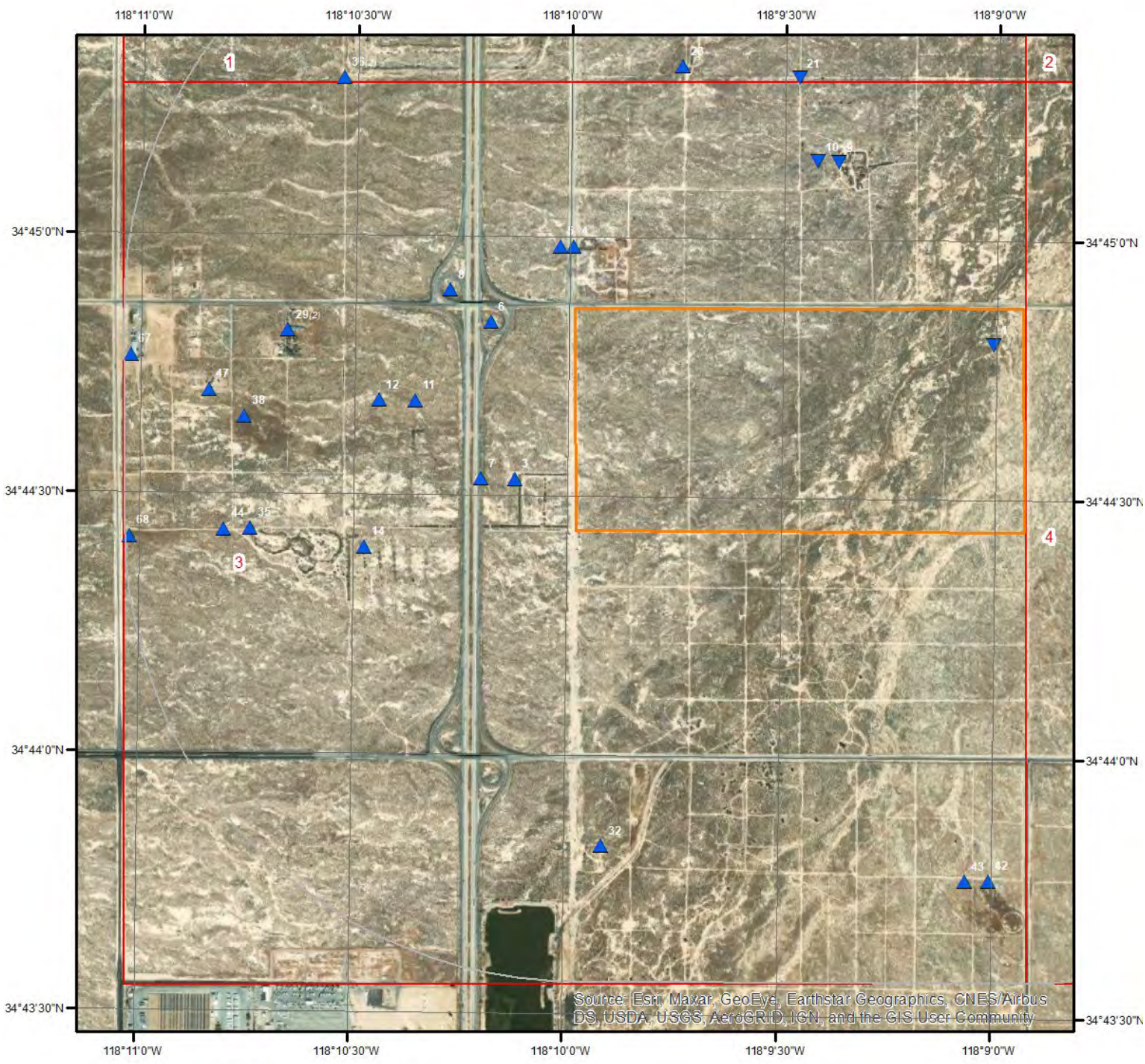
## Wells & Additional Sources - Page 2



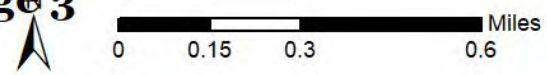
- |                                |                                    |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation  | ▲ OGW Sites with Higher Elevation  |
| ■ Sites with Same Elevation    | ■ OGW Sites with Same Elevation    |
| ▼ Sites with Lower Elevation   | ▼ OGW Sites with Lower Elevation   |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



# Wells and Additional Sources



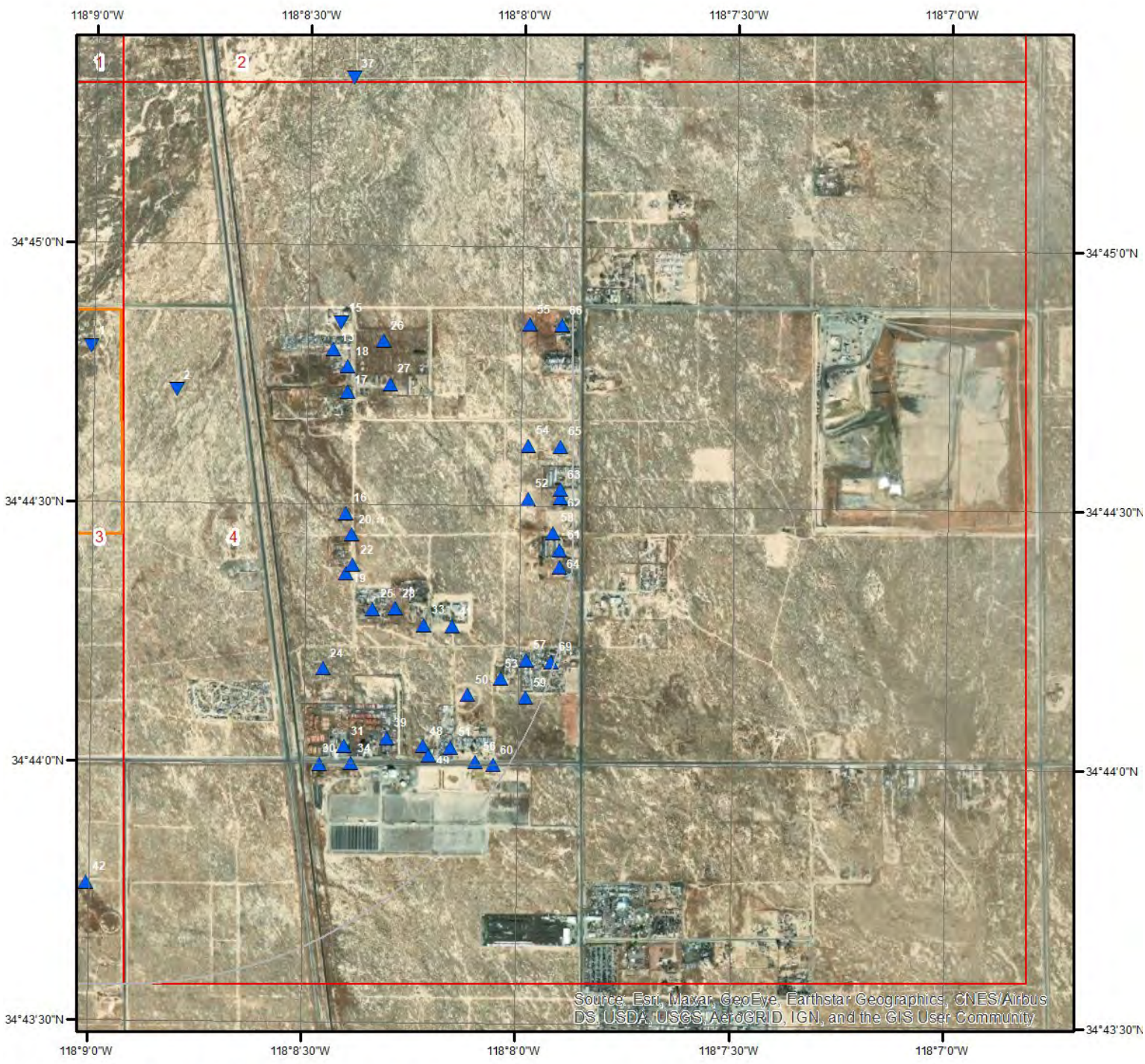
## Wells & Additional Sources - Page 3



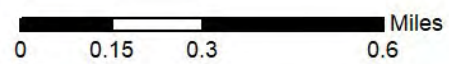
- |                                |                                    |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation  | ▲ OGW Sites with Higher Elevation  |
| ■ Sites with Same Elevation    | ■ OGW Sites with Same Elevation    |
| ▼ Sites with Lower Elevation   | ▼ OGW Sites with Lower Elevation   |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



# Wells and Additional Sources



## Wells & Additional Sources - Page 4



- |                                |                                    |
|--------------------------------|------------------------------------|
| ▲ Sites with Higher Elevation  | ▲ OGW Sites with Higher Elevation  |
| ■ Sites with Same Elevation    | ■ OGW Sites with Same Elevation    |
| ▼ Sites with Lower Elevation   | ▼ OGW Sites with Lower Elevation   |
| ○ Sites with Unknown Elevation | ● OGW Sites with Unknown Elevation |



# Wells and Additional Sources Summary

## Federal Sources

### Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
56	CA1900520	4925.91	ESE

### Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
No records found			

### USGS National Water Information System

Map Key	Monitoring Loc Identifier	Distance (ft)	Direction
1	USGS-344448118085701	0.00	-
2	USGS-344443118084501	644.82	E
3	USGS-344432118100401	717.21	WSW
4	USGS-344459118095601	722.96	NW
9	USGS-344509118091901	1710.80	N
11	USGS-344441118101801	1869.16	W
13	USGS-344448118082301	2486.81	E
14	USGS-344424118102501	2488.70	WSW
15	USGS-344451118082201	2574.22	ENE
16	USGS-344429118082101	2628.42	ESE
17	USGS-344443118082101	2647.03	E
18	USGS-344446118082101	2651.01	E
19	USGS-344422118082101	2662.03	ESE
22	USGS-344423118082001	2729.91	ESE
23	USGS-344520118094101	2836.05	NNW
24	USGS-344411118082401	2837.73	ESE
26	USGS-344449118081601	3072.10	E
27	USGS-344444118081501	3148.90	E
28	USGS-344418118081401	3318.82	ESE
29	USGS-344449118103602	3356.44	W
29	USGS-344449118103601	3356.44	W
31	USGS-344402118082101	3599.66	SE
34	USGS-344400118082001	3799.90	SE
35	USGS-344426118104101	3814.55	W
38	USGS-344439118104201	3874.80	W
39	USGS-344403118081501	3917.79	ESE
40	USGS-344500118100001	3930.48	NW
41	USGS-344416118080601	4015.90	ESE
42	USGS-344346118085701	4077.62	SSE
46	USGS-344534118094301	4252.23	NNW
47	USGS-344442118104701	4286.55	W
49	USGS-344401118080901	4441.33	ESE
51	USGS-344402118080601	4593.00	ESE
53	USGS-344410118075901	4757.74	ESE
60	USGS-344400118080001	5124.91	ESE
61	USGS-344425118075101	5130.17	E
62	USGS-344431118075101	5133.96	E
63	USGS-344432118075101	5135.28	E
64	USGS-344423118075101	5139.61	ESE
65	USGS-344437118075101	5141.88	E
66	USGS-344451118075101	5160.34	E

## Wells and Additional Sources Summary

67	USGS-344446118105801	5197.04	W
68	USGS-344425118105801	5234.56	W
69	USGS-344412118075201	5249.77	ESE

### State Sources

#### Oil and Gas Wells

Map Key	ID	Distance (ft)	Direction
No records found			

#### Periodic Groundwater Level Measurement Locations

Map Key	Site Code	Distance (ft)	Direction
5	347497N1181674W001	742.22	NW
7	347422N1181696W001	1112.30	W
10	347525N1181571W001	1718.91	N
12	347447N1181735W001	2297.58	W
25	347383N1181390W001	3068.01	ESE
30	347333N1181407W001	3555.55	SE
33	347378N1181368W001	3695.66	ESE
43	347294N1181510W001	4086.16	SSE
44	347405N1181799W001	4126.35	W
45	347594N1181638W001	4245.04	NNW
48	347339N1181368W001	4313.47	ESE
52	347419N1181326W001	4755.11	E
54	347436N1181326W001	4763.19	E
55	347475N1181326W001	4781.73	E
57	347367N1181329W001	4961.39	ESE
58	347408N1181321W001	5050.23	E
59	347355N1181326W001	5104.77	ESE

#### Well Completion Reports

Map Key	WCR No	Distance (ft)	Direction
6	WCR2020-002407	983.95	WNW
8	WCR2020-002405	1469.79	WNW
20	WCR1956-001521	2686.10	ESE
20	WCR1967-002089	2686.10	ESE
20	WCR1997-010862	2686.10	ESE
20	WCR0218433	2686.10	ESE
20	WCR1971-002446	2686.10	ESE
20	WCR1954-001884	2686.10	ESE
20	WCR1971-002148	2686.10	ESE
20	WCR2005-013624	2686.10	ESE
20	WCR2001-013733	2686.10	ESE
20	WCR2005-013628	2686.10	ESE
20	WCR1964-001958	2686.10	ESE
21	WCR1996-009460	2695.70	N
32	WCR2019-013388	3685.44	SSW
36	WCR1776-007212	3821.76	NW
36	WCR0262333	3821.76	NW
37	WCR1957-001625	3835.95	NE
50	WCR2020-011440	4472.75	ESE

# Wells and Additional Sources Detail Report

## Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
56	ESE	0.93	4,925.91	2,324.71	PWSV

Address Line 2:  
 State Code: CA  
 Zip Code: 93534  
 City Name: LANCASTER  
 Address Line 1: 231 WEST AVENUE G  
 PWS ID: CA1900520  
 PWS Type Code: CWS  
 PWS Type Description: Community Water System  
 Primary Source Code: GW  
 Primary Source Desc: Groundwater  
 PWS Activity Code: A  
 PWS Activity Description: Active  
 PWS Deactivation Date:  
 Phone Number:

--Details--

Population Served Count: 70  
 City Served:  
 County Served: Los Angeles  
 State Served: CA  
 Zip Code Served:

## USGS National Water Information System

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
1	-	0.00	0.00	2,307.90	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	34.74664960000000
Source Map Scale:		Longitude:	-118.1500729000000
Monitoring Loc Name:	008N012W33Z001S		
Monitoring Loc Identifier:	USGS-344448118085701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		



# Wells and Additional Sources Detail Report

Drainage Area:  
 Drainage Area Unit:  
 Contrib Drainage Area:  
 Contrib Drainage Area Unit:  
 Horizontal Accuracy: 1  
 Horizontal Accuracy Unit: seconds  
 Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 2305.00  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 5.  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	E	0.12	644.82	2,308.56	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	275	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:		Latitude:	34.74526078000000
Source Map Scale:		Longitude:	-118.1467395000000
Monitoring Loc Name:	008N012W34Z001S		
Monitoring Loc Identifier:	USGS-344443118084501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2305.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		

## Wells and Additional Sources Detail Report

Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	WSW	0.14	717.21	2,314.13	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	34.74220525000000
Source Map Scale:		Longitude:	-118.1686845000000
Monitoring Loc Name:	008N012W32H001S		
Monitoring Loc Identifier:	USGS-344432118100401		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2311.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	NW	0.14	722.96	2,312.27	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES

## Wells and Additional Sources Detail Report

Construction Date:	Latitude:	34.74970495000000
Source Map Scale:	Longitude:	-118.1664622000000
Monitoring Loc Name:	008N012W28N001S	
Monitoring Loc Identifier:	USGS-344459118095601	
Monitoring Loc Type:	Well	
Monitoring Loc Desc:		
HUC Eight Digit Code:	18090206	
Drainage Area:		
Drainage Area Unit:		
Contrib Drainage Area:		
Contrib Drainage Area Unit:		
Horizontal Accuracy:	1	
Horizontal Accuracy Unit:	seconds	
Horizontal Collection Mthd:	Interpolated from MAP.	
Horiz Coord Refer System:	NAD83	
Vertical Measure:	2309.00	
Vertical Measure Unit:	feet	
Vertical Accuracy:	5.	
Vertical Accuracy Unit:	feet	
Vertical Collection Mthd:	Interpolated from topographic map.	
Vert Coord Refer System:	NGVD29	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	N	0.32	1,710.80	2,307.88	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	34.75248266000000
Source Map Scale:	24000	Longitude:	-118.1561842000000
Monitoring Loc Name:	008N012W28K001S		
Monitoring Loc Identifier:	USGS-344509118091901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	minutes		

## Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 2304.00  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 2.5  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	W	0.35	1,869.16	2,316.07	FED USGS

Organiz Identifier: USGS-CA      Formation Type:  
 Organiz Name: USGS California Water Science Center      Aquifer Name: Basin and Range basin-fill aquifers  
 Well Depth:      Aquifer Type:  
 Well Depth Unit:      Country Code: US  
 Well Hole Depth:      Provider Name: NWIS  
 W Hole Depth Unit:      County: LOS ANGELES  
 Construction Date:      Latitude: 34.74470510000000  
 Source Map Scale:      Longitude: -118.1725735000000  
 Monitoring Loc Name: 008N012W32B001S  
 Monitoring Loc Identifier: USGS-344441118101801  
 Monitoring Loc Type: Well  
 Monitoring Loc Desc:  
 HUC Eight Digit Code: 18090206  
 Drainage Area:  
 Drainage Area Unit:  
 Contrib Drainage Area:  
 Contrib Drainage Area Unit:  
 Horizontal Accuracy: 1  
 Horizontal Accuracy Unit: seconds  
 Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 2313.00  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 5.  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	E	0.47	2,486.81	2,309.62	FED USGS

## Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	100	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:	19560101	Latitude:	34.74664964000000
Source Map Scale:		Longitude:	-118.1406282000000
Monitoring Loc Name:	008N012W34C002S		
Monitoring Loc Identifier:	USGS-344448118082301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2307.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	WSW	0.47	2,488.70	2,317.42	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	34.73998309000000
Source Map Scale:		Longitude:	-118.1745180000000
Monitoring Loc Name:	008N012W32K001S		
Monitoring Loc Identifier:	USGS-344424118102501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		

## Wells and Additional Sources Detail Report

Drainage Area:  
 Drainage Area Unit:  
 Contrib Drainage Area:  
 Contrib Drainage Area Unit:  
 Horizontal Accuracy: 1  
 Horizontal Accuracy Unit: seconds  
 Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 2315.00  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 5.  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
15	ENE	0.49	2,574.22	2,309.22	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	34.74748294000000
Source Map Scale:		Longitude:	-118.1403504000000
Monitoring Loc Name:	008N012W34C001S		
Monitoring Loc Identifier:	USGS-344451118082201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2307.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		

## Wells and Additional Sources Detail Report

Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
16	ESE	0.50	2,628.42	2,314.28	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	269	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:		Latitude:	34.74137208000000
Source Map Scale:		Longitude:	-118.1400727000000
Monitoring Loc Name:	008N012W34F001S		
Monitoring Loc Identifier:	USGS-344429118082101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2311.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
17	E	0.50	2,647.03	2,311.91	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:	100	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	100	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES

## Wells and Additional Sources Detail Report

Construction Date:	19510101	Latitude:	34.74526080000000
Source Map Scale:		Longitude:	-118.1400726000000
Monitoring Loc Name:	008N012W34C004S		
Monitoring Loc Identifier:	USGS-344443118082101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2308.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	E	0.50	2,651.01	2,310.76	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:	100	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	100	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:	19550101	Latitude:	34.74609410000000
Source Map Scale:		Longitude:	-118.1400726000000
Monitoring Loc Name:	008N012W34C003S		
Monitoring Loc Identifier:	USGS-344446118082101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		



## Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 2308.00  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 5.  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
<a href="#">19</a>	ESE	0.50	2,662.03	2,315.78	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	85.0	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:		Latitude:	34.73942770000000
Source Map Scale:		Longitude:	-118.1400727000000
Monitoring Loc Name:	008N012W34L001S		
Monitoring Loc Identifier:	USGS-344422118082101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2313.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
<a href="#">22</a>	ESE	0.52	2,729.91	2,315.77	FED USGS

## Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	21.0	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:		Latitude:	34.73970548000000
Source Map Scale:		Longitude:	-118.1397949000000
Monitoring Loc Name:	008N012W34L002S		
Monitoring Loc Identifier:	USGS-344423118082001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2313.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	NW	0.54	2,836.05	2,309.68	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	34.75553806000000
Source Map Scale:	24000	Longitude:	-118.1622955000000
Monitoring Loc Name:	008N012W28F001S		
Monitoring Loc Identifier:	USGS-344520118094101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		

## Wells and Additional Sources Detail Report

Drainage Area:  
 Drainage Area Unit:  
 Contrib Drainage Area:  
 Contrib Drainage Area Unit:  
 Horizontal Accuracy: 1  
 Horizontal Accuracy Unit: seconds  
 Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 2308.00  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 2.5  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
24	ESE	0.54	2,837.73	2,317.64	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	380	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:	19060101	Latitude:	34.73637228000000
Source Map Scale:		Longitude:	-118.1409060000000
Monitoring Loc Name:	008N012W34P003S		
Monitoring Loc Identifier:	USGS-344411118082401		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2315.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		

## Wells and Additional Sources Detail Report

Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
26	E	0.58	3,072.10	2,310.55	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:	102	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	102	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:	19620101	Latitude:	34.74692740000000
Source Map Scale:		Longitude:	-118.1386837000000
Monitoring Loc Name:	008N012W34B001S		
Monitoring Loc Identifier:	USGS-344449118081601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2308.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
27	E	0.60	3,148.90	2,311.82	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	100	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES

## Wells and Additional Sources Detail Report

Construction Date:	Latitude:	34.74553858000000
Source Map Scale:	Longitude:	-118.13840590000000
Monitoring Loc Name:	008N012W34B002S	
Monitoring Loc Identifier:	USGS-344444118081501	
Monitoring Loc Type:	Well	
Monitoring Loc Desc:		
HUC Eight Digit Code:	18090206	
Drainage Area:		
Drainage Area Unit:		
Contrib Drainage Area:		
Contrib Drainage Area Unit:		
Horizontal Accuracy:	1	
Horizontal Accuracy Unit:	seconds	
Horizontal Collection Mthd:	Interpolated from MAP.	
Horiz Coord Refer System:	NAD83	
Vertical Measure:	2309.00	
Vertical Measure Unit:	feet	
Vertical Accuracy:	5.	
Vertical Accuracy Unit:	feet	
Vertical Collection Mthd:	Interpolated from topographic map.	
Vert Coord Refer System:	NGVD29	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	ESE	0.63	3,318.82	2,317.16	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:	143.9	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	34.73831666000000
Source Map Scale:	24000	Longitude:	-118.13812820000000
Monitoring Loc Name:	008N012W34K001S		
Monitoring Loc Identifier:	USGS-344418118081401		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		

## Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 2316.  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 5  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
29	W	0.64	3,356.44	2,318.07	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	150	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:	19530101	Latitude:	34.74692724000000
Source Map Scale:		Longitude:	-118.1775736000000
Monitoring Loc Name:	008N012W32C002S		
Monitoring Loc Identifier:	USGS-344449118103602		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2315.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
29	W	0.64	3,356.44	2,318.07	FED USGS

## Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:	19150101	Latitude:	34.74692724000000
Source Map Scale:		Longitude:	-118.1775736000000
Monitoring Loc Name:	008N012W32C001S		
Monitoring Loc Identifier:	USGS-344449118103601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2315.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	SE	0.68	3,599.66	2,320.88	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	151	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:	19580101	Latitude:	34.73387238000000
Source Map Scale:		Longitude:	-118.1400727000000
Monitoring Loc Name:	008N012W34P002S		
Monitoring Loc Identifier:	USGS-344402118082101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		

# Wells and Additional Sources Detail Report

Drainage Area:  
 Drainage Area Unit:  
 Contrib Drainage Area:  
 Contrib Drainage Area Unit:  
 Horizontal Accuracy: 1  
 Horizontal Accuracy Unit: seconds  
 Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 2318.00  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 20  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
34	SE	0.72	3,799.90	2,322.51	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	150	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:		Latitude:	34.73331685000000
Source Map Scale:	24000	Longitude:	-118.1397949000000
Monitoring Loc Name:	008N012W34P001S		
Monitoring Loc Identifier:	USGS-344400118082001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2318.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	2.5		
Vertical Accuracy Unit:	feet		



## Wells and Additional Sources Detail Report

Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
35	W	0.72	3,814.55	2,318.73	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	34.74053860000000
Source Map Scale:	24000	Longitude:	-118.1789626000000
Monitoring Loc Name:	008N012W32L001S		
Monitoring Loc Identifier:	USGS-344426118104101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2317.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
38	W	0.73	3,874.80	2,319.76	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES

## Wells and Additional Sources Detail Report

Construction Date:	Latitude:	34.74414956000000
Source Map Scale:	Longitude:	-118.1792403000000
Monitoring Loc Name:	008N012W32C003S	
Monitoring Loc Identifier:	USGS-344439118104201	
Monitoring Loc Type:	Well	
Monitoring Loc Desc:		
HUC Eight Digit Code:	18090206	
Drainage Area:		
Drainage Area Unit:		
Contrib Drainage Area:		
Contrib Drainage Area Unit:		
Horizontal Accuracy:	1	
Horizontal Accuracy Unit:	seconds	
Horizontal Collection Mthd:	Interpolated from MAP.	
Horiz Coord Refer System:	NAD83	
Vertical Measure:	2318.00	
Vertical Measure Unit:	feet	
Vertical Accuracy:	5.	
Vertical Accuracy Unit:	feet	
Vertical Collection Mthd:	Interpolated from topographic map.	
Vert Coord Refer System:	NGVD29	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	ESE	0.74	3,917.79	2,321.36	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	100	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:	19500101	Latitude:	34.73415016000000
Source Map Scale:		Longitude:	-118.1384060000000
Monitoring Loc Name:	008N012W34Q001S		
Monitoring Loc Identifier:	USGS-344403118081501		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		

## Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 2318.00  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 5.  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
40	NW	0.74	3,930.48	2,311.70	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:	300	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	303	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:	19990929	Latitude:	34.75813889000000
Source Map Scale:	24000	Longitude:	-118.1698610000000
Monitoring Loc Name:	008N012W29H001S		
Monitoring Loc Identifier:	USGS-344500118100001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	.5		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Mapping grade GPS unit (handheld accuracy range 12 to 40 ft)		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2312		
Vertical Measure Unit:	feet		
Vertical Accuracy:	2.5		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from Digital Elevation Model		
Vert Coord Refer System:	NAVD88		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
41	ESE	0.76	4,015.90	2,319.39	FED USGS

## Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	100	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:	19530101	Latitude:	34.73776110000000
Source Map Scale:		Longitude:	-118.13590590000000
Monitoring Loc Name:	008N012W34K002S		
Monitoring Loc Identifier:	USGS-344416118080601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2316.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	SSE	0.77	4,077.62	2,315.12	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	34.72942807000000
Source Map Scale:		Longitude:	-118.15007300000000
Monitoring Loc Name:	007N012W04H001S		
Monitoring Loc Identifier:	USGS-344346118085701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		

## Wells and Additional Sources Detail Report

Drainage Area:  
 Drainage Area Unit:  
 Contrib Drainage Area:  
 Contrib Drainage Area Unit:  
 Horizontal Accuracy: 1  
 Horizontal Accuracy Unit: seconds  
 Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 2313.00  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 5.  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
46	NNW	0.81	4,252.23	2,309.52	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:	316	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	316	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:		Latitude:	34.75942678000000
Source Map Scale:	24000	Longitude:	-118.1628510000000
Monitoring Loc Name:	008N012W28D001S		
Monitoring Loc Identifier:	USGS-344534118094301		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2308.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	2.5		
Vertical Accuracy Unit:	feet		

## Wells and Additional Sources Detail Report

Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
47	W	0.81	4,286.55	2,320.25	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	34.74498286000000
Source Map Scale:		Longitude:	-118.1806292000000
Monitoring Loc Name:	008N012W32D002S		
Monitoring Loc Identifier:	USGS-344442118104701		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2317.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
49	ESE	0.84	4,441.33	2,323.92	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES

## Wells and Additional Sources Detail Report

Construction Date:	Latitude:	34.73359460000000
Source Map Scale:	Longitude:	-118.1367393000000
Monitoring Loc Name:	008N012W34Q002S	
Monitoring Loc Identifier:	USGS-344401118080901	
Monitoring Loc Type:	Well	
Monitoring Loc Desc:		
HUC Eight Digit Code:	18090206	
Drainage Area:		
Drainage Area Unit:		
Contrib Drainage Area:		
Contrib Drainage Area Unit:		
Horizontal Accuracy:	1	
Horizontal Accuracy Unit:	seconds	
Horizontal Collection Mthd:	Interpolated from MAP.	
Horiz Coord Refer System:	NAD83	
Vertical Measure:	2320.00	
Vertical Measure Unit:	feet	
Vertical Accuracy:	5.	
Vertical Accuracy Unit:	feet	
Vertical Collection Mthd:	Interpolated from topographic map.	
Vert Coord Refer System:	NGVD29	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
51	ESE	0.87	4,593.00	2,323.57	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	34.73387240000000
Source Map Scale:		Longitude:	-118.1359059000000
Monitoring Loc Name:	008N012W34Q003S		
Monitoring Loc Identifier:	USGS-344402118080601		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		

## Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 2320.00  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 5.  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
53	ESE	0.90	4,757.74	2,322.73	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:	19550101	Latitude:	34.73609454000000
Source Map Scale:		Longitude:	-118.1339614000000
Monitoring Loc Name:	008N012W34R006S		
Monitoring Loc Identifier:	USGS-344410118075901		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2320.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
60	ESE	0.97	5,124.91	2,323.17	FED USGS



## Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	34.73331688000000
Source Map Scale:		Longitude:	-118.1342392000000
Monitoring Loc Name:	008N012W34R002S		
Monitoring Loc Identifier:	USGS-344400118080001		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2321.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
61	E	0.97	5,130.17	2,319.38	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	110	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:	19530101	Latitude:	34.74026105000000
Source Map Scale:		Longitude:	-118.1317390000000
Monitoring Loc Name:	008N012W34J002S		
Monitoring Loc Identifier:	USGS-344425118075101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		

## Wells and Additional Sources Detail Report

Drainage Area:  
 Drainage Area Unit:  
 Contrib Drainage Area:  
 Contrib Drainage Area Unit:  
 Horizontal Accuracy: 1  
 Horizontal Accuracy Unit: seconds  
 Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 2317.00  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 5.  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
62	E	0.97	5,133.96	2,317.75	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	34.74192765000000
Source Map Scale:		Longitude:	-118.1317390000000
Monitoring Loc Name:	008N012W34H003S		
Monitoring Loc Identifier:	USGS-344431118075101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2315.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		

## Wells and Additional Sources Detail Report

Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
63	E	0.97	5,135.28	2,317.42	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:	19540101	Latitude:	34.74220540000000
Source Map Scale:		Longitude:	-118.1317390000000
Monitoring Loc Name:	008N012W34H004S		
Monitoring Loc Identifier:	USGS-344432118075101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2315.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
64	ESE	0.97	5,139.61	2,320.04	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	100	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES

## Wells and Additional Sources Detail Report

Construction Date:	19520101	Latitude:	34.73970550000000
Source Map Scale:		Longitude:	-118.1317390000000
Monitoring Loc Name:	008N012W34J001S		
Monitoring Loc Identifier:	USGS-344423118075101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2317.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
65	E	0.97	5,141.88	2,316.25	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:	5	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:		Provider Name:	NWIS
W Hole Depth Unit:		County:	LOS ANGELES
Construction Date:		Latitude:	34.74359425000000
Source Map Scale:	24000	Longitude:	-118.1317390000000
Monitoring Loc Name:	008N012W34H005S		
Monitoring Loc Identifier:	USGS-344437118075101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		

## Wells and Additional Sources Detail Report

Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 2314  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 5  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
66	E	0.98	5,160.34	2,313.14	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:	100	Aquifer Type:	
Well Depth Unit:	ft	Country Code:	US
Well Hole Depth:	100	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:	19500101	Latitude:	34.74748298000000
Source Map Scale:		Longitude:	-118.1317390000000
Monitoring Loc Name:	008N012W34A002S		
Monitoring Loc Identifier:	USGS-344451118075101		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2310.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
67	W	0.98	5,197.04	2,321.72	FED USGS

## Wells and Additional Sources Detail Report

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	300	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:		Latitude:	34.74609390000000
Source Map Scale:		Longitude:	-118.1836849000000
Monitoring Loc Name:	008N012W32D001S		
Monitoring Loc Identifier:	USGS-344446118105801		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2319.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		
Vertical Collection Mthd:	Interpolated from topographic map.		
Vert Coord Refer System:	NGVD29		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
68	W	0.99	5,234.56	2,321.68	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	64.0	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:		Latitude:	34.74026080000000
Source Map Scale:		Longitude:	-118.1836849000000
Monitoring Loc Name:	008N012W32M001S		
Monitoring Loc Identifier:	USGS-344425118105801		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		

# Wells and Additional Sources Detail Report

Drainage Area:  
 Drainage Area Unit:  
 Contrib Drainage Area:  
 Contrib Drainage Area Unit:  
 Horizontal Accuracy: 1  
 Horizontal Accuracy Unit: seconds  
 Horizontal Collection Mthd: Interpolated from MAP.  
 Horiz Coord Refer System: NAD83  
 Vertical Measure: 2318.00  
 Vertical Measure Unit: feet  
 Vertical Accuracy: 5.  
 Vertical Accuracy Unit: feet  
 Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
69	ESE	0.99	5,249.77	2,323.26	FED USGS

Organiz Identifier:	USGS-CA	Formation Type:	
Organiz Name:	USGS California Water Science Center	Aquifer Name:	Basin and Range basin-fill aquifers
Well Depth:		Aquifer Type:	
Well Depth Unit:		Country Code:	US
Well Hole Depth:	125	Provider Name:	NWIS
W Hole Depth Unit:	ft	County:	LOS ANGELES
Construction Date:		Latitude:	34.73665008000000
Source Map Scale:		Longitude:	-118.1320169000000
Monitoring Loc Name:	008N012W34R005S		
Monitoring Loc Identifier:	USGS-344412118075201		
Monitoring Loc Type:	Well		
Monitoring Loc Desc:			
HUC Eight Digit Code:	18090206		
Drainage Area:			
Drainage Area Unit:			
Contrib Drainage Area:			
Contrib Drainage Area Unit:			
Horizontal Accuracy:	1		
Horizontal Accuracy Unit:	seconds		
Horizontal Collection Mthd:	Interpolated from MAP.		
Horiz Coord Refer System:	NAD83		
Vertical Measure:	2321.00		
Vertical Measure Unit:	feet		
Vertical Accuracy:	5.		
Vertical Accuracy Unit:	feet		

# Wells and Additional Sources Detail Report

Vertical Collection Mthd: Interpolated from topographic map.  
 Vert Coord Refer System: NGVD29

## Periodic Groundwater Level Measurement Locations

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	NW	0.14	742.22	2,312.48	MONITOR WELLS

Site Code:	347497N1181674W001	Basin ID:	
State Well No:	08N12W28N001S	Basin Code:	6-044
Station ID:	8795	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7497	WLM Method:	Unknown
Longitude:	-118.167	WLM Accuracy:	Unknown

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	W	0.21	1,112.30	2,314.79	MONITOR WELLS

Site Code:	347422N1181696W001	Basin ID:	
State Well No:	08N12W32H001S	Basin Code:	6-044
Station ID:	8801	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7422	WLM Method:	Unknown
Longitude:	-118.17	WLM Accuracy:	Unknown

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	N	0.33	1,718.91	2,307.88	MONITOR WELLS

Site Code:	347525N1181571W001	Basin ID:	
State Well No:	08N12W28K001S	Basin Code:	6-044
Station ID:	8794	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7525	WLM Method:	Unknown
Longitude:	-118.157	WLM Accuracy:	Unknown



## Wells and Additional Sources Detail Report

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
12	W	0.44	2,297.58	2,316.76	MONITOR WELLS

Site Code:	347447N1181735W001	Basin ID:	
State Well No:	08N12W32B001S	Basin Code:	6-044
Station ID:	8800	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7447	WLM Method:	Unknown
Longitude:	-118.174	WLM Accuracy:	Unknown

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
25	ESE	0.58	3,068.01	2,316.90	MONITOR WELLS

Site Code:	347383N1181390W001	Basin ID:	
State Well No:	08N12W34K001S	Basin Code:	6-044
Station ID:	8806	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7383	WLM Method:	Unknown
Longitude:	-118.139	WLM Accuracy:	Unknown

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
30	SE	0.67	3,555.55	2,321.07	MONITOR WELLS

Site Code:	347333N1181407W001	Basin ID:	
State Well No:	08N12W34P001S	Basin Code:	6-044
Station ID:	8807	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7333	WLM Method:	Unknown
Longitude:	-118.141	WLM Accuracy:	Unknown

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
33	ESE	0.70	3,695.66	2,318.40	MONITOR WELLS

## Wells and Additional Sources Detail Report

Site Code:	347378N1181368W001	Basin ID:	
State Well No:	08N12W34K002S	Basin Code:	6-044
Station ID:	29623	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7378	WLM Method:	Unknown
Longitude:	-118.137	WLM Accuracy:	Unknown

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	SSE	0.77	4,086.16	2,314.61	MONITOR WELLS

Site Code:	347294N1181510W001	Basin ID:	
State Well No:	07N12W04H001S	Basin Code:	6-044
Station ID:	29042	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7294	WLM Method:	Unknown
Longitude:	-118.151	WLM Accuracy:	Unknown

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	W	0.78	4,126.35	2,319.47	MONITOR WELLS

Site Code:	347405N1181799W001	Basin ID:	
State Well No:	08N12W32L001S	Basin Code:	6-044
Station ID:	8802	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7405	WLM Method:	Unknown
Longitude:	-118.18	WLM Accuracy:	Unknown

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	NNW	0.80	4,245.04	2,310.74	MONITOR WELLS

Site Code:	347594N1181638W001	Basin ID:	
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## Wells and Additional Sources Detail Report

State Well No:	08N12W28D001S	Basin Code:	6-044
Station ID:	29614	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:	316	Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Single Well	Basin Region Order:	6
Well Name:	344534118094301	County Name:	Los Angeles
Latitude:	34.7594	WLM Method:	Unknown
Longitude:	-118.164	WLM Accuracy:	Unknown

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
48	ESE	0.82	4,313.47	2,322.34	MONITOR WELLS

Site Code:	347339N1181368W001	Basin ID:	
State Well No:	08N12W34Q003S	Basin Code:	6-044
Station ID:	29624	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7339	WLM Method:	Unknown
Longitude:	-118.137	WLM Accuracy:	Unknown

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
52	E	0.90	4,755.11	2,317.43	MONITOR WELLS

Site Code:	347419N1181326W001	Basin ID:	
State Well No:	08N12W34H003S	Basin Code:	6-044
Station ID:	29622	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7419	WLM Method:	Unknown
Longitude:	-118.133	WLM Accuracy:	Unknown

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
54	E	0.90	4,763.19	2,315.78	MONITOR WELLS

Site Code:	347436N1181326W001	Basin ID:	
State Well No:	08N12W34H005S	Basin Code:	6-044
Station ID:	8805	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6

## Wells and Additional Sources Detail Report

Well Depth:	Basin Region Desc:	San Joaquin River	
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7436	WLM Method:	Unknown
Longitude:	-118.133	WLM Accuracy:	Unknown

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
55	E	0.91	4,781.73	2,312.36	MONITOR WELLS

Site Code:	347475N1181326W001	Basin ID:	
State Well No:	08N12W34A002S	Basin Code:	6-044
Station ID:	29621	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7475	WLM Method:	Unknown
Longitude:	-118.133	WLM Accuracy:	Unknown

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
57	ESE	0.94	4,961.39	2,322.67	MONITOR WELLS

Site Code:	347367N1181329W001	Basin ID:	
State Well No:	08N12W34R005S	Basin Code:	6-044
Station ID:	8809	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7367	WLM Method:	Unknown
Longitude:	-118.133	WLM Accuracy:	Unknown

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
58	E	0.96	5,050.23	2,318.84	MONITOR WELLS

Site Code:	347408N1181321W001	Basin ID:	
State Well No:	08N12W34H001S	Basin Code:	6-044
Station ID:	8804	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6

## Wells and Additional Sources Detail Report

Well Name:		County Name:	Los Angeles
Latitude:	34.7408	WLM Method:	Unknown
Longitude:	-118.132	WLM Accuracy:	Unknown

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
59	ESE	0.97	5,104.77	2,323.88	MONITOR WELLS

Site Code:	347355N1181326W001	Basin ID:	
State Well No:	08N12W34R003S	Basin Code:	6-044
Station ID:	8808	Basin Name:	Antelope Valley
WCR No:		Basin Region Code:	6
Well Depth:		Basin Region Desc:	San Joaquin River
Well Use:	Unknown	Basin Region Actv:	Y
Well Type:	Unknown	Basin Region Order:	6
Well Name:		County Name:	Los Angeles
Latitude:	34.7355	WLM Method:	Unknown
Longitude:	-118.133	WLM Accuracy:	Unknown

### Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	WNW	0.19	983.95	2,314.76	WATER WELLS

WCR No:	WCR2020-002407	City(OSWCR):	None
City:		County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	34.74725
Decimal Latitude:	34.74725	Decim Long(OSWCR):	-118.16968
Decimal Longitude:	-118.16968		
Location:	14 Freeway and W Avenue F		
Location(OSWCR):	14 Freeway and W Avenue F		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	WNW	0.28	1,469.79	2,316.62	WATER WELLS

WCR No:	WCR2020-002405	City(OSWCR):	None
City:		County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	34.748266
Decimal Latitude:	34.748266	Decim Long(OSWCR):	-118.171262
Decimal Longitude:	-118.171262		
Location:	14 Freeway and W Avenue F		
Location(OSWCR):	14 Freeway and W Avenue F		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
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## Wells and Additional Sources Detail Report

20                      ESE                      0.51                      2,686.10                      2,315.10                      WATER WELLS

WCR No:                      WCR1956-001521                      City(OSWCR):                      None  
 City:                      County(OSWCR):                      Los Angeles  
 County:                      Los Angeles                      Decimal Lat(OSWCR):                      34.74069  
 Decimal Latitude:                      34.74069                      Decim Long(OSWCR):                      -118.13987  
 Decimal Longitude:                      -118.13987  
 Location:                      DIVISION ST  
 Location(OSWCR):                      DIVISION ST  
 Original Source:                      California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

**Map Key                      Direction                      Distance (mi)                      Distance (ft)                      Elevation (ft)                      DB**

20                      ESE                      0.51                      2,686.10                      2,315.10                      WATER WELLS

WCR No:                      WCR1967-002089                      City(OSWCR):                      None  
 City:                      County(OSWCR):                      Los Angeles  
 County:                      Los Angeles                      Decimal Lat(OSWCR):                      34.74069  
 Decimal Latitude:                      34.74069                      Decim Long(OSWCR):                      -118.13987  
 Decimal Longitude:                      -118.13987  
 Location:                      DIVISION, AVENUE G  
 Location(OSWCR):                      DIVISION, AVENUE G  
 Original Source:                      California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

**Map Key                      Direction                      Distance (mi)                      Distance (ft)                      Elevation (ft)                      DB**

20                      ESE                      0.51                      2,686.10                      2,315.10                      WATER WELLS

WCR No:                      WCR1997-010862                      City(OSWCR):                      Lancaster  
 City:                      Lancaster                      County(OSWCR):                      Los Angeles  
 County:                      Los Angeles                      Decimal Lat(OSWCR):                      34.74069  
 Decimal Latitude:                      34.74069                      Decim Long(OSWCR):                      -118.13987  
 Decimal Longitude:                      -118.13987  
 Location:                      46645 60th Street West  
 Location(OSWCR):                      46645 60th Street West  
 Original Source:                      California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

**Map Key                      Direction                      Distance (mi)                      Distance (ft)                      Elevation (ft)                      DB**

20                      ESE                      0.51                      2,686.10                      2,315.10                      WATER WELLS

WCR No:                      WCR0218433                      City(OSWCR):                      None  
 City:                      County(OSWCR):                      Los Angeles  
 County:                      Los Angeles                      Decimal Lat(OSWCR):                      34.74069  
 Decimal Latitude:                      34.74069                      Decim Long(OSWCR):                      -118.13987  
 Decimal Longitude:                      -118.13987

## Wells and Additional Sources Detail Report

Location:

Location(OSWCR): None

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
20	ESE	0.51	2,686.10	2,315.10	WATER WELLS

WCR No: WCR1971-002446

City(OSWCR): None

County: Los Angeles

County(OSWCR): Los Angeles

Decimal Latitude: 34.74069

Decimal Lat(OSWCR): 34.74069

Decimal Longitude: -118.13987

Decim Long(OSWCR): -118.13987

Location: DIVISION ST

Location(OSWCR): DIVISION ST

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
20	ESE	0.51	2,686.10	2,315.10	WATER WELLS

WCR No: WCR1954-001884

City(OSWCR): None

County: Los Angeles

County(OSWCR): Los Angeles

Decimal Latitude: 34.74069

Decimal Lat(OSWCR): 34.74069

Decimal Longitude: -118.13987

Decim Long(OSWCR): -118.13987

Location:

Location(OSWCR): None

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
20	ESE	0.51	2,686.10	2,315.10	WATER WELLS

WCR No: WCR1971-002148

City(OSWCR): None

County: Los Angeles

County(OSWCR): Los Angeles

Decimal Latitude: 34.74069

Decimal Lat(OSWCR): 34.74069

Decimal Longitude: -118.13987

Decim Long(OSWCR): -118.13987

Location: FIFTH ST W, AVE F

Location(OSWCR): FIFTH ST W, AVE F

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
20	ESE	0.51	2,686.10	2,315.10	WATER WELLS

## Wells and Additional Sources Detail Report

WCR No:	WCR2005-013624	City(OSWCR):	Lancaster
City:	Lancaster	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	34.74069
Decimal Latitude:	34.74069	Decim Long(OSWCR):	-118.13987
Decimal Longitude:	-118.13987		
Location:	427 W Avenue G		
Location(OSWCR):	427 W Avenue G		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	ESE	0.51	2,686.10	2,315.10	WATER WELLS

WCR No:	WCR2001-013733	City(OSWCR):	Lancaster
City:	Lancaster	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	34.74069
Decimal Latitude:	34.74069	Decim Long(OSWCR):	-118.13987
Decimal Longitude:	-118.13987		
Location:	515 W Avenue G East (Lot 30)		
Location(OSWCR):	515 W Avenue G East (Lot 30)		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	ESE	0.51	2,686.10	2,315.10	WATER WELLS

WCR No:	WCR2005-013628	City(OSWCR):	Lancaster
City:	Lancaster	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	34.74069
Decimal Latitude:	34.74069	Decim Long(OSWCR):	-118.13987
Decimal Longitude:	-118.13987		
Location:	5th Street West, Avenue G		
Location(OSWCR):	5th Street West, Avenue G		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	ESE	0.51	2,686.10	2,315.10	WATER WELLS

WCR No:	WCR1964-001958	City(OSWCR):	Lancaster
City:	Lancaster	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	34.74069
Decimal Latitude:	34.74069	Decim Long(OSWCR):	-118.13987
Decimal Longitude:	-118.13987		
Location:	47037 N 4th Street West		
Location(OSWCR):	47037 N 4th Street West		



## Wells and Additional Sources Detail Report

Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
21	N	0.51	2,695.70	2,307.85	WATER WELLS

WCR No:	WCR1996-009460	City(OSWCR):	Lancaster
City:	Lancaster	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	34.75518
Decimal Latitude:	34.75518	Decim Long(OSWCR):	-118.15775
Decimal Longitude:	-118.15775		
Location:	Sierra Highway & Avenue E-8		
Location(OSWCR):	Sierra Highway & Avenue E-8		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
32	SSW	0.70	3,685.44	2,312.82	WATER WELLS

WCR No:	WCR2019-013388	City(OSWCR):	Lancaster
City:	Lancaster	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	34.73043
Decimal Latitude:	34.73043	Decim Long(OSWCR):	-118.16516
Decimal Longitude:	-118.16516		
Location:	5667 W 20th St. West ST		
Location(OSWCR):	5667 W 20th St. West ST		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
36	NW	0.72	3,821.76	2,314.08	WATER WELLS

WCR No:	WCR1776-007212	City(OSWCR):	None
City:		County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	34.75508
Decimal Latitude:	34.75508	Decim Long(OSWCR):	-118.17549
Decimal Longitude:	-118.17549		
Location:	LEISURE LAKE		
Location(OSWCR):	LEISURE LAKE		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

<b>Map Key</b>	<b>Direction</b>	<b>Distance (mi)</b>	<b>Distance (ft)</b>	<b>Elevation (ft)</b>	<b>DB</b>
36	NW	0.72	3,821.76	2,314.08	WATER WELLS

WCR No:	WCR0262333	City(OSWCR):	None
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## Wells and Additional Sources Detail Report

City:		County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	34.75508
Decimal Latitude:	34.75508	Decim Long(OSWCR):	-118.17549
Decimal Longitude:	-118.17549		
Location:			
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
37	NE	0.73	3,835.95	2,302.74	WATER WELLS

WCR No:	WCR1957-001625	City(OSWCR):	None
City:		County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	34.75535
Decimal Latitude:	34.75535	Decim Long(OSWCR):	-118.13995
Decimal Longitude:	-118.13995		
Location:			
Location(OSWCR):	None		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	ESE	0.85	4,472.75	2,322.08	WATER WELLS

WCR No:	WCR2020-011440	City(OSWCR):	Lancaster
City:	Lancaster	County(OSWCR):	Los Angeles
County:	Los Angeles	Decimal Lat(OSWCR):	34.735561
Decimal Latitude:	34.735561	Decim Long(OSWCR):	-118.135253
Decimal Longitude:	-118.135253		
Location:	231 W Avenue G		
Location(OSWCR):	231 W Avenue G		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

## Radon Information

This section lists any relevant radon information found for the target property.

Federal EPA Radon Zone for *LOS ANGELES* County: **2**

*Zone 1: Counties with predicted average indoor radon screening levels greater than 4 pCi/L*

*Zone 2: Counties with predicted average indoor radon screening levels from 2 to 4 pCi/L*

*Zone 3: Counties with predicted average indoor radon screening levels less than 2 pCi/L*

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Federal Area Radon Information for *LOS ANGELES* County

No Measures/Homes:	69
Geometric Mean:	0.4
Arithmetic Mean:	0.7
Median:	0.5
Standard Deviation:	1
Maximum:	5.6
% >4 pCi/L:	1
% >20 pCi/L:	0
Notes on Data Table:	TABLE 1. Screening indoor radon data from the EPA/State Residential Radon Survey of California conducted during 1989-90. Data represent 2-7 day charcoal canister measurements from the lowest level of each home tested.

## **Federal Sources**

### **FEMA National Flood Hazard Layer**

**FEMA FLOOD**

The National Flood Hazard Layer (NFHL) data incorporates Flood Insurance Rate Map (FIRM) databases published by the Federal Emergency Management Agency (FEMA), and any Letters Of Map Revision (LOMRs) that have been issued against those databases since their publication date. The FIRM Database is the digital, geospatial version of the flood hazard information shown on the published paper FIRMs. The FIRM Database depicts flood risk information and supporting data used to develop the risk data. The FIRM Database is derived from Flood Insurance Studies (FISs), previously published FIRMs, flood hazard analyses performed in support of the FISs and FIRMs, and new mapping data, where available.

### **Indoor Radon Data**

**INDOOR RADON**

Indoor radon measurements tracked by the Environmental Protection Agency(EPA) and the State Residential Radon Survey.

### **Public Water Systems Violations and Enforcement Data**

**PWSV**

List of drinking water violations and enforcement actions from the Safe Drinking Water Information System (SDWIS) made available by the Drinking Water Protection Division of the US EPA's Office of Groundwater and Drinking Water. Enforcement sensitive actions are not included in the data released by the EPA. Address information provided in SWDIS may correspond either with the physical location of the water system, or with a contact address.

### **Radon Zone Level**

**RADON ZONE**

Areas showing the level of Radon Zones (level 1, 2 or 3) by county. This data is maintained by the Environmental Protection Agency (EPA).

### **Safe Drinking Water Information System (SDWIS)**

**SDWIS**

The Safe Drinking Water Information System (SDWIS) contains information about public water systems as reported to US Environmental Protection Agency (EPA) by the states. Addresses may correspond with the location of the water system, or with a contact address.

### **Soil Survey Geographic database**

**SSURGO**

The Soil Survey Geographic database (SSURGO) contains information about soil as collected by the National Cooperative Soil Survey at the Natural Resources Conservation Service (NRCS). Soil maps outline areas called map units. The map units are linked to soil properties in a database. Each map unit may contain one to three major components and some minor components.

### **U.S. Fish & Wildlife Service Wetland Data**

**US WETLAND**

The U.S. Fish & Wildlife Service Wetland layer represents the approximate location and type of wetlands and deepwater habitats in the United States.

### **USGS Current Topo**

**US TOPO**

US Topo topographic maps are produced by the National Geospatial Program of the U.S. Geological Survey (USGS). The project was launched in late 2009, and the term "US Topo" refers specifically to quadrangle topographic maps published in 2009 and later.

### **USGS Geology**

**US GEOLOGY**

Seamless maps depicting geological information provided by the United States Geological Survey (USGS).

### **USGS National Water Information System**

**FED USGS**

The U.S. Geological Survey (USGS)'s National Water Information System (NWIS) is the nation's principal repository of water resources data. This database includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data.

## **State Sources**

### **Oil and Gas Wells**

**OGW**

A list of Oil and Gas well locations. This is provided by California's Department of Conservation Division of

## Appendix

Oil, Gas and Geothermal Resources.

### **Periodic Groundwater Level Measurement Locations**

Locations of groundwater level monitoring wells in the Department of Water Resources (DWR)'s Periodic Groundwater Levels dataset. The DWR Periodic Groundwater Levels dataset contains seasonal and long-term groundwater level measurements collected by the Department of Water Resources and cooperating agencies.

**MONITOR WELLS**

### **Well Completion Reports**

List of wells from the Well Completion Reports data made available by the California Department of Water Resources' (DWR) Online System for Well Completion Reports (OSWCR). Please note that the majority of well completion reports have been spatially registered to the center of the 1x1 mile Public Land Survey System section that the well is located in.

**WATER WELLS**

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# Appendix C

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Historical Research Documentation



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# HISTORICAL AERIALS

**Project Property:** Proposed Industrial Warehouse  
Facility  
W Avenue F and 20th Street West  
Lancaster CA

**Project No:** 22-12841

**Requested By:** Rincon Consultants, Inc.

**Order No:** 22050500704

**Date Completed:** May 09,2022

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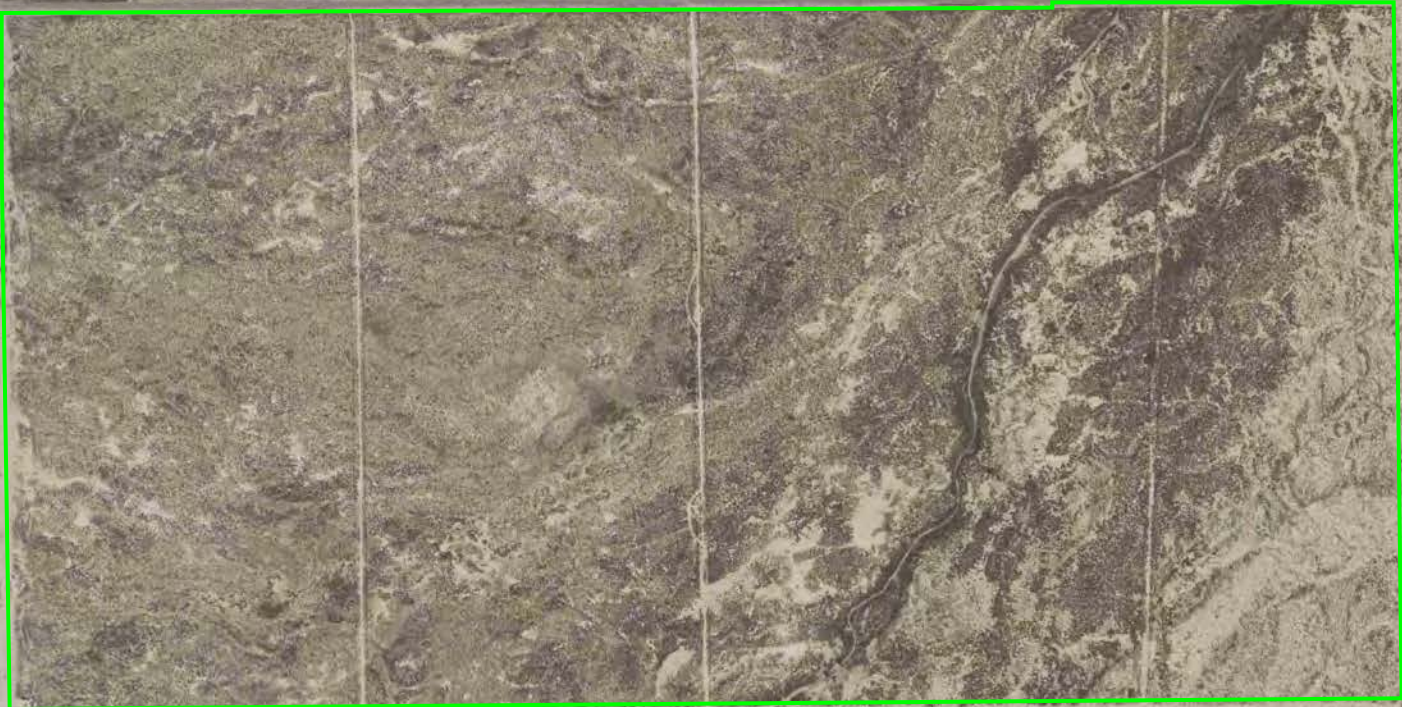
<b>Date</b>	<b>Source</b>	<b>Scale</b>	<b>Comments</b>
2020	United States Department of Agriculture	1" = 700'	
2018	United States Department of Agriculture	1" = 700'	
2016	United States Department of Agriculture	1" = 700'	
2014	United States Department of Agriculture	1" = 700'	
2012	United States Department of Agriculture	1" = 700'	
2010	United States Department of Agriculture	1" = 700'	
2009	United States Department of Agriculture	1" = 700'	
2005	United States Department of Agriculture	1" = 700'	
2003	United States Department of Agriculture	1" = 700'	
1994	United States Geological Survey	1" = 700'	
1987	United States Geological Survey	1" = 700'	
1980	United States Department of Agriculture	1" = 700'	
1974	United States Geological Survey	1" = 700'	
1968	Teledyne	1" = 700'	
1959	Agricultural Stabilization & Conserv. Service	1" = 700'	
1953	Agricultural Stabilization & Conserv. Service	1" = 700'	
1948	Agricultural Stabilization & Conserv. Service	1" = 700'	
1928	FAIRCHILD	1" = 700'	

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one inch



Year: 2020  
Source: USDA  
Scale: 1" = 700'  
Comment:

Address: W Avenue F and 20th Street West, Lancaster, CA  
Approx Center: -118.157594,34.7441892

Order No: 22050500704



one inch



Year: 2018  
Source: USDA  
Scale: 1" = 700'  
Comment:

Address: W Avenue F and 20th Street West, Lancaster, CA  
Approx Center: -118.157594,34.7441892

Order No: 22050500704



one inch



Year: 2016  
Source: USDA  
Scale: 1" = 700'  
Comment:

Address: W Avenue F and 20th Street West, Lancaster, CA  
Approx Center: -118.157594,34.7441892

Order No: 22050500704



one inch



Year: 2014  
Source: USDA  
Scale: 1" = 700'  
Comment:

Address: W Avenue F and 20th Street West, Lancaster, CA  
Approx Center: -118.157594,34.7441892

Order No: 22050500704



one inch



Year: 2012  
Source: USDA  
Scale: 1" = 700'  
Comment:

Address: W Avenue F and 20th Street West, Lancaster, CA  
Approx Center: -118.157594,34.7441892

Order No: 22050500704



one inch



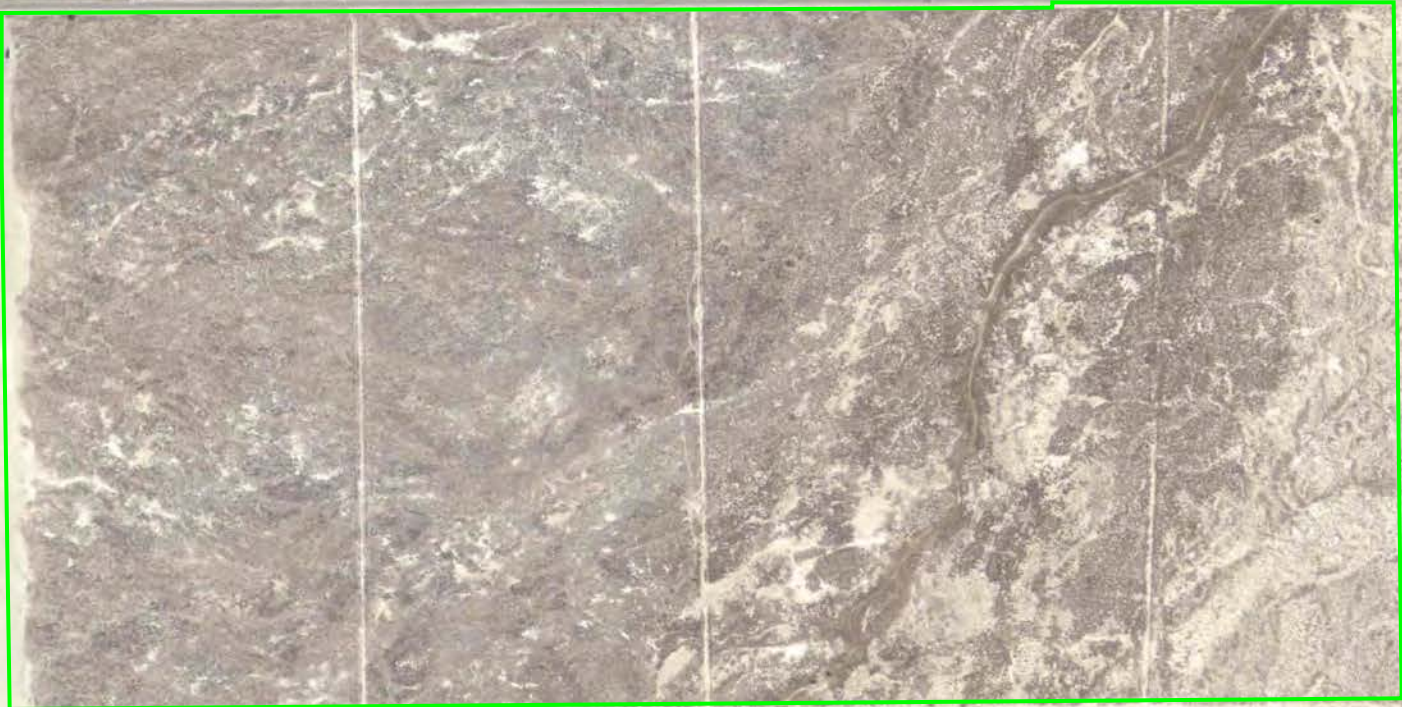
Year: 2010  
Source: USDA  
Scale: 1" = 700'  
Comment:

Address: W Avenue F and 20th Street West, Lancaster, CA  
Approx Center: -118.157594,34.7441892

Order No: 22050500704



one inch



Year: 2009  
Source: USDA  
Scale: 1" = 700'  
Comment:

Address: W Avenue F and 20th Street West, Lancaster, CA  
Approx Center: -118.157594,34.7441892

Order No: 22050500704





one inch



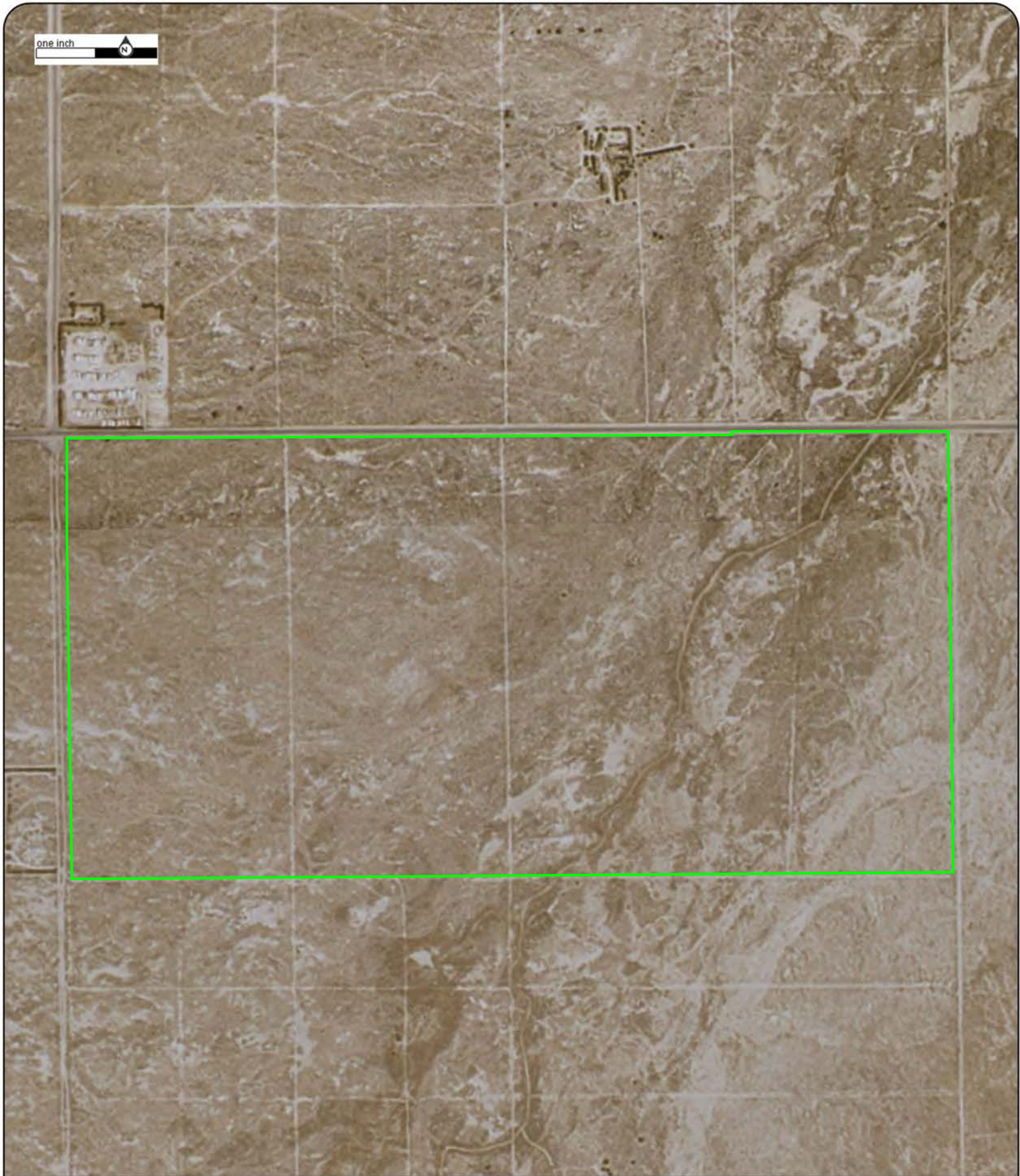
Year: 2005  
Source: USDA  
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Comment:

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Approx Center: -118.157594,34.7441892

Order No: 22050500704



one inch

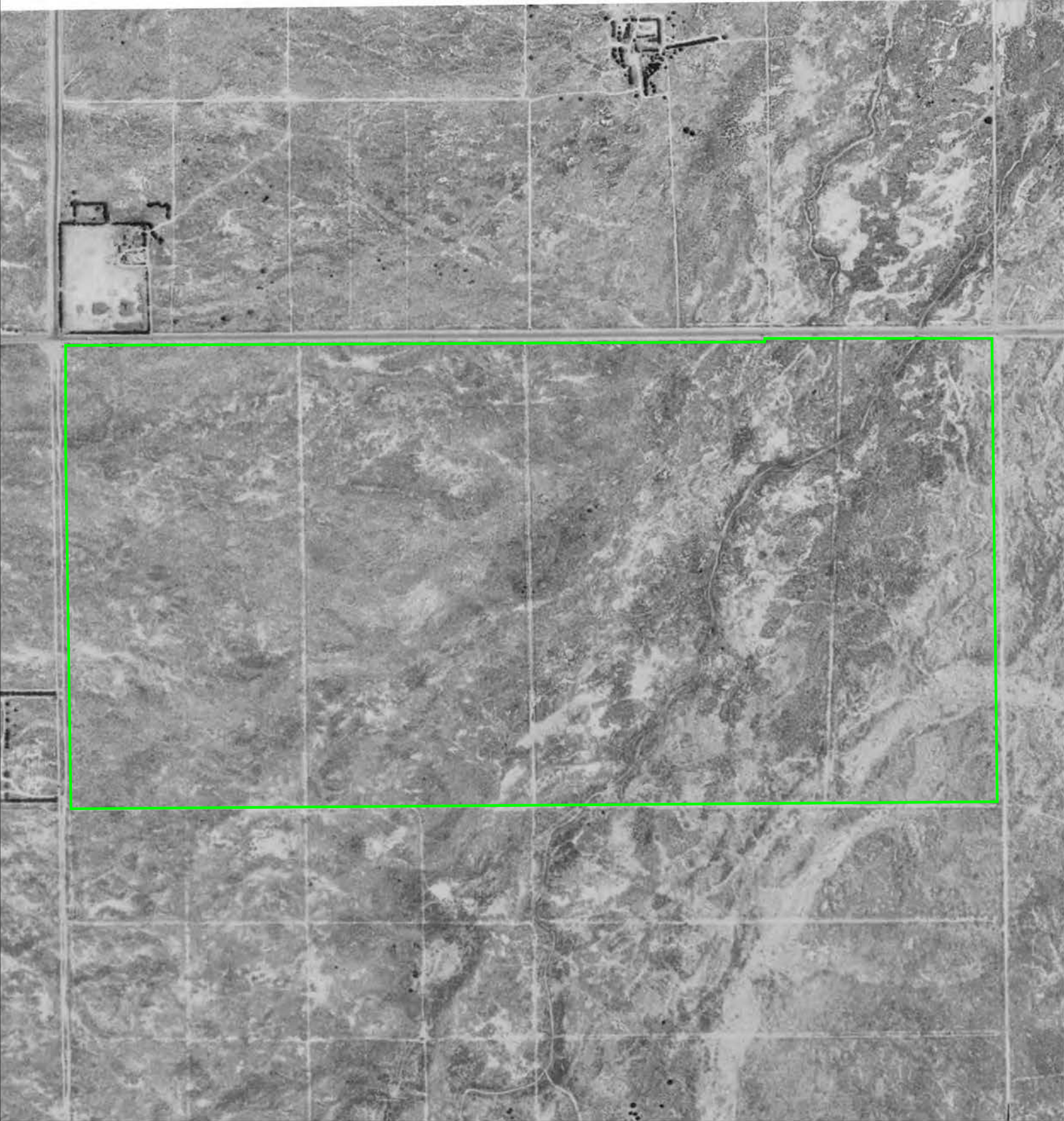


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Source: USDA  
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Approx Center: -118.157594,34.7441892

Order No: 22050500704





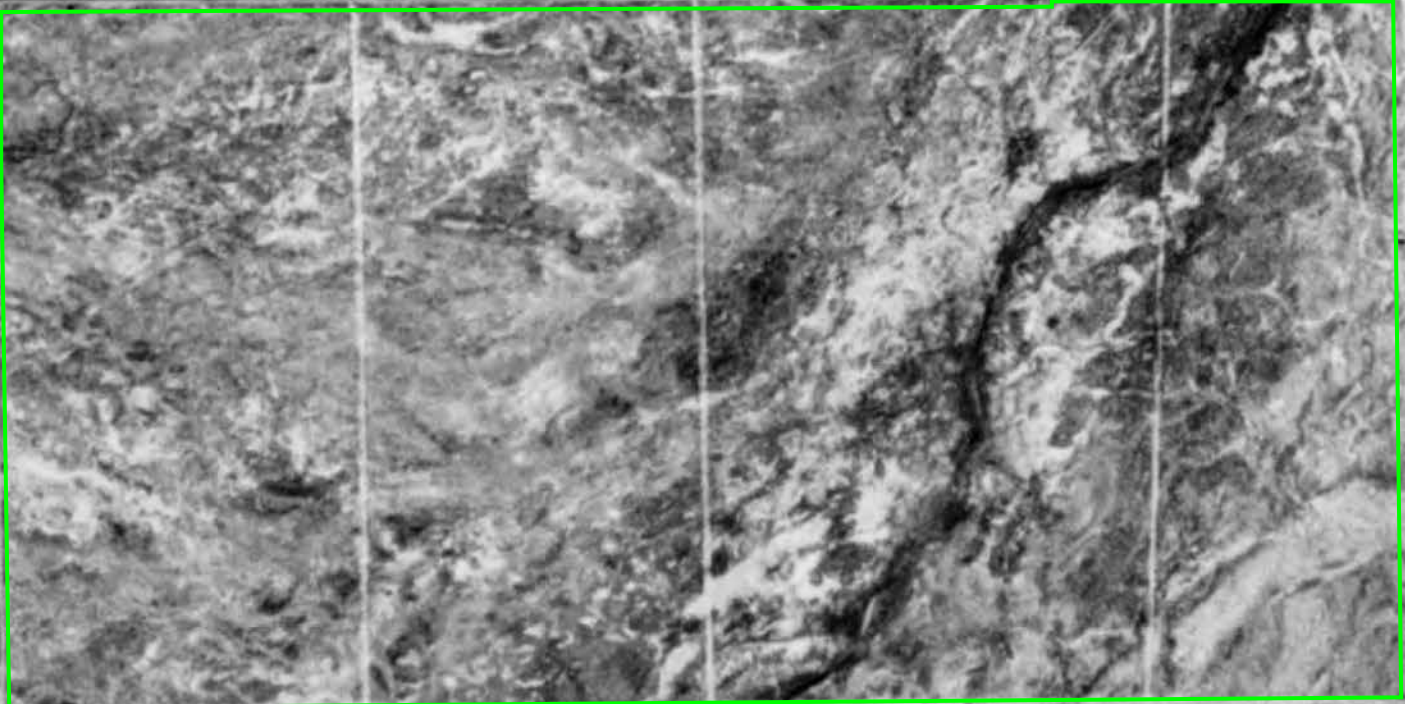
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Source: USGS  
Scale: 1" = 700'  
Comment:

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Approx Center: -118.157594,34.7441892

Order No: 22050500704



one inch



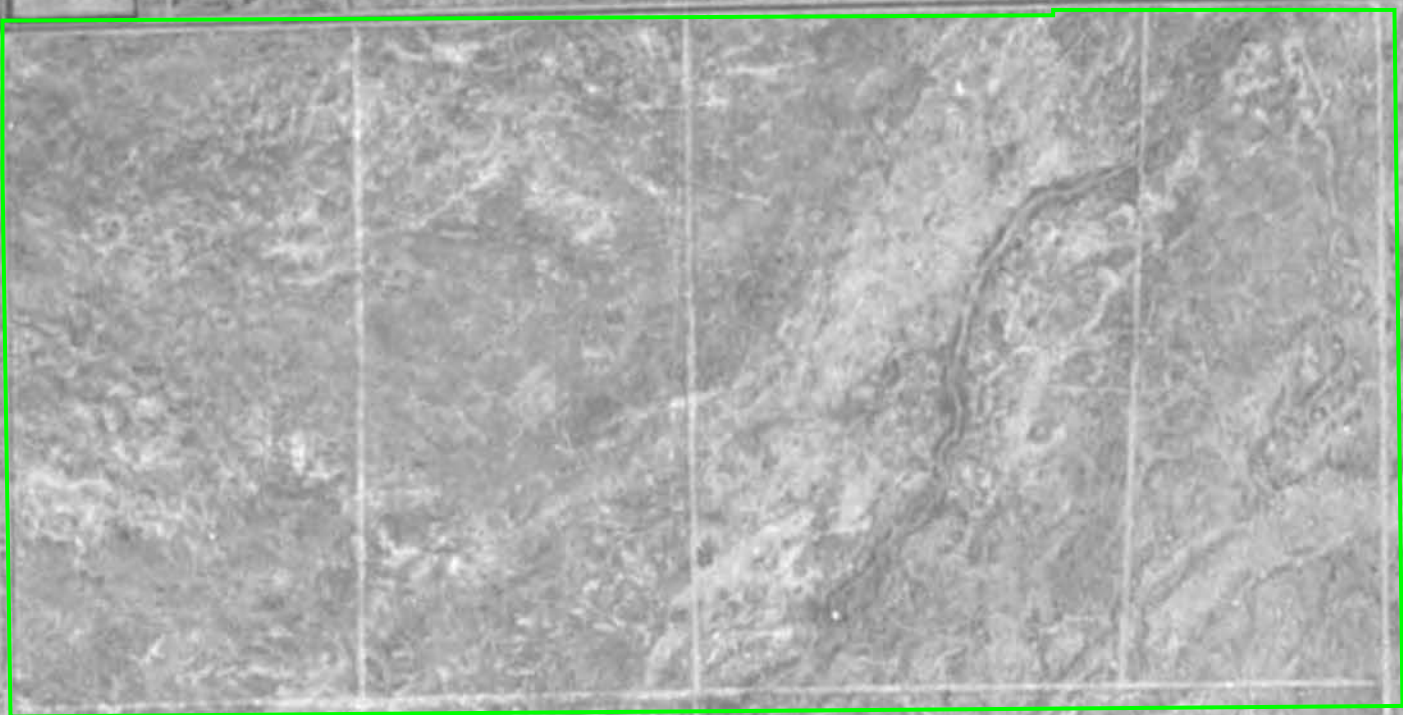
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Source: USGS  
Scale: 1" = 700'  
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Approx Center: -118.157594,34.7441892

Order No: 22050500704



one inch



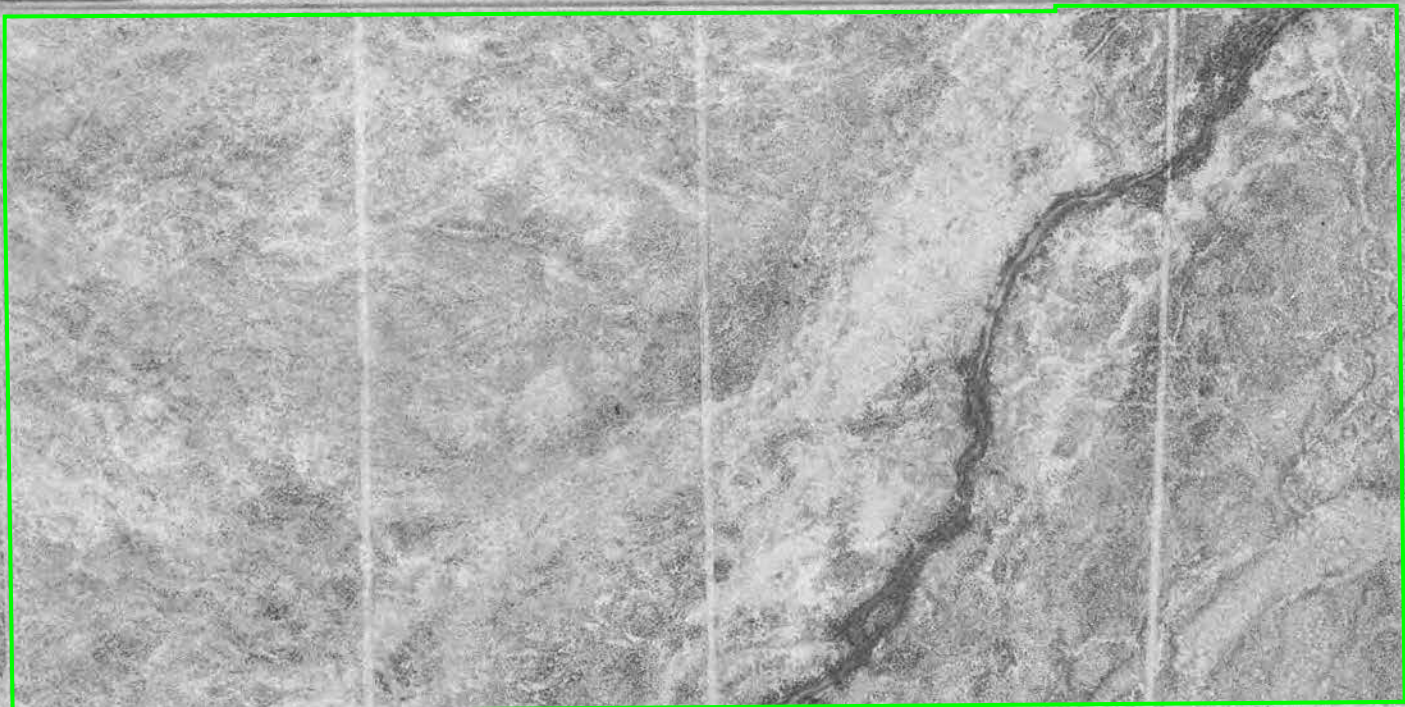
Year: 1980  
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Order No: 22050500704



one inch



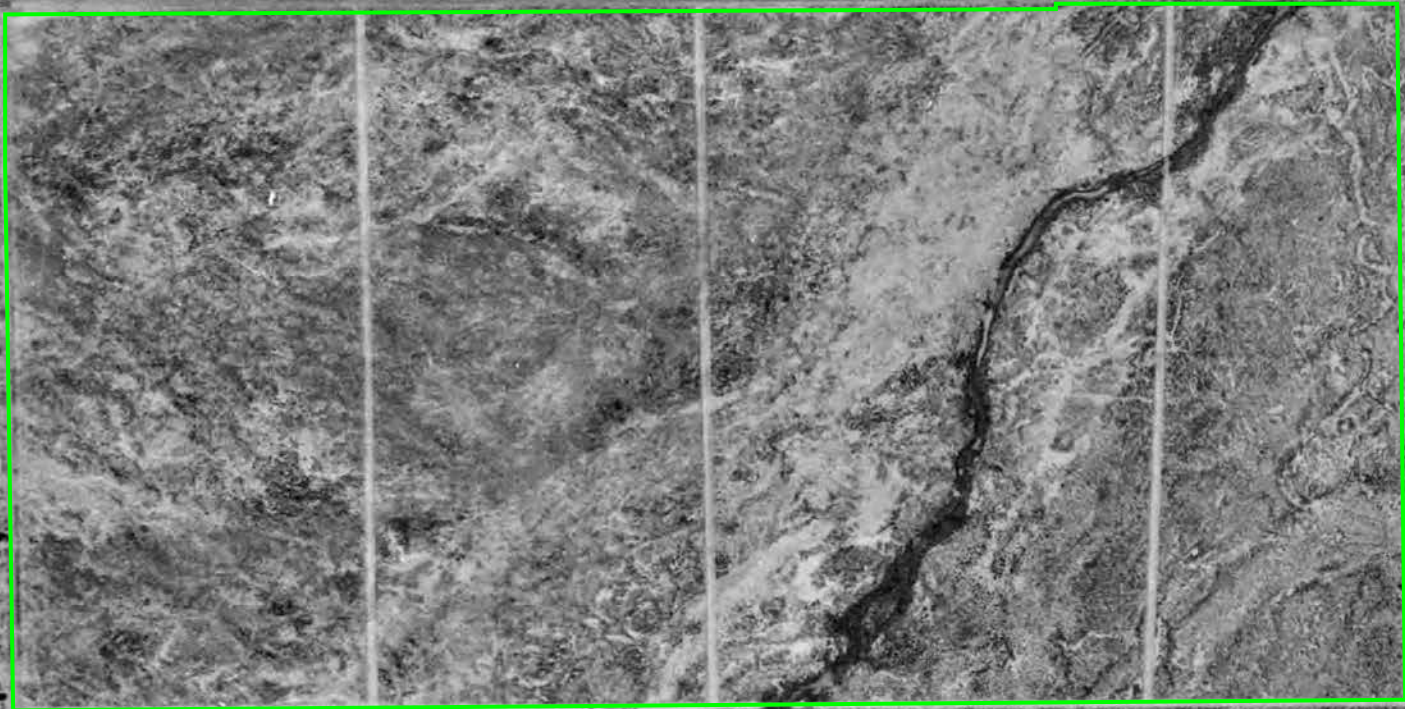
Year: 1974  
Source: USGS  
Scale: 1" = 700'  
Comment:

Address: W Avenue F and 20th Street West, Lancaster, CA  
Approx Center: -118.157594,34.7441892

Order No: 22050500704



one inch



Year: 1968  
Source: TG  
Scale: 1" = 700'  
Comment:

Address: W Avenue F and 20th Street West, Lancaster, CA  
Approx Center: -118.157594,34.7441892

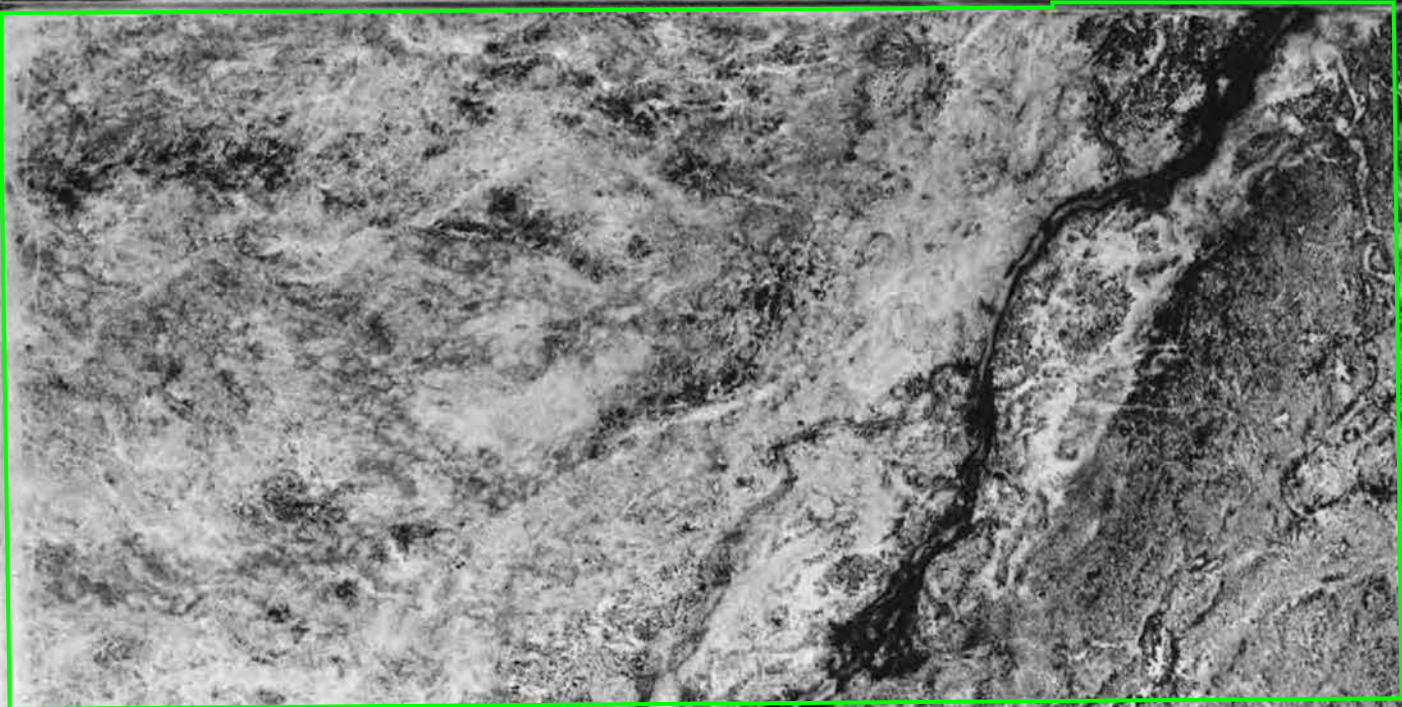
Order No: 22050500704



one inch



AXJ - 3 W



Year: 1959  
Source: ASCS  
Scale: 1" = 700'  
Comment:

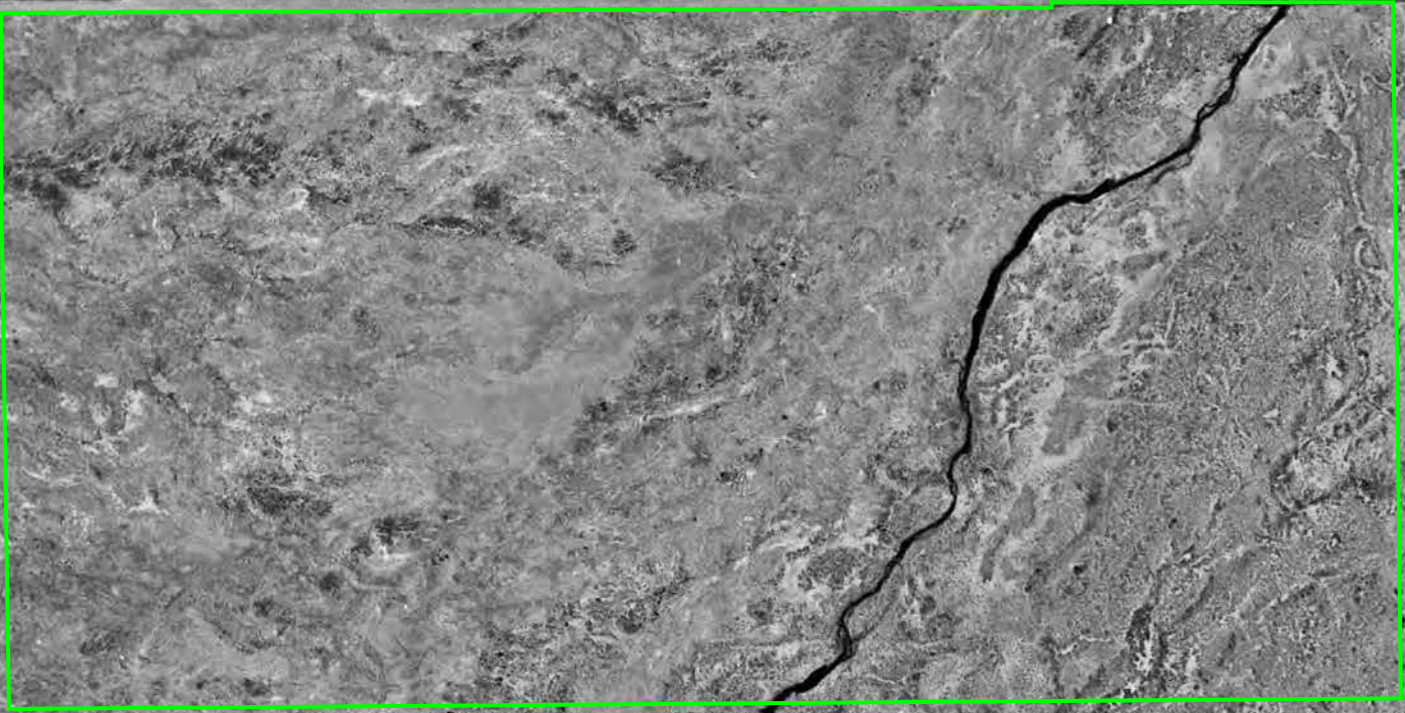
Address: W Avenue F and 20th Street West, Lancaster, CA  
Approx Center: -118.157594,34.7441892

Order No: 22050500704





one inch



Year: 1953  
Source: ASCS  
Scale: 1" = 700'  
Comment:

Address: W Avenue F and 20th Street West, Lancaster, CA  
Approx Center: -118.157594,34.7441892

Order No: 22050500704



one inch



Year: 1948  
Source: ASCS  
Scale: 1" = 700'  
Comment:

Address: W Avenue F and 20th Street West, Lancaster, CA  
Approx Center: -118.157594,34.7441892

Order No: 22050500704



one inch



Year: 1928  
Source: FAIRCHILD  
Scale: 1" = 700'  
Comment:

Address: W Avenue F and 20th Street West, Lancaster, CA  
Approx Center: -118.157594,34.7441892

Order No: 22050500704





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# TOPOGRAPHIC MAPS

**Project Property:** Proposed Industrial Warehouse Facility  
W Avenue F and 20th Street West  
Lancaster CA None

**Project No:** 22-12841

**Requested By:** Rincon Consultants, Inc.

**Order No:** 22050500704

**Date Completed:** May 06, 2022

**Environmental Risk Information Services**

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We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
2022	7.5
2018	7.5
2015	7.5
1974	7.5
1973	7.5
1958	7.5
1948	7.5
1947	7.5
1933	7.5
1930	7.5
1958	15
1956	15
1943	15

**Topographic Map Symbology for the maps may be available in the following documents:**

*Pre-1947*

[Page 223 of 1918 Topographic Instructions](#)

[Page 130 of 1928 Topographic Instructions](#)

*1947-2009*

[Topographic Map Symbols](#)

*2009-present*

[US Topo Map Symbols](#)

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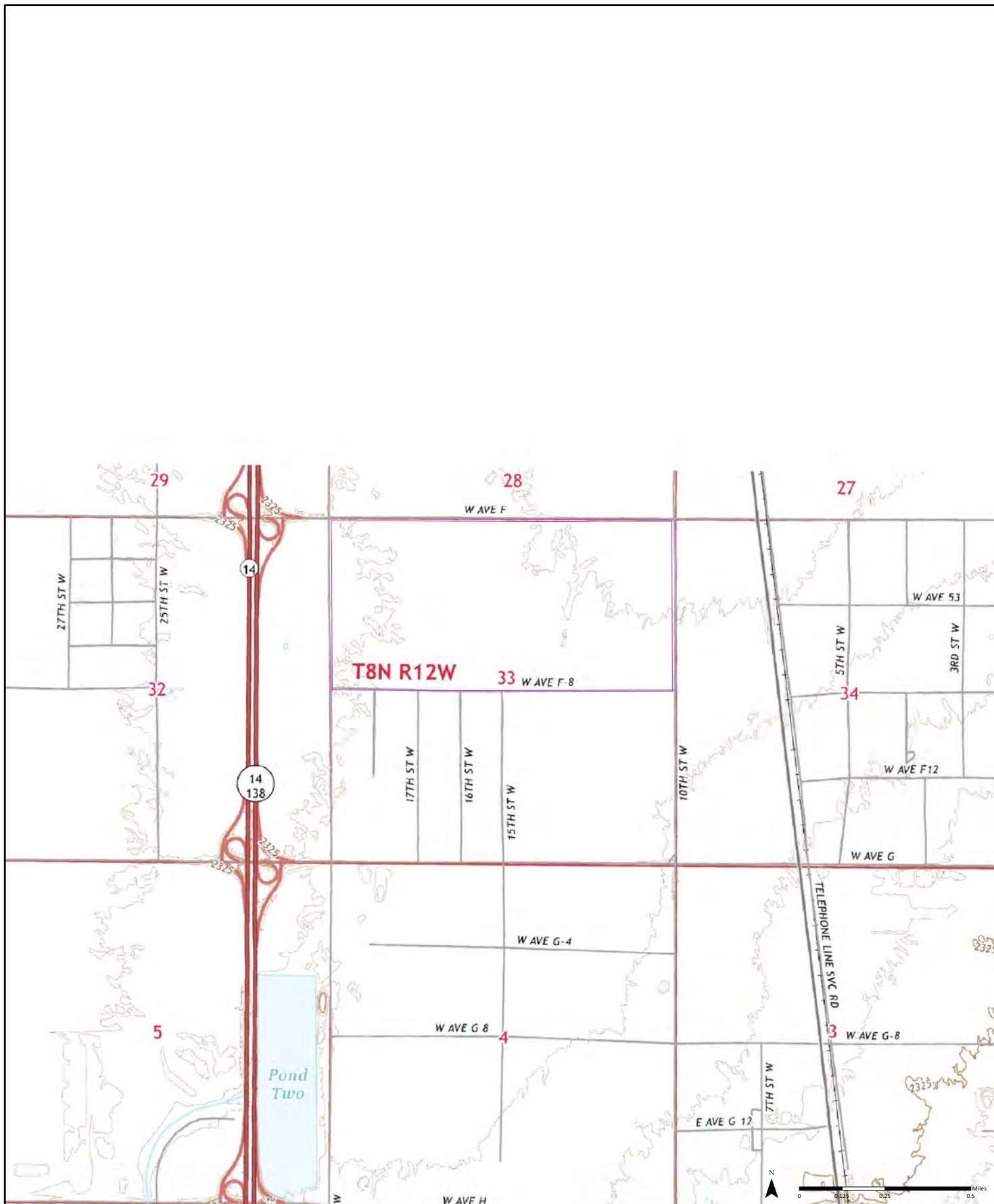
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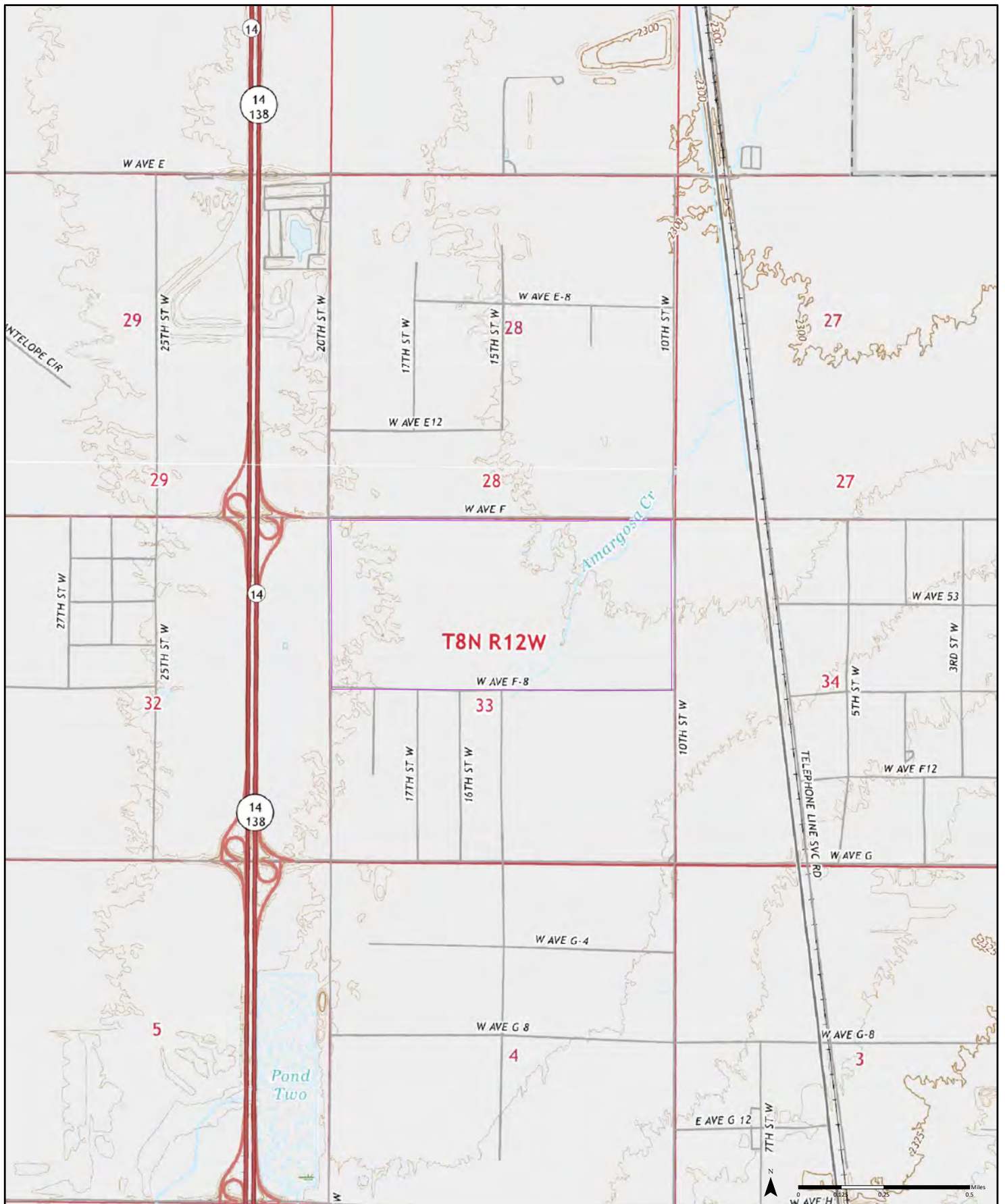
---

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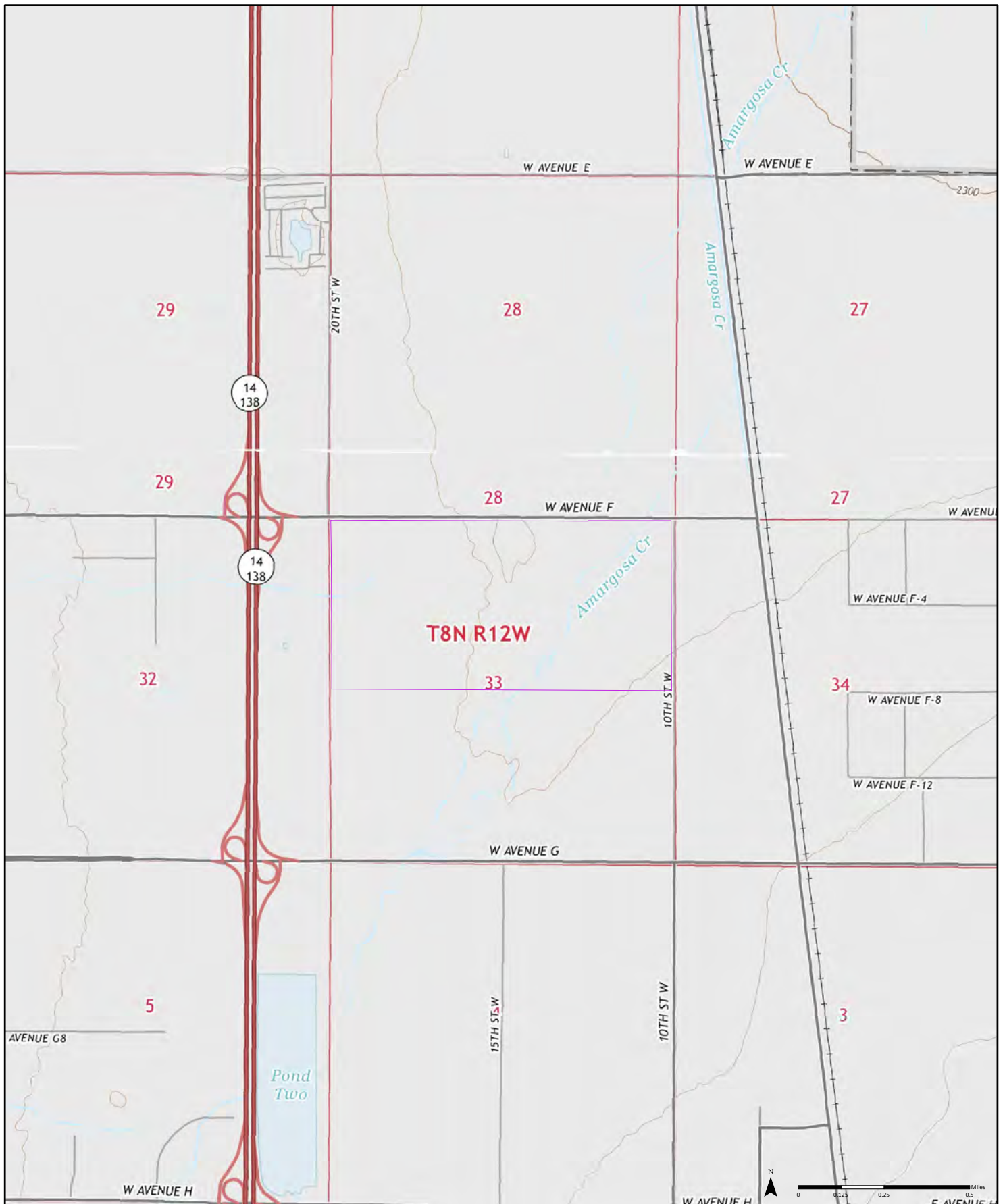
2018

Quadrangle(s): Rosamond, CA; Lancaster West, CA

Order No. 22050500704

Source: USGS 7.5 Minute Topographic Map





2015

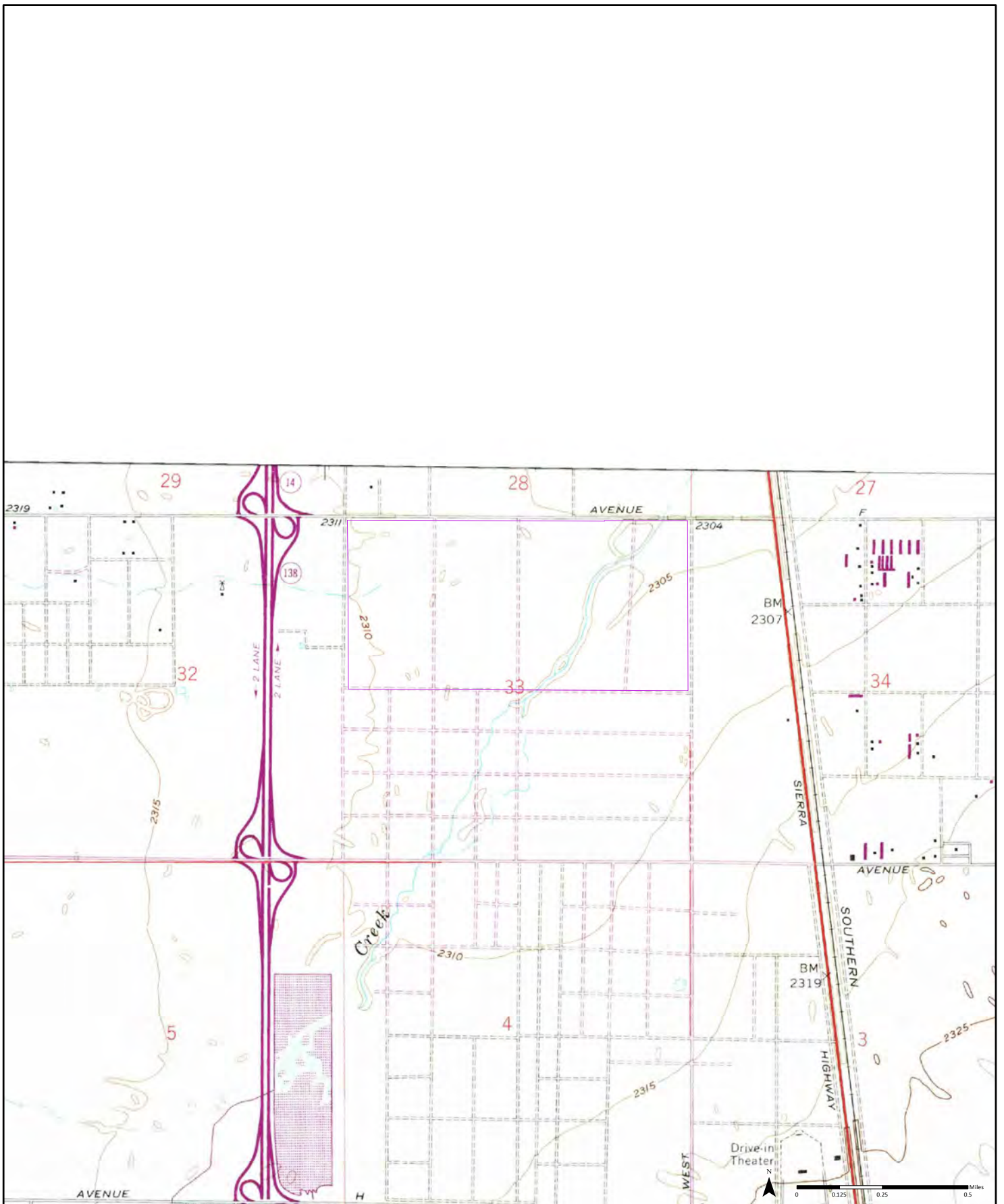
Quadrangle(s): Lancaster West, CA; Rosamond, CA

Order No. 22050500704

Source: USGS 7.5 Minute Topographic Map







1974

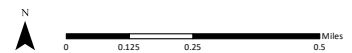
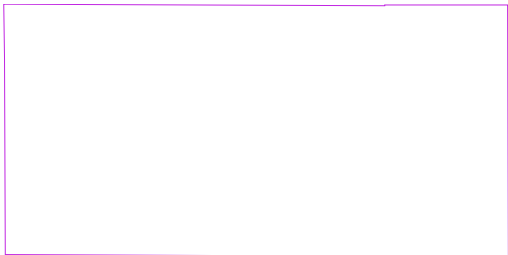
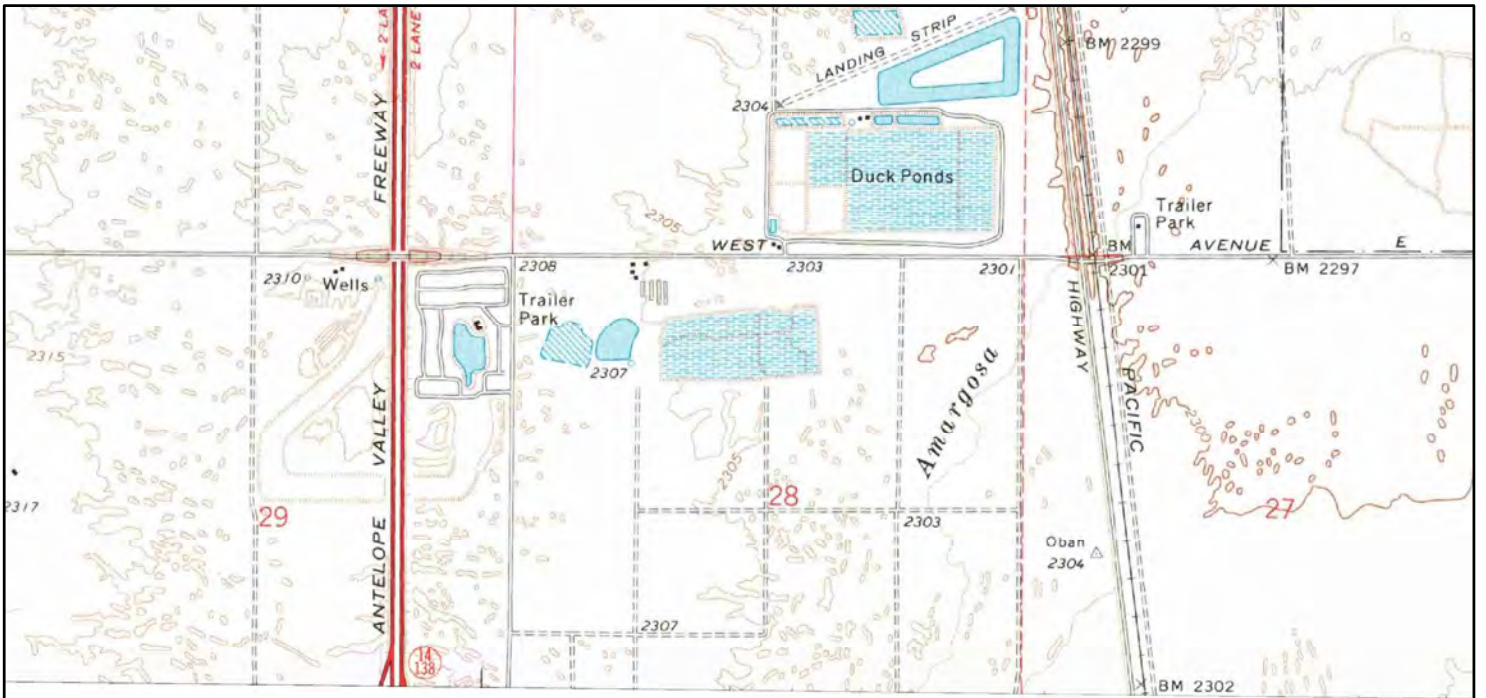
<sup>(1)</sup>  
Aerial Photo Year: 1974  
Photo Revision Year: 1974

Quadrangle(s): Lancaster West, CA<sup>(1)</sup>

Order No. 22050500704

Source: USGS 7.5 Minute Topographic Map





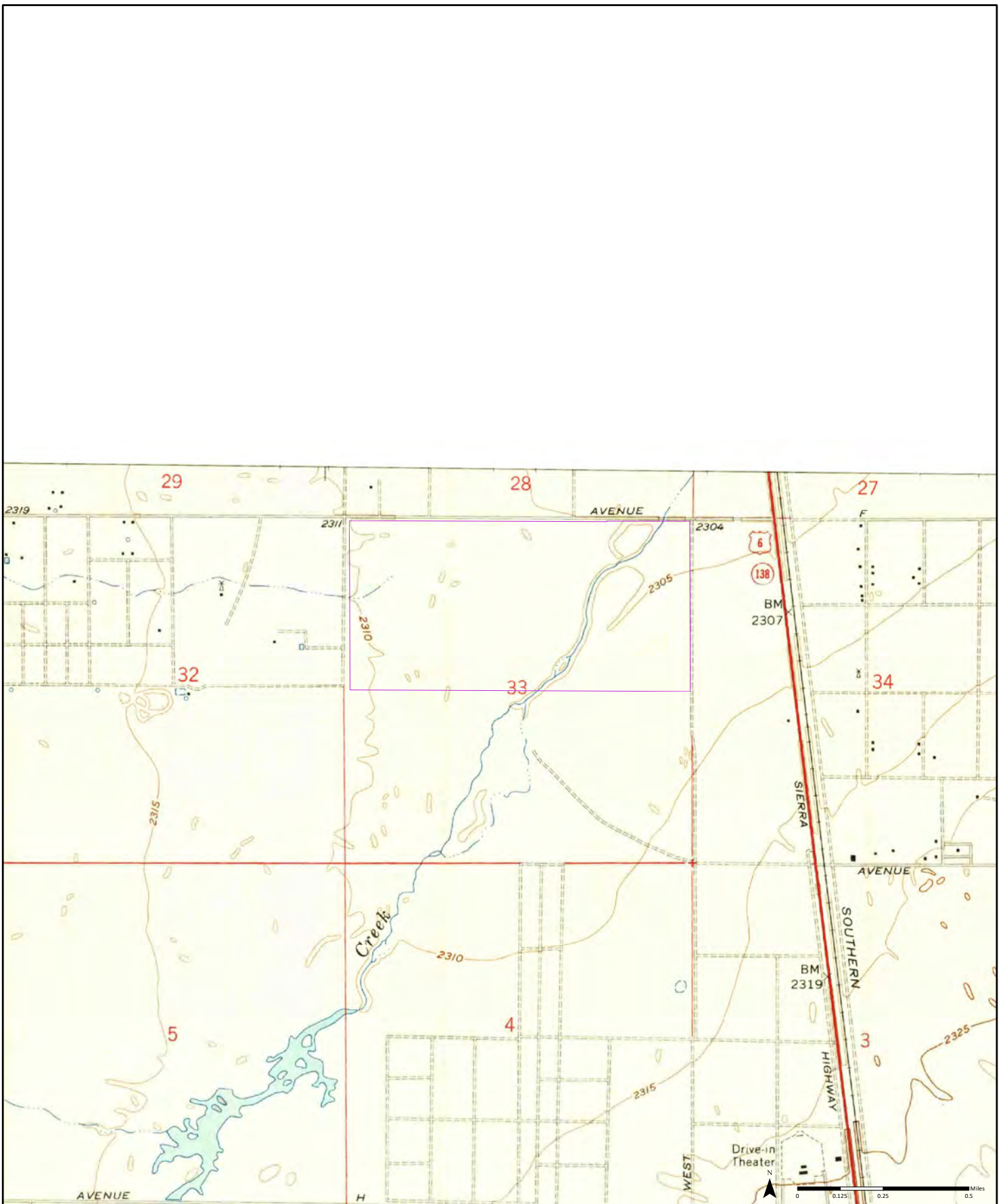
1973 <sup>(1)</sup> Aerial Photo Year: 1972

Quadrangle(s): Rosamond, CA(1)

Order No. 22050500704

Source: USGS 7.5 Minute Topographic Map





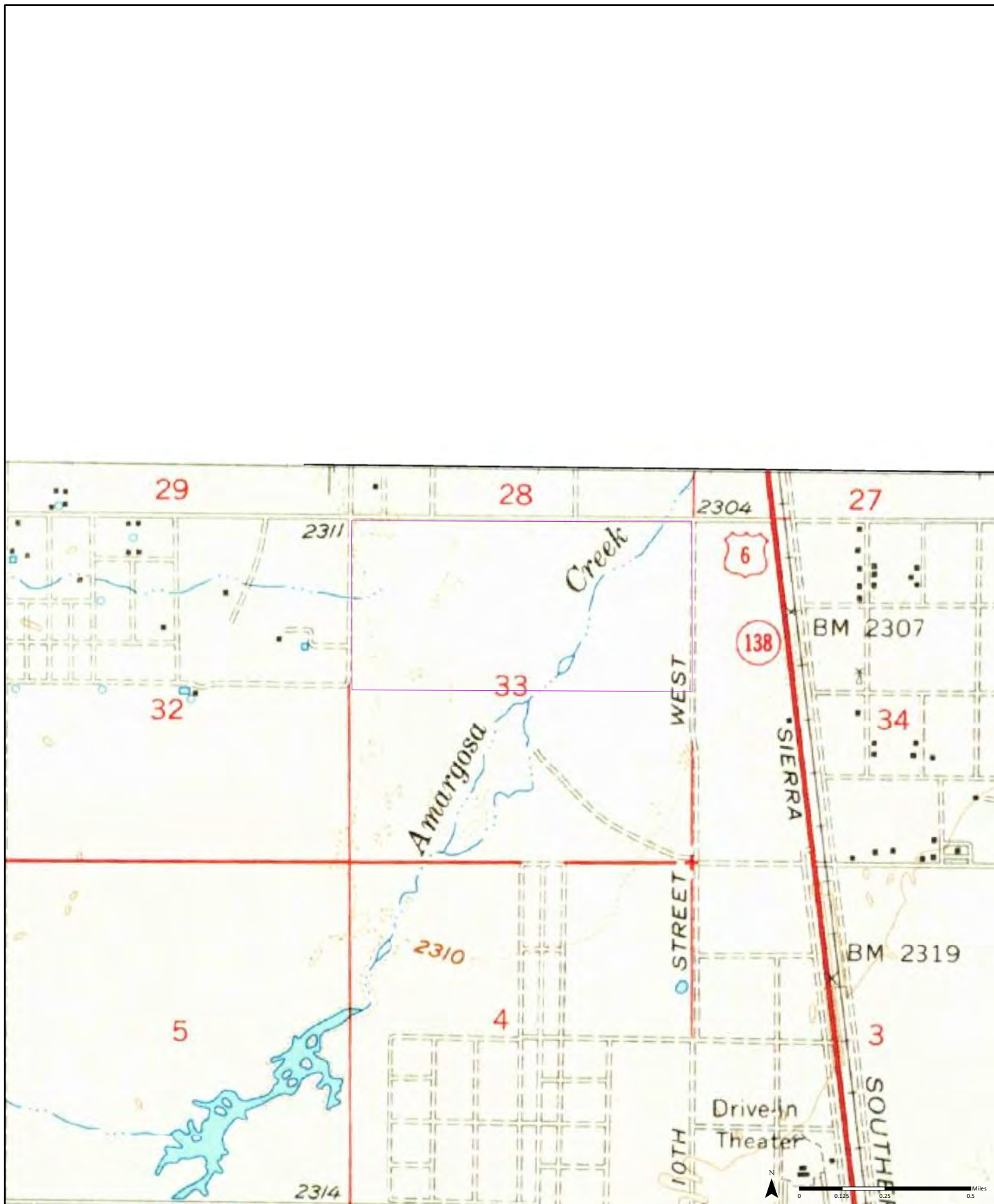
1958 <sup>(1)</sup> Aerial Photo Year: 1956

Quadrangle(s): Lancaster West, CA<sup>(1)</sup>

Order No. 22050500704

Source: USGS 7.5 Minute Topographic Map





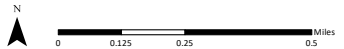
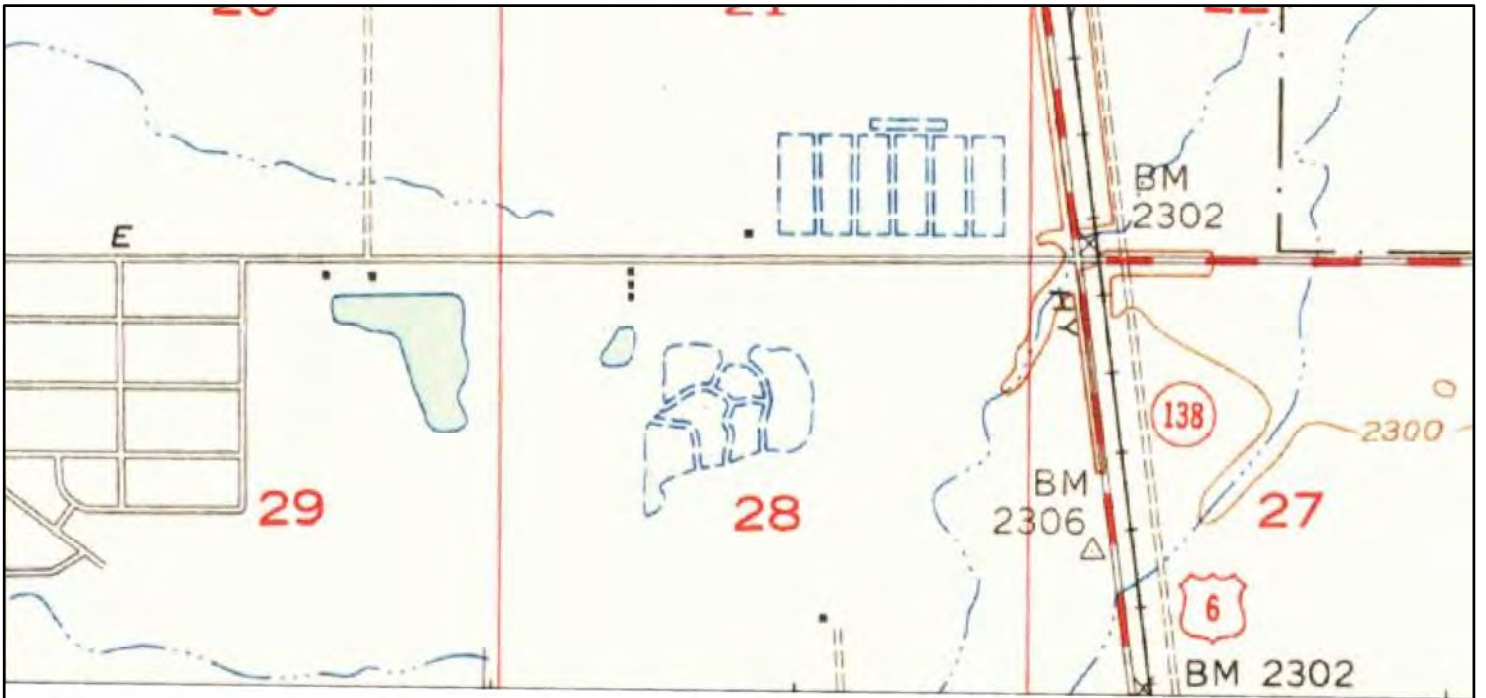
1958 <sup>(1)</sup> Aerial Photo Year: 1956

Quadrangle(s): Lancaster, CA<sup>(1)</sup>

Order No. 22050500704

Source: USGS 15 Minute Topographic Map





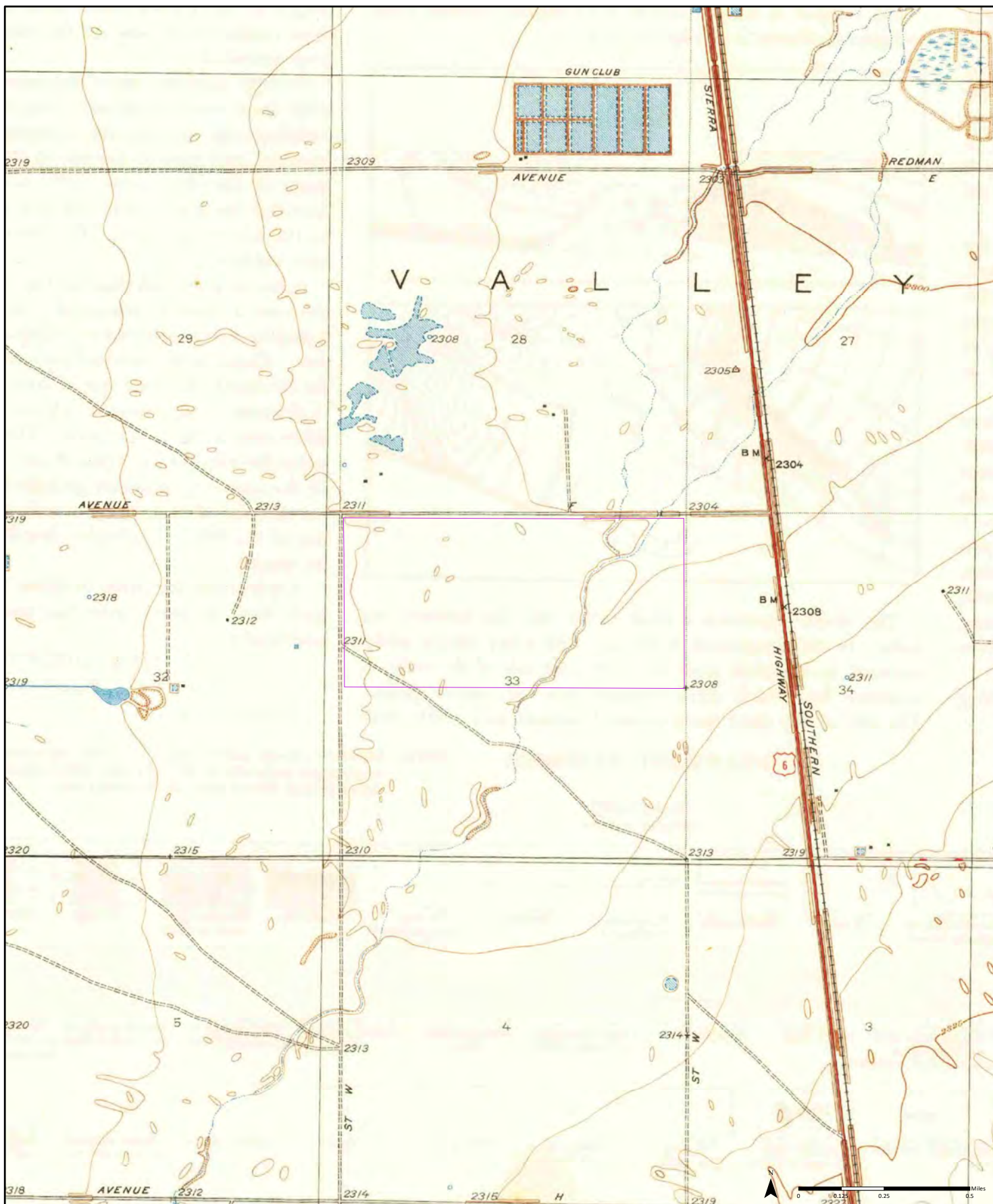
1956 <sup>(1)</sup>  
Aerial Photo Year: 1952

Quadrangle(s): Rosamond, CA<sup>(1)</sup>

Order No. 22050500704

Source: USGS 15 Minute Topographic Map





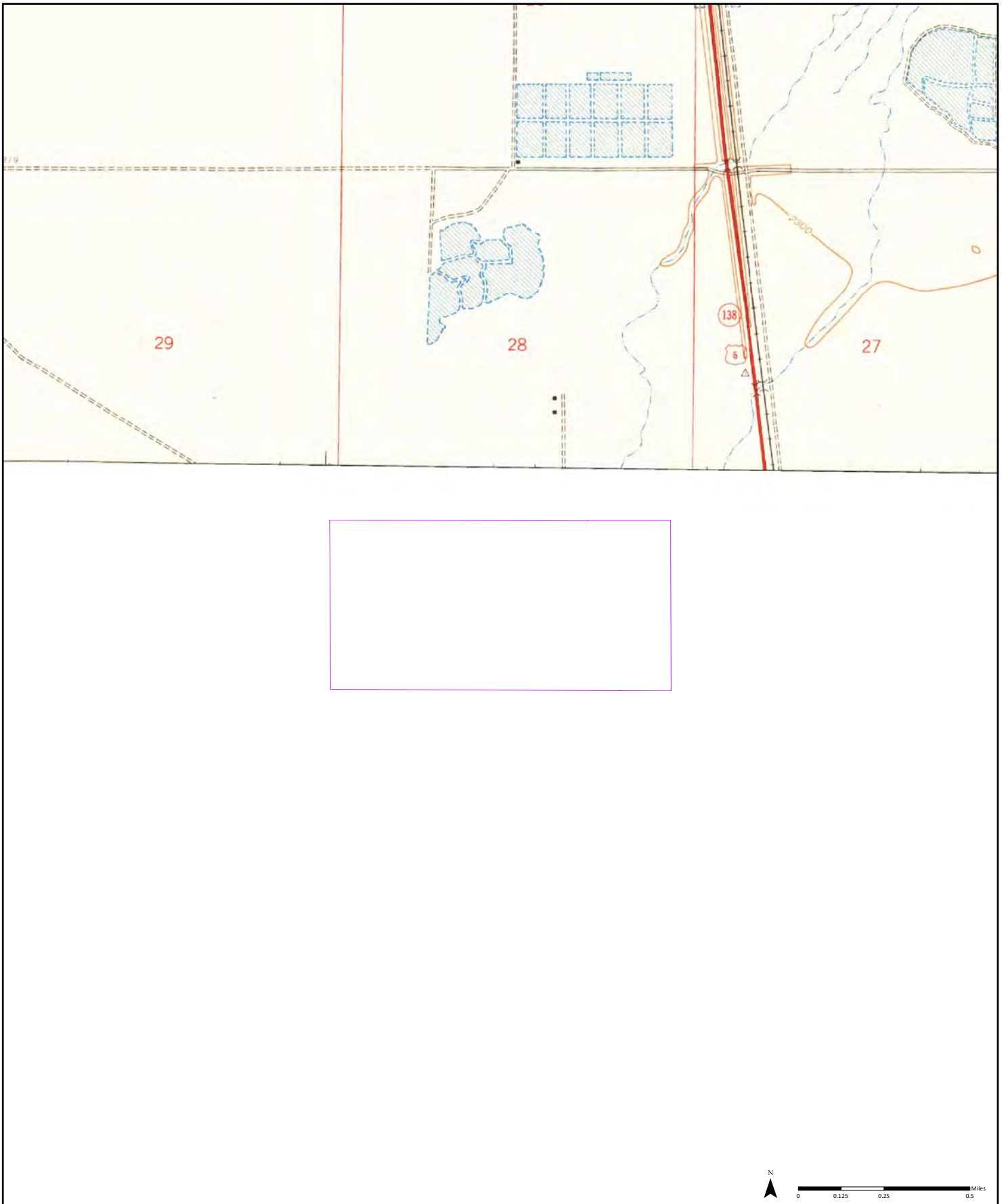
1948

Quadrangle(s): Oban, CA

Order No. 22050500704

Source: USGS 7.5 Minute Topographic Map





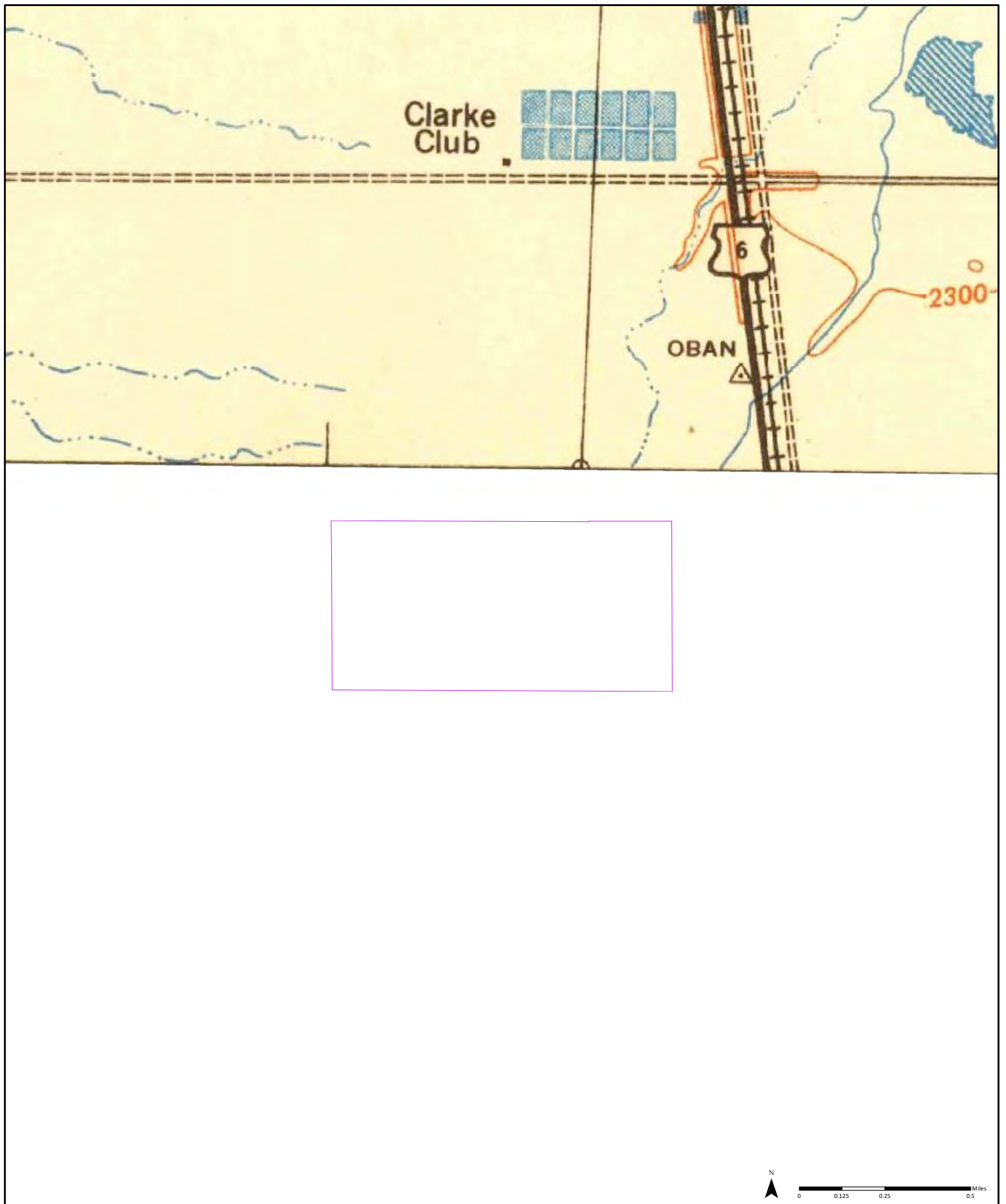
1947 <sup>(1)</sup>  
Aerial Photo Year: 1946

Quadrangle(s): Rosamond, CA(1)

Order No. 22050500704

Source: USGS 7.5 Minute Topographic Map





1943

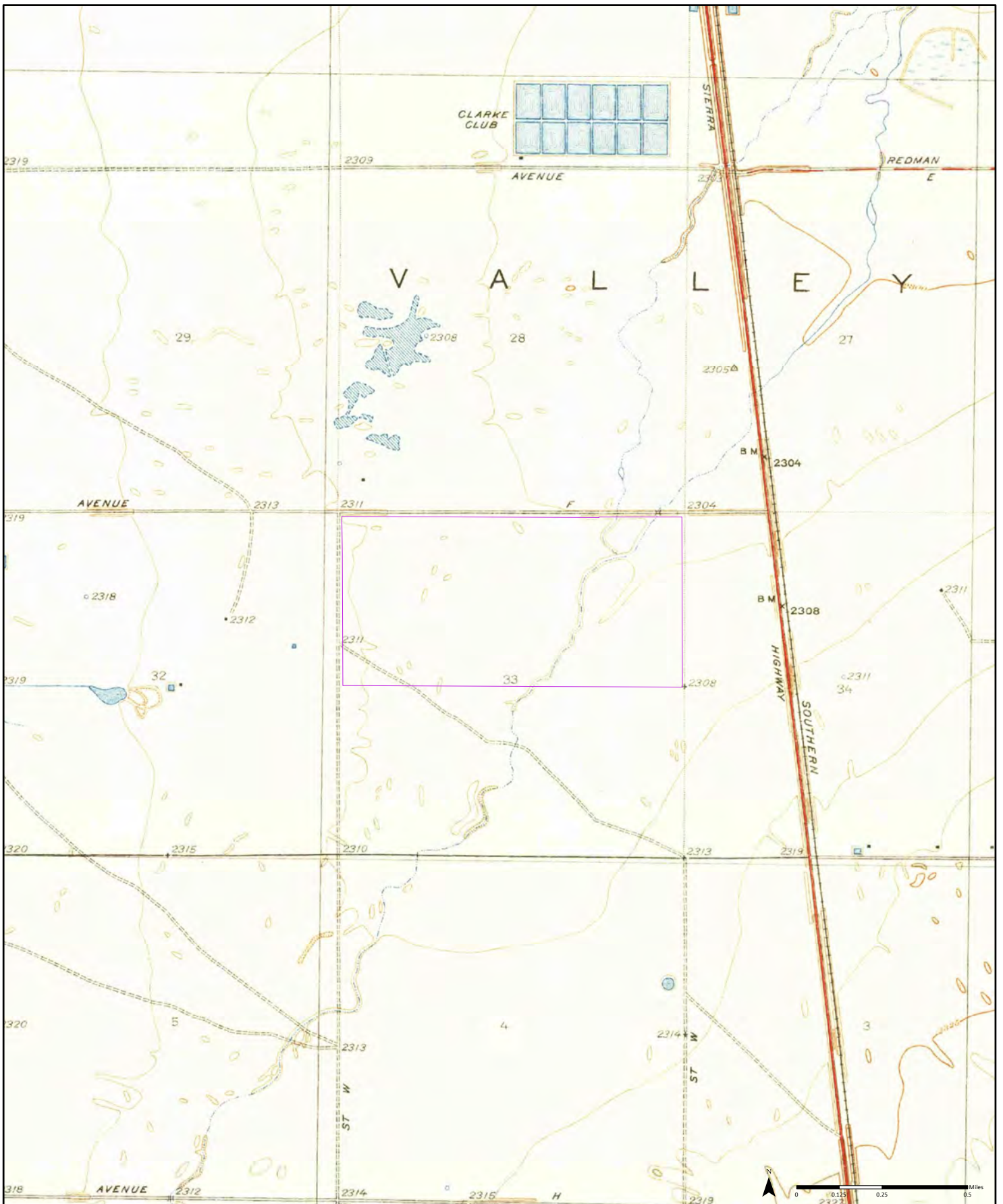
Quadrangle(s): Rosamond, CA

Order No. 22050500704

Source: USGS 15 Minute Topographic Map







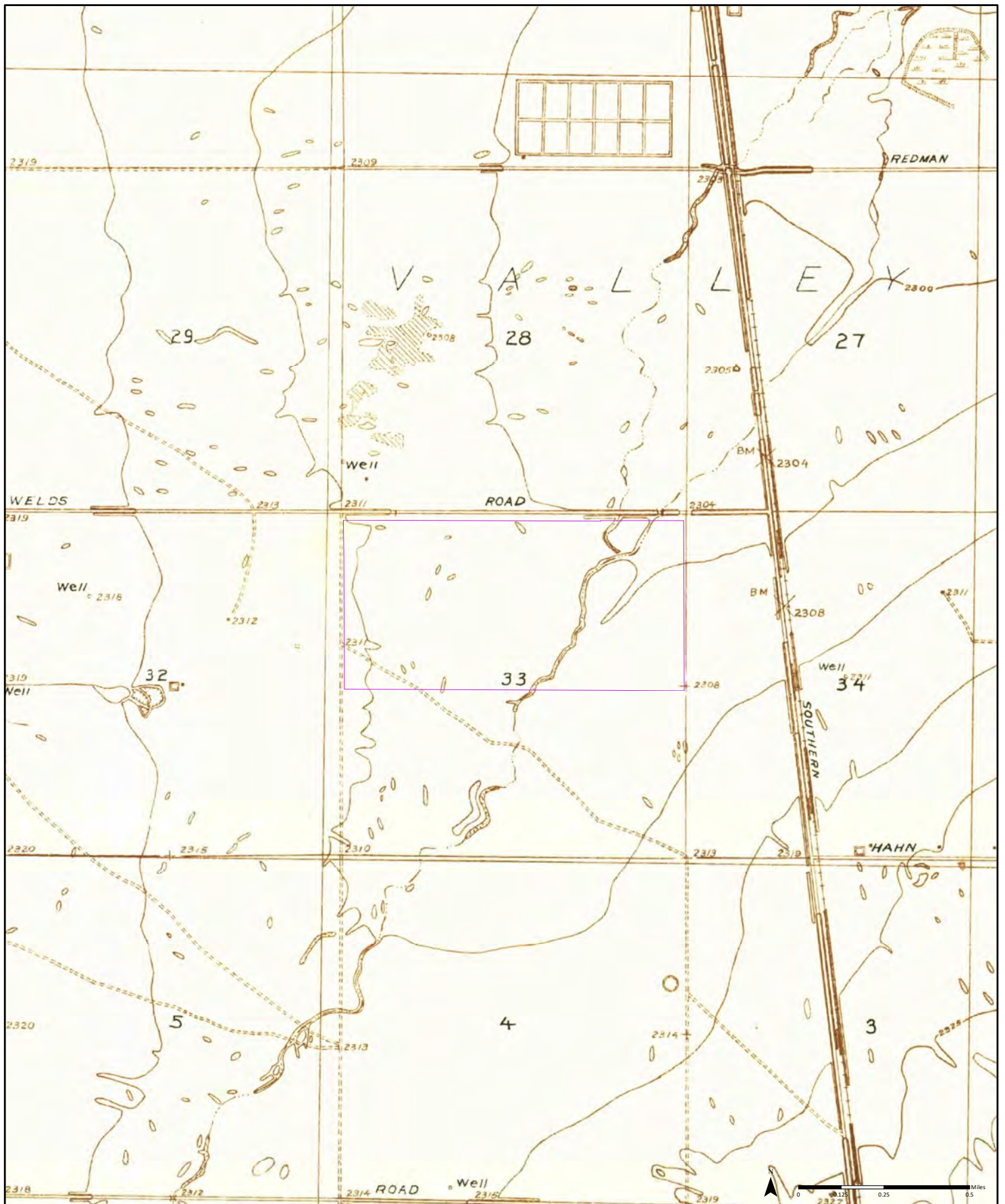
1933

Quadrangle(s): Oban, CA

Order No. 22050500704

Source: USGS 7.5 Minute Topographic Map





1930

Quadrangle(s): Oban, CA

Order No. 22050500704

Source: USGS 7.5 Minute Topographic Map





—  
FIRE  
INSURANCE  
MAPS

**Project Property:** Proposed Industrial Warehouse Facility  
W Avenue F and 20th Street West  
Lancaster CA

**Project No:** 22-12841

**Requested By:** Rincon Consultants, Inc.

**Order No:** 22050500704

**Date Completed:** May 06, 2022

---

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



---

CITY  
**DIRECTORY**

**Project Property:** *Proposed Industrial Warehouse Facility  
W Avenue F and 20th Street West  
Lancaster, CA*

**Project No:** *22-12841*

**Requested By:** *Rincon Consultants, Inc.*

**Order No:** *22050500704*

**Date Completed:** *May 11, 2022*

**Environmental Risk Information Services**

*A division of Glacier Media Inc.*

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May 11, 2022  
RE: CITY DIRECTORY RESEARCH  
W Avenue F and 20th Street West  
Lancaster,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:**

ALL of 20th Street W  
500-2550 of W Avenue F

**Search Notes:**

## Search Results Summary

Date	Source	Comment
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2013	DIGITAL BUSINESS DIRECTORY	
2009	DIGITAL BUSINESS DIRECTORY	
2006	HAINES	
2003	DIGITAL BUSINESS DIRECTORY	
2000	DIGITAL BUSINESS DIRECTORY	
1995	HAINES	
1991-92	HAINES	
1987	HAINES	
1981	HAINES	
1975	HAINES	

### Environmental Risk Information Services

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NO LISTING FOUND

- 805 BENT RIM ALLOY WHEEL REPAIR...AUTOMOBILE HUB CAPS
- 825 BRINK'S INC...BUSINESS SERVICES NEC
- 825 BRINK'S INC...ARMORED CAR SERVICE
- 1033 WEST COAST BUILDERS...BUILDING CONTRACTORS

NO LISTING FOUND

825 BRINK'S INC...ARMORED CAR SERVICE  
907 NANCY NAIL...EYELASHES-ARTIFICIAL  
2548 ENEDINA MARTINEZ...RESIDENTIAL



NO LISTING FOUND

- 805 **AUTO GLASS 2000 INC...**AUTOMOBILE GLASS-SERVICE & INSTALLATION
- 813 **TALCA MACHINING...**MACHINE SHOPS (MFRS)
- 825 **BRINK'S INC...**ARMORED CAR SERVICE

NO LISTING FOUND

- 813 TALCA MACHINING...MACHINE SHOPS
- 813 TALCA MACHINING...INDUSTRIAL MCHY NEC
- 907 NANCY NAIL...BEAUTY SHOPS
- 907 NANCY NAIL...MANICURING
- 1033 WEST COAST BUILDERS...GEN REMOD 1-FAM HOUSE
- 1915 WASHINGTON MUTUAL...NATIONAL COML BANKS
- 1915 WASHINGTON MUTUAL...BANKS

STREET NOT LISTED

W AVENUE F 93534  
LANCASTER

WEALTH CODE 2

X 5TH ST W

506 ● HAMMONDS Erlinda 00 9

X 10TH ST W

1815 ● SLOCUM Gene 00 +6

★ 0 BUS 2 RES 1 NEW

W AVENUE F 93536  
LANCASTER

WEALTH CODE 5.4

X 25TH ST W

2548 ● MARTINEZ Leopoldo 661-942-4149 3

2740 ● FLORES Emerson 661-948-8616

2741 JONES Cona 661-942-3804

2866 ● WATERS John 661-948-8114 7

3663 ★ TRUE HOLINESS 661-945-8032

CHURCH OF GOD

X 36TH ST W

NO LISTING FOUND

1815 MARY HARTZFELD...RESIDENTIAL

NO LISTING FOUND

1815 HARTZFELD MARY...RESIDENTIAL

STREET NOT LISTED

AVENUE F WEST 93536  
LANCASTER

1815 HARTZFELD Mary  
2740 • KATRAOURAS John

940-9428 4  
00 +5  
012-3804

STREET NOT LISTED

RANGE NOT LISTED

**1987**

**20TH STREET W**

SOURCE: HAINES

STREET NOT LISTED

**1987**

**W AVENUE F**

SOURCE: HAINES

RANGE NOT LISTED



STREET NOT LISTED

AVENUE F WEST 93534  
LANCASTER

157	HEMBY CHAS JR	945-3318 +1
506	DOBBINS KENNETH	942-1518 +1
2741	JONES CONA	942-3804

STREET NOT LISTED

AVENUE F WEST 93534 LANCASTER

506 MONSON WM

948-9129+5

1815 XXXX

00

2741 JONES CONA

942-3804