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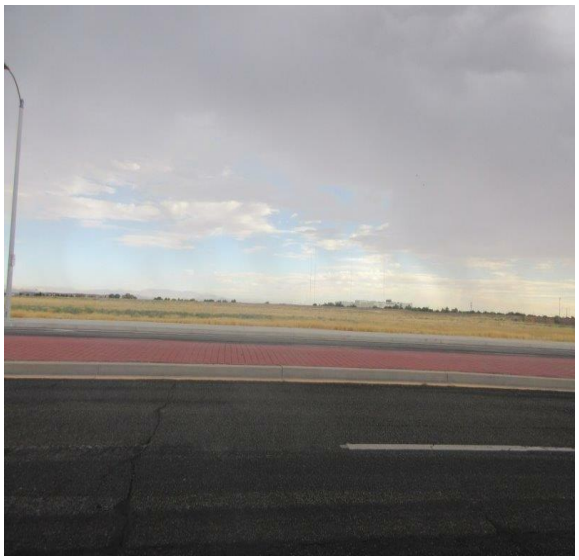


PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

Desert Meadows Apartments and Townhomes

30th Street West & West Lancaster Boulevard
Lancaster, California 93536

Report Date

August 11, 2023

Partner Project No.

23-417216.1

Prepared for:

Guardian Capital
5780 Fleet Street
Carlsbad, California 92008

Building Science | Environmental Consulting | Construction & Development | Energy & Sustainability

PARTNER

August 11, 2023

Mr. Glen Powles
Guardian Capital
5780 Fleet Street
Carlsbad, California 92008

Subject: Phase I Environmental Site Assessment
Desert Meadows Apartments and Townhomes
30th Street West & West Lancaster Boulevard
Lancaster, California 93536
Partner Project No. 23-417216.1

Dear Mr. Powles:

Partner Engineering and Science, Inc. (Partner) is pleased to provide this Phase I Environmental Site Assessment (Phase I ESA) report of the abovementioned address (the "subject property"). This assessment was performed in conformance with the scope and limitations as detailed in the ASTM Practice E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and Client Agreement.

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

We appreciate your trust in Partner and the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at 909-224-8542.

Sincerely,

Megan Nielsen
National Client Manager

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in accordance with the scope of work and limitations of ASTM Practice E1527-21, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by Guardian Capital for the property located at 30th Street West & West Lancaster Boulevard in Lancaster, Los Angeles County, California (the "subject property"). The Phase I Environmental Site Assessment is designed to provide Guardian Capital with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject property is located on the northeast corner of 30th Street West and West Lancaster Boulevard within a residential and commercial area of Los Angeles County. Please refer to the table below for a further description of the subject property:

Subject Property Data	
Address(es):	30th Street West & West Lancaster Boulevard, Lancaster, California
Additional Current Address(es):	None Reported
Historical Address(es):	None Reported
Property Use:	Vacant land
Land Acreage (Ac):	20.17 acres
Number of Buildings:	None
Parcel Number:	3153-034-087
Current Tenants:	The property is unoccupied.
Site Assessment Performed By:	Nasim Ahmed of Partner
Site Assessment Conducted On:	August 7, 2023
Regulatory Radius Report Date:	August 2, 2023
Lien Search Date:	N/A
Report Date:	August 11, 2023
FOIAs Date:	August 4, 2023

The subject property is currently vacant land covered with natural vegetations, weeds and trees. There is a large soil mound located on the western portion of the property. Additionally, there are several dirt piles located on the southwestern and western portions of the property. No evidence of discoloration and/or environmental concerns were noted in the vicinity of the soil mound and dirt piles. The property is unoccupied. No operations are currently conducted on the property, nor are there any other improvements.

According to available historical sources, the subject property was formerly undeveloped as early as 1928; and has been vacant land since 1994. There is no tenant history for the subject property.

The adjoining properties are tabulated below:

Adjoining Properties	
North:	Vacant land
East:	Flood control channel followed by vacant land
Southeast:	Flood control channel and West Lancaster Boulevard followed by single-family residences
South:	West Lancaster Boulevard followed by single-family residences
Southwest:	30th Street West and West Lancaster Boulevard followed by single-family residences
West:	30th Street West followed by single-family residences

According to Topographic map interpretation and a previous subsurface investigation conducted on a nearby property, the physical setting features of the subject property identify the terrain as sloping to the northeast with the depth to groundwater in the vicinity of the subject property inferred to be approximately 50 feet below ground surface (bgs) and groundwater flow inferred to be toward the northeast.

Findings and Opinions

Recognized Environmental Condition

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

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

Controlled Recognized Environmental Condition

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

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

Historical Recognized Environmental Condition

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

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

Business Environmental Risk

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

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

Significant Data Gaps

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

Conclusions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of 30th Street West & West Lancaster Boulevard in Lancaster, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of RECs, CRECs, HRECs, or BERs in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

TABLE OF CONTENTS

1.0 INTRODUCTION 1
1.1 Purpose 1
1.2 Scope of Work 1
1.3 Limitations 2
1.4 User Reliance 2
1.5 Limiting Conditions 3
2.0 SITE DESCRIPTION 4
2.1 Site Location and Legal Description 4
2.2 Current Property Use 4
2.3 Current Use of Adjoining Properties 4
2.4 Physical Setting Sources 4
2.4.1 Topography 4
2.4.2 Hydrology 5
2.4.3 Geology/Soils 5
2.4.4 Flood Zone Information 5
3.0 HISTORICAL INFORMATION 6
3.1 Aerial Photograph Review 6
3.2 Fire Insurance Maps 8
3.3 City Directories 8
3.4 Historical Topographic Maps 11
4.0 REGULATORY RECORDS REVIEW 12
4.1 Regulatory Agencies 12
4.1.1 State Department 12
4.1.2 Health Department 12
4.1.3 Fire Department 12
4.1.4 Building Department 13
4.1.5 Planning Department 13
4.1.6 Oil & Gas Exploration 13
4.1.7 Assessor's Office 14
4.1.8 Air Pollution Control Agency 14
4.1.9 Regional Water Quality Agency 14
4.1.10 Department of Toxic Substances Control 15
4.1.11 Other Agency 15
4.2 Mapped Database Records Search 15
4.2.1 Regulatory Database Summary 16
4.2.2 Subject Property Listings 16
4.2.3 Adjoining Property Listings 16
4.2.4 Surrounding Area Listings of Concern to Subject Property 17
4.2.5 Unplottable Listings 17
5.0 USER PROVIDED INFORMATION AND INTERVIEWS 18
5.1 Interviews 18
5.1.1 Interview with Owner 18
5.1.2 Interview with Report User 19
5.1.3 Interview with Key Site Manager 19
5.1.4 Interviews with Past Owners, Operators and Occupants 19
5.2 User Provided Information 19
5.2.1 Title Records, Environmental Liens, and AULs 19
5.2.2 Specialized Knowledge 19

5.2.3 Actual Knowledge of the User 19
5.2.4 Valuation Reduction for Environmental Issues 19
5.2.5 Commonly Known or Reasonably Ascertainable Information 19
5.2.6 Previous Reports and Other Provided Documentation 19
6.0 SITE RECONNAISSANCE 20
6.1 General Site Characteristics 20
6.1.1 Solid Waste Disposal 20
6.1.2 Sewage Discharge and Disposal 20
6.1.3 Stormwater and Surface Water Drainage 20
6.1.4 Source of Heating and Cooling 20
6.1.5 Wells and Cisterns 20
6.1.6 Wastewater 20
6.1.7 Septic Systems 20
6.1.8 Additional Site Observations 20
6.2 Potential Environmental Hazards 21
6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site 21
6.2.2 Aboveground & Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs) 21
6.2.3 Evidence of Releases 21
6.2.4 Polychlorinated Biphenyls (PCBs) 21
6.2.5 Strong, Pungent or Noxious Odors 21
6.2.6 Pools of Liquid 21
6.2.7 Drains, Sumps and Clarifiers 21
6.2.8 Pits, Ponds and Lagoons 21
6.2.9 Stressed Vegetation 21
6.2.10 Additional Potential Environmental Hazards 21
6.3 Non-ASTM Services 21
6.3.1 Asbestos-Containing Materials (ACMs) 21
6.3.2 Lead-Based Paint (LBP) 22
6.3.3 Radon 22
6.3.4 Lead in Drinking Water 22
6.3.5 Mold 22
6.3.6 Wetlands 23
6.4 Adjoining Property Reconnaissance 23
7.0 VAPOR ENCROACHMENT CONDITIONS 24
8.0 FINDINGS AND CONCLUSIONS 25
9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS 26
10.0 REFERENCES 27

FIGURES

Figure 1: Site Location Map
Figure 2: Site Plan
Figure 3: Topographic Map

APPENDICES

Appendix A: Site Photographs
Appendix B: Historical/Regulatory Documentation
Appendix C: Regulatory Database Report
Appendix D: Qualifications

1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E1527-21 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 30th Street West & West Lancaster Boulevard in Lancaster, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

The purpose of this ESA is to identify existing or potential Recognized Environmental Conditions (as defined by ASTM Standard E1527-21) affecting the subject property that: 1) constitute or result in a material violation or a potential material violation of any applicable environmental law; 2) impose any material constraints on the operation of the subject property or require a material change in the use thereof; 3) require clean-up, remedial action or other response with respect to Hazardous Substances or Petroleum Products on or affecting the subject property under any applicable environmental law; 4) may affect the value of the subject property; and 5) may require specific actions to be performed with regard to such conditions and circumstances. The information contained in the ESA Report will be used by Client to: 1) evaluate its legal and financial liabilities for transactions related to foreclosure, purchase, sale, loan origination, loan workout or seller financing; 2) evaluate the subject property's overall development potential, the associated market value and the impact of applicable laws that restrict financial and other types of assistance for the future development of the subject property; and/or 3) determine whether specific actions are required to be performed prior to the foreclosure, purchase, sale, loan origination, loan workout or seller financing of the subject property.

This ESA was performed to permit the User to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on scope of Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. §9601) liability (hereinafter, the "landowner liability protections," or "LLPs"). ASTM Standard E1527-21 constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 U.S.C. §9601(35)(B).

1.2 Scope of Work

The scope of work for this ESA is in accordance with and to the extent necessary to achieve the goal of the requirements set forth in the ASTM Standard E1527-21. This assessment included: 1) a property and adjoining site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments to obtain readily ascertainable information to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property. Additionally, Partner researched readily available information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-21, AULs include both legal (that is, institutional) and physical (that is, engineering) controls that may include legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, or surface water on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on a property.

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

1.3 Limitations

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

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

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

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

1.4 User Reliance

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

1.5 Limiting Conditions

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

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

- Interviews with past or current owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources, this data gap is not expected to alter the findings of this assessment.
- Partner requested information relative to deed restrictions and environmental liens, a title search, and completion of the AAI User Questionnaire from the Report User. This information was not provided at the time of the assessment. This data gap is not expected to alter the findings of this assessment.
- Partner was unable to determine the property use at five-year intervals, which constitutes a data gap. Except for property tax files and recorded land title records, which were not considered to be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate interviews. This data gap is not expected to alter the findings of this assessment.

Due to time constraints associated with this report, the Client has requested the report despite the above-listed limitations.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at 30th Street West & West Lancaster Boulevard in Lancaster, California is located on the northeast corner of 30th Street West and West Lancaster Boulevard. According to the Los Angeles County Assessor, the subject property is legally described as TR=51824 LOT 1. According to Los Angeles County Assessor, ownership of the subject property was not provided, however, transfer of ownership occurred in 2009.

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

2.2 Current Property Use

The subject property is currently vacant land covered with natural vegetations, weeds and trees. There is a large soil mound located on the western portion of the property. Additionally, there are several dirt piles located on the southwestern and western portions of the property. No evidence of discoloration and/or environmental concerns were noted in the vicinity of the soil mound and dirt piles. The property is unoccupied. No operations are currently conducted on the property, nor are there any other improvements.

The subject property is designated for CPD for commercial development by the City of Lancaster.

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

2.3 Current Use of Adjoining Properties

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

Adjoining Properties	
North:	Vacant land
East:	Flood control channel followed by vacant land
Southeast:	Flood control channel and West Lancaster Boulevard followed by single-family residences
South:	West Lancaster Boulevard followed by single-family residences
Southwest:	30th Street West and West Lancaster Boulevard followed by single-family residences
West:	30th Street West followed by single-family residences

No adjoining properties were identified in the regulatory database report of Section 4.2.

2.4 Physical Setting Sources

2.4.1 Topography

The 2022 United States Geological Survey (USGS) Lancaster West, California Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property is located at approximately 2,325 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping gently towards the north.

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

2.4.2 Hydrology

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

According to a previous subsurface investigation conducted on a nearby property, the depth to groundwater in the vicinity of the subject property inferred to be approximately 50 feet bgs.

The nearest surface water in the vicinity of the subject property is an unnamed creek located adjacent to the east of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the Los Angeles County Waterworks District Number 40-4 serves the subject property vicinity. The sources of public water for the City of Lancaster are from three sources: local groundwater and water imported through the State Water Project (SWP) and the Colorado River Aqueduct (CRA) .

2.4.3 Geology/Soils

The subject property is located within the Antelope Valley, a relatively large, low-lying valley basin underlain predominantly by recent undifferentiated alluvial deposits. The mountains which surround the valley area are comprised of Cretaceous-aged granitic rocks. The Property is underlain by relatively thick (several thousand feet) alluvial soils consisting of clays, silts, sands, and gravels. Depth to bedrock is anticipated to be over 60 inches below ground surface elevation.

Based on information obtained from the United States Department of Agriculture (USDA) Natural Resources Conservation Service Web Soil Survey online database, the subject property is mapped as Pond loam (84.4%) and Pond silty clay loam (15.6%).

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 06037C0410F, dated September 26, 2008, the subject property appears to be located in Zone X (shaded); defined as moderate risk areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile, and areas protected from the 1-percent-annual-chance flood by a levee.

A copy of the reviewed flood map is included in Appendix B of this report.

3.0 HISTORICAL INFORMATION

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

Historical Use Information		
Years	**Resource**	**Description/Use**
1928-1987	Aerial Photographs, Topographic Maps	Unimproved Land
1994-Present	Aerial Photographs, Topographic Maps	Vacant Land

There is no tenant history for the subject property.

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

3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Risk Information Services (ERIS) on August 02, 2023. The inferred uses of the subject property and adjoining properties as interpreted from the aerial photographs in Appendix B are tabulated below:

Date:	***1928, 1940, 1948, 1956***	***Scale:***	***1"=500'***
Subject Property:	Appears to be undeveloped land		
North:	Appears to be undeveloped land		
East:	Appears to be undeveloped land		
Southeast:	Appears to be undeveloped land		
South:	Appears to be undeveloped land		
Southwest:	Appears to be undeveloped land		
West:	Appears to be undeveloped land		
Date:	***1959, 1965***	***Scale:***	***1"=500'***
Subject Property:	No significant changes visible		
North:	No significant changes visible		
East:	No significant changes visible		
Southeast:	No significant changes visible		
South:	No significant changes visible		
Southwest:	No significant changes visible		
West:	Appears to be undeveloped land across an unimproved road		

Date:	1968, 1974, 1980, 1987	Scale:	1"=500'
Subject Property:	No significant changes visible		
North:	No significant changes visible		
East:	No significant changes visible		
Southeast:	Appears to be undeveloped land across a roadway		
South:	Appears to be undeveloped land across a roadway		
Southwest:	Appears to be undeveloped land across an intersection		
West:	Appears to be undeveloped land across a roadway		
Date:	1994	Scale:	1"=500'
Subject Property:	Appears to be vacant land		
North:	Appears to be vacant land		
East:	Appears to be vacant land across a flood control channel		
Southeast:	Appears to be developed with residential structures across a roadway and floor control channel		
South:	Appears to be vacant land across a roadway		
Southwest:	No significant changes visible		
West:	No significant changes visible		
Date:	2005	Scale:	1"=500'
Subject Property:	No significant changes visible		
North:	No significant changes visible		
East:	No significant changes visible		
Southeast:	No significant changes visible		
South:	Appears to be developed with residential structures across a roadway		
Southwest:	Appears to be developed with residential structures across an intersection		
West:	No significant changes visible		
Date:	2009	Scale:	1"=500'
Subject Property:	No significant changes visible		
North:	No significant changes visible		
East:	No significant changes visible		
Southeast:	No significant changes visible		
South:	No significant changes visible		
Southwest:	No significant changes visible		
West:	Appears to be developed with residential structures across a roadway		

Date:	2012, 2014, 2016, 2018, 2021	Scale:	1"=500'
Subject Property:	No significant changes visible		
North:	No significant changes visible		
East:	No significant changes visible		
Southeast:	No significant changes visible		
South:	No significant changes visible		
Southwest:	No significant changes visible		
West:	Appears to be developed with additional structures across a roadway		

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

3.2 Fire Insurance Maps

Partner reviewed the collection of Fire insurance maps (FIMS) from ERIS on August 01, 2023. FIM coverage was not available for the subject property.

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

3.3 City Directories

Partner reviewed historical city directories obtained from ERIS on August 4, 2023 for past names and businesses that were listed for the subject property and adjoining properties. City directories were not identified for the subject property. Based on the city directory review, no environmentally sensitive listings were identified for the subject property.

City Directory Search for 44752 Shad St (Adjoining Property)	
Year(s)	**Occupant Listed**
2016	Ana Alvarado, Victor Alvarado
2020	Ana Alvarado
2022	Ana Alvarado
City Directory Search for 44816 Shad St (Adjoining Property)	
Year(s)	**Occupant Listed**
2016	Anabella Depina
2020	Anabella Depina
City Directory Search for 44822 Shad St (Adjoining Property)	
Year(s)	**Occupant Listed**
2020	Nancy Maltby
City Directory Search for 44834 Shad St (Adjoining Property)	
Year(s)	**Occupant Listed**
2012	Herbert Quintanilla

City Directory Search for 44840 Shad St (Adjoining Property)	
Year(s)	**Occupant Listed**
2016	Shelia Harris
2020	Shelia Harris
City Directory Search for 44858 Shad St (Adjoining Property)	
Year(s)	**Occupant Listed**
2012	Maria Rivas, Santiago Rivas
2016	Margaret Jones
2020	Margaret Jones
2022	Margaret Banks, Margaret Jones
City Directory Search for 44904 Shad St (Adjoining Property)	
Year(s)	**Occupant Listed**
2016	Jesse Burns
2022	Jesse Burns
City Directory Search for 44916 Shad St (Adjoining Property)	
Year(s)	**Occupant Listed**
2016	Harold Macmillan, Reiko Mac Millan, Violet Macmillan, Eleanor Macmillan
2020	Reiko Mac Millan
City Directory Search for 44922 Shad St (Adjoining Property)	
Year(s)	**Occupant Listed**
2022	Jesse Corona
City Directory Search for 2651 W Lingard St (Adjoining Property)	
Year(s)	**Occupant Listed**
2000	Roe Mark
2012	Mark Roe
City Directory Search for 2737 W Lingard St (Adjoining Property)	
Year(s)	**Occupant Listed**
2016	Amber Lauderdale
2020	Amber Lauderdale
City Directory Search for 2743 W Lingard St (Adjoining Property)	
Year(s)	**Occupant Listed**
2016	Brenda Lawrence
2020	Ryan Robertson

City Directory Search for 2749 W Lingard St (Adjoining Property)	
Year(s)	**Occupant Listed**
2012	R Sunderman, Robert Sunderman
City Directory Search for 2756 W Lingard St (Adjoining Property)	
Year(s)	**Occupant Listed**
2022	Rochelle Wyatt
City Directory Search for 2763 W Lingard St (Adjoining Property)	
Year(s)	**Occupant Listed**
2007	Steven Eck
2012	Sumon Watarasthaporn, Suraphol Phangkhayan
2016	Jennifer Vasquez
2020	Jennifer Vasquez
2022	Jennifer Vasquez
City Directory Search for 2803 W Lingard St (Adjoining Property)	
Year(s)	**Occupant Listed**
2007	L Thornton
2012	Steven Thornton, Lucretia Thornton
2016	April Thornton, Steven Thornton, Lucretia Thornton
2020	April Thornton
2022	Steven Thornton
City Directory Search for 2815 W Lingard St (Adjoining Property)	
Year(s)	**Occupant Listed**
2020	Ashley Talley, Leroy Edwards, Rosetta Edwards
2022	Ashley Talley, Lashonda Talley, Rosetta Edwards
City Directory Search for 2821 W Lingard St (Adjoining Property)	
Year(s)	**Occupant Listed**
2003	R I Enterprises
2012	Maria Guzman, Robert Irone, Carlos Guzman
2016	Maria Guzman, Carlos Guzman
2020	Carlos Guzman
2022	Maria Guzman
City Directory Search for 2833 W Lingard St (Adjoining Property)	
Year(s)	**Occupant Listed**
2022	Richard Strattan

City Directory Search for 3015 W Lingard St (Adjoining Property)	
Year(s)	**Occupant Listed**
2012	Riley Shephard, Talamadge Shepherd
2016	Powerload Fit, Riley Shephard, Tammie Shepherd, Talamadge Shepherd
2020	Powerload Fit, Riley Shephard
2022	Powerload Fit, Riley Shephard

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

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

3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from ERIS on August 01, 2023. The following inferred uses of the subject property and adjoining properties interpreted from topographic maps in Appendix B and are tabulated below:

Date:	*1930, 1933*
Subject Property:	Depicted as undeveloped land
North:	Depicted as undeveloped land
East:	Depicted as undeveloped land
Southeast:	Depicted as undeveloped land
South:	Depicted as undeveloped land
Southwest:	Depicted as undeveloped land
West:	Depicted as undeveloped land
Date:	*1958*
Subject Property:	No significant changes depicted
North:	No significant changes depicted
East:	No significant changes depicted
Southeast:	No significant changes depicted
South:	No significant changes depicted
Southwest:	Depicted as undeveloped land across a roadway
West:	Depicted as undeveloped land across a roadway
Date:	*1974*
Subject Property:	No significant changes depicted
North:	No significant changes depicted
East:	No significant changes depicted
Southeast:	Depicted as undeveloped land across a roadway
South:	Depicted as undeveloped land across a roadway
Southwest:	Depicted as undeveloped land across an intersection
West:	No significant changes depicted

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

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

4.1.1 State Department

Regulatory Agency Data	
Name of Agency:	California Environmental Protection Agency (Cal/EPA)
Point of Contact:	CalEPA Regulated Sites Portal
Agency Address:	1001 I Street, Sacramento, California 95814
Agency Phone Number:	(916) 323-2514
Date of Contact:	August 04, 2023
Method of Communication:	Online: https://siteportal.calepa.ca.gov/nsite/map/help
Summary of Communication: No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the CalEPA.	

4.1.2 Health Department

Regulatory Agency Data	
Name of Agency:	Los Angeles County Public Health Investigation (LACPHI)
Point of Contact:	Administrative Assistant
Agency Address:	5555 Ferguson Drive, Suite 120-04, Commerce, CA 90022
Agency Phone Number:	(323) 890-7801
Date of Contact:	August 04, 2023
Method of Communication:	Telephone
Summary of Communication: According to Los Angeles County Public Health Investigation, all records pertaining to the current and/or historical hazardous materials usage, storage or releases, as well as the presence of USTs, is maintained by Los Angeles County Fire Department.	

4.1.3 Fire Department

Regulatory Agency Data	
Name of Agency:	Los Angeles County Fire Department, Health Hazardous Materials Division
Point of Contact:	Online Database
Agency Address:	1320 N Eastern Avenue, Los Angeles, California 90063
Agency Phone Number:	(323) 881-2411
Date of Contact:	August 04, 2023
Method of Communication:	Online (https://www.fire.lacounty.gov/hhmd/hhmd-records-request/)
Summary of Communication: No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the LACFD.	

4.1.4 Building Department

Regulatory Agency Data	
Name of Agency:	Lancaster Building Department (LBD)
Point of Contact:	Administrative Assistant
Agency Address:	44933 Fern Avenue, Lancaster, California
Agency Phone Number:	(661) 723-6000
Date of Contact:	August 04, 2023
Method of Communication:	Telephone
Summary of Communication: According to representatives of the LBD, permits are filed by street address; however, a street address has not been assigned to the subject property. Therefore, no permits for items such as underground storage tanks, septic systems, building, demolition, or previous structures are on file with the LBD for the subject property.	

4.1.5 Planning Department

Regulatory Agency Data	
Name of Agency:	Lancaster Planning Department (LPD)
Point of Contact:	Online Database
Agency Address:	44933 Fern Avenue, Lancaster, California
Agency Phone Number:	(661) 723-6000
Date of Contact:	August 04, 2023
Method of Communication:	Online: https://www.cityoflancasterca.org/home/showdocument?id=12653
Summary of Communication: According to reviewed online documents, the subject property is zoned CPD for commercial development by the City of Lancaster.	

4.1.6 Oil & Gas Exploration

Regulatory Agency Data	
Name of Agency:	California Geologic Energy Management Division (CalGEM)
Point of Contact:	CalGEM Well Finder Mapping Application
Agency Address:	801 K Street, MS 24-01, Sacramento, California 95814
Agency Phone Number:	(916) 322-1080
Date of Contact:	August 04, 2023
Method of Communication:	Online: https://www.conservation.ca.gov/calgem/Pages/WellFinder.aspx
Summary of Communication: According to CalGEM, no oil or gas wells are located on or adjoining to the subject property.	

4.1.7 Assessor's Office

Regulatory Agency Data	
Name of Agency:	Los Angeles County Assessor (LACA)
Point of Contact:	Online Database
Agency Address:	500 West Temple Street, Room 225, Los Angeles, California 90012
Agency Phone Number:	(213) 974-2111
Date of Contact:	August 04, 2023
Method of Communication:	Online (http://maps.assessor.lacounty.gov)
Summary of Communication: According to records reviewed, the subject property is identified by Assessor Parcel Number (APN) 3153-034-087. No records regarding property ownership, square footage, building and utility information for the subject property was on file with the LACA.	

4.1.8 Air Pollution Control Agency

Regulatory Agency Data	
Name of Agency:	South Coast Air Quality Management District (SCAQMD)
Point of Contact:	Online Database
Agency Address:	21865 Copley Drive, Diamond Bar, California 91765
Agency Phone Number:	(909) 396-2000
Date of Contact:	August 04, 2023
Method of Communication:	Online (http://www3.aqmd.gov/webappl/fim/prog/search.aspx)
Summary of Communication: No Permits to Operate (PTO), Notices of Violation (NOV), or Notices to Comply (NTC) or the presence of AULs, dry cleaning machines, or USTs were on file for the subject property with the SCAQMD.	

4.1.9 Regional Water Quality Agency

Regulatory Agency Data	
Name of Agency:	State Water Resources Control Board (SWRCB)
Point of Contact:	Online Database
Agency Address:	1001 I Street, Sacramento, California 95814
Agency Phone Number:	(916) 341-7365
Date of Contact:	August 04, 2023
Method of Communication:	Online (http://geotracker.waterboards.ca.gov/)
Summary of Communication: No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the SWRCB.	

4.1.10 Department of Toxic Substances Control

Regulatory Agency Data	
Name of Agency:	California Department of Toxic Substances Control (DTSC)
Point of Contact:	Envirostor and Hazardous Waste Tracking System (HWTS) Data Management Systems
Agency Address:	1001 I Street, Sacramento, California 95814
Agency Phone Number:	(916) 255-3687
Date of Contact:	August 04, 2023
Method of Communication:	Online: https://www.envirostor.dtsc.ca.gov/public/ https://hwts.dtsc.ca.gov/report_search.cfm?id=5
Summary of Communication: No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the DTSC.	

4.1.11 Other Agency

Regulatory Agency Data	
Name of Agency:	Los Angeles County Department of Public Works (LACDWP)
Point of Contact:	Online Database
Agency Address:	900 S Fremont Avenue, Alhambra, California 91803
Agency Phone Number:	(626) 458-3517
Date of Contact:	August 04, 2023
Method of Communication:	Online (http://ladpw.org/epd/CleanLA/OpenFileReview.aspx)
Summary of Communication: No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the LACDPW.	

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

4.2 Mapped Database Records Search

The regulatory database report provided by ERIS documents the listing of sites identified on federal, state, county, city, and tribal (when applicable) standard source environmental databases within the approximate minimum search distance (AMSD) specified by ASTM Practice E1527-21. The data from these sources are updated as these data are released and integrated into one database. The information contained in this report was compiled from publicly available sources.

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

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

4.2.1 Regulatory Database Summary

The following table lists the sites as categorized by the regulatory database within the prescribed AMSD. The locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

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

4.2.2 Subject Property Listings

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

4.2.3 Adjoining Property Listings

The adjoining properties are not identified in the regulatory database report.

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

4.2.4 Surrounding Area Listings of Concern to Subject Property

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

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

4.2.5 Unplottable Listings

No unplottable listings are identified in the regulatory database report.

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

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

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

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

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

Pursuant to ASTM Practice E1527-21, Partner requested the following site information from Guardian Capital (User of this report).

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

5.1 Interviews

5.1.1 Interview with Owner

Mr. Glen Powles, subject property owner, was not aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the subject property; any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the subject property; or any notices from a governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.

5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report User. The information requested was not received prior to the issuance of this report. Because the Report User (Client) is a lender, it is understood that the Report User would not have knowledge of the property that would significantly impact our ability to satisfy the objectives of this assessment. The lack of this information is not considered to represent a significant data gap.

5.1.3 Interview with Key Site Manager

The subject property owner acted as the key site manager, as discussed above.

5.1.4 Interviews with Past Owners, Operators and Occupants

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

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

Partner was not provided with title records or environmental lien and AUL information for review as part of this assessment.

5.2.2 Specialized Knowledge

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

5.2.3 Actual Knowledge of the User

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

5.2.4 Valuation Reduction for Environmental Issues

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

5.2.5 Commonly Known or Reasonably Ascertainable Information

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

5.2.6 Previous Reports and Other Provided Documentation

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

6.0 SITE RECONNAISSANCE

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

Site Assessment Data	
Site Assessment Performed By:	Nasim Ahmed
Site Assessment Conducted On:	August 7, 2023

Partner was unaccompanied during the site reconnaissance.

No potential environmental concerns were identified during the onsite reconnaissance.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

The subject property is currently vacant land; therefore, solid waste is not generated at the subject property. No evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

6.1.2 Sewage Discharge and Disposal

The subject property is currently vacant land; therefore, sanitary discharges are not currently generated on the subject property. However, the Los Angeles County Sanitation District services the public sewer in the vicinity of the subject property. No wastewater treatment facilities were observed or reported on the subject property.

6.1.3 Stormwater and Surface Water Drainage

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

6.1.4 Source of Heating and Cooling

The subject property is currently vacant land; therefore, no heating or cooling systems are located on the subject property.

6.1.5 Wells and Cisterns

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

6.1.6 Wastewater

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

6.1.7 Septic Systems

There are no septic systems on the subject property.

6.1.8 Additional Site Observations

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

6.2 Potential Environmental Hazards

6.2.1 Hazardous Substances and Petroleum Products Used or Stored at the Site

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

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

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

6.2.3 Evidence of Releases

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

6.2.4 Polychlorinated Biphenyls (PCBs)

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

6.2.5 Strong, Pungent or Noxious Odors

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

6.2.6 Pools of Liquid

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

6.2.7 Drains, Sumps and Clarifiers

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

6.2.8 Pits, Ponds and Lagoons

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

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

Partner observed a large soil mound on the western portion of the property. Additionally, Partner observed several dirt piles on the southwestern and western portions of the subject property. No evidence of discoloration and/or concerns were noted in the vicinity of the soil mound and dirt piles. According to Mr. Glen Powles, the owner of the property, these soil mound and dirt piles were generated from street developing activities conducted on the north-adjoining property approximately 20 years ago.

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

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

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

6.3.2 Lead-Based Paint (LBP)

Lead is a highly toxic metal that affects virtually every system of the body. LBP is defined as any paint, varnish, stain, or other applied coating that has 1 mg/cm2 (or 5,000 µg/g or 0.5% by weight) or more of lead. Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as "Title X," to protect families from exposure to lead from paint, dust, and soil. Under Section 1017 of Title X, intact LBP on most walls and ceilings is not considered a "hazard," although the condition of the paint should be monitored and maintained to ensure that it does not become deteriorated. Further, Section 1018 of this law directed the Housing and Urban Development (HUD) and the US EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978.

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

6.3.3 Radon

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

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

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

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

6.3.4 Lead in Drinking Water

According to available information, a public water system operated by the Los Angeles County Waterworks District Number 40-4 serves the subject property vicinity. The sources of public water for the City of Lancaster are from three sources: local groundwater and water imported through the State Water Project (SWP) and the Colorado River Aqueduct (CRA) According to the 2022 Annual Water Quality Report, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

6.3.5 Mold

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

As the subject property is currently undeveloped, mold/microbial growth was not considered within the scope of this assessment.

6.3.6 Wetlands

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

6.4 Adjoining Property Reconnaissance

The adjoining property reconnaissance consisted of observing the adjoining properties from the subject property premises. No items of environmental concern were identified on the adjoining properties during the site assessment, including hazardous substances, petroleum products, ASTs, USTs, evidence of releases, PCBs, strong or noxious odors, pools of liquids, sumps or clarifiers, pits or lagoons, stressed vegetation, or any other potential environmental hazards.

7.0 VAPOR ENCROACHMENT CONDITIONS

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

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

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

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

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

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

8.0 FINDINGS AND CONCLUSIONS

Findings and Opinions

Recognized Environmental Condition

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

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

Controlled Recognized Environmental Condition

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

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

Historical Recognized Environmental Condition

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

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

Business Environmental Risk

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

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

Significant Data Gaps

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

Conclusions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-21 of 30th Street West & West Lancaster Boulevard in Lancaster, Los Angeles County, California (the “subject property”). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed no evidence of RECs, CRECs, HRECs, or BERs in connection with the subject property. Based on the conclusions of this assessment, Partner recommends no further investigation of the subject property at this time.

9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at 30th Street West & West Lancaster Boulevard in Lancaster, Los Angeles County, California in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

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

Prepared By:



Nasim Ahmed
Environmental Professional

Reviewed By:



Steven Weatherton
Project Manager

10.0 REFERENCES

Reference Documents

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

Environmental Risk Information Services (ERIS), Database Report, August 2023

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

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

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

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

United States Geological Survey, accessed via the internet, August 2023

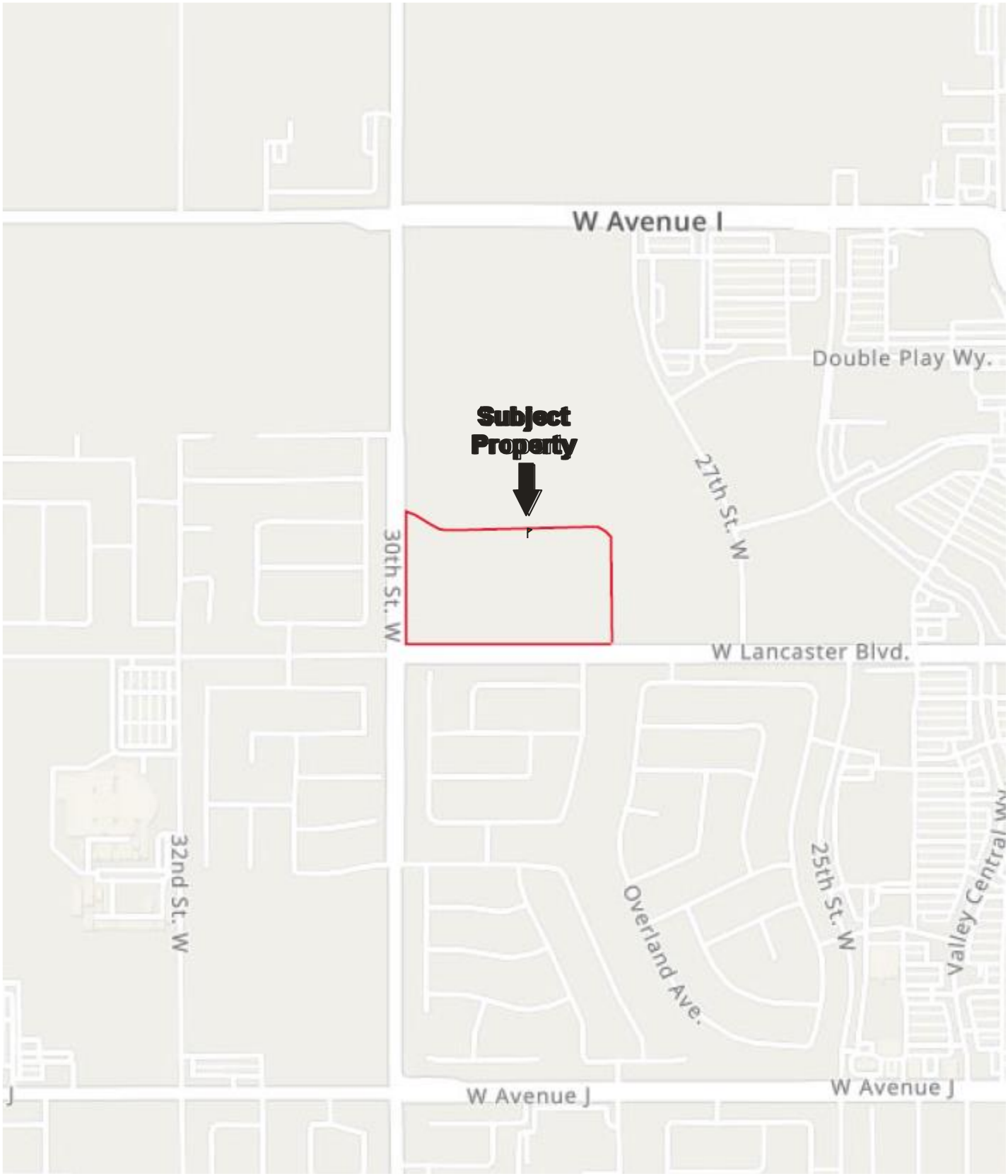
United States Geological Survey Topographic Map, 7.5-minute series, accessed via the internet, August 2023

FIGURES

1: Site Location Map

2: Site Plan

3: Topographic Map



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Drawing Not To Scale

KEY:
Subject Property

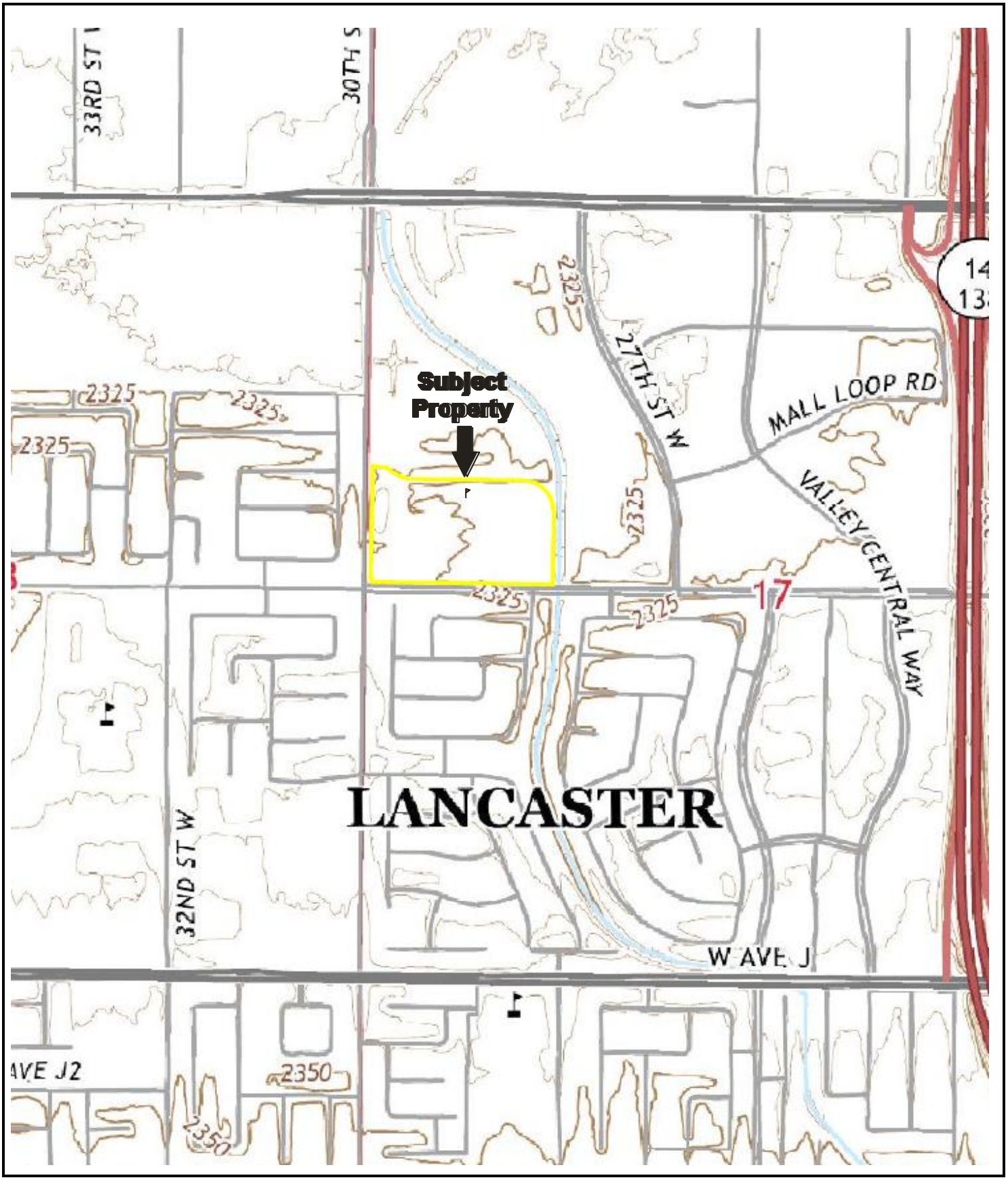
FIGURE 1: SITE LOCATION MAP
Project No. 23-417216.1

PARTNER



FIGURE 2: SITE PLAN
Project No. 23-417216.1

PARTNER



N

USGS 7.5-Minute *Lancaster, West, California* Quadrangle
Created: 2022

KEY:
Subject Property

FIGURE 3: TOPOGRAPHIC MAP
Project No. 23-417216.1

PARTNER

APPENDIX A: SITE PHOTOGRAPHS



1. View of the subject property from south



2. View of the subject property from south



3. View of the subject property from south



4. View of the subject property from northwest



5. View of the subject property from west



6. View of the subject property



7. View of the subject property



8. View of the subject property



9. View of the subject property



10. View of the subject property



11. View of the subject property



12. View of the subject property



13. View of the subject property



14. View of the subject property



15. View of the subject property



16. View of the subject property



17. View of the subject property



18. View of the subject property



19. View of the subject property



20. View of the subject property



21. View of the subject property



22. View of dirt piles on the southwestern portion



23. View of dirt piles on the southwestern portion



24. View of dirt piles on the western portion



25. View of dirt piles on the western portion



26. View of dirt piles on the western portion



27. View of dirt piles on the western portion



28. View of soil mount



29. View of dirt piles on the southwestern portion



30. View of dirt piles on the southwestern portion



31. View of dirt piles on the southwestern portion



32. View of dirt piles on the southwestern portion



33. View of soil mount



34. View of utility cover



35. View of north-adjoining property



36. View of east-adjoining property



37. View of east-adjoining property



38. View of south-adjoining property



39. View of south-adjoining property

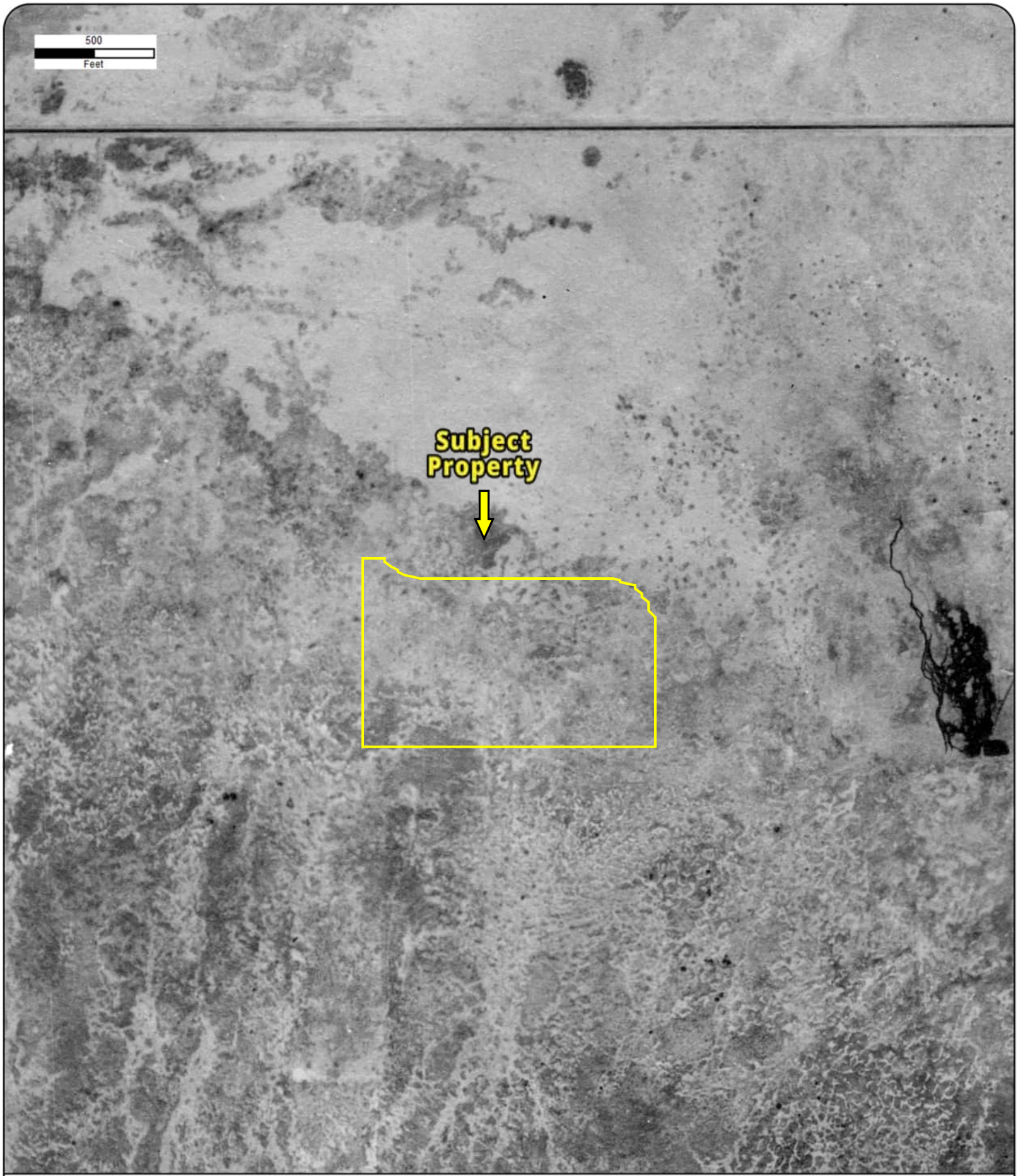


40. View of southwest-adjoining property



41. View of west-adjoining property

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION



Year: 1928
Source: FAIRCHILD
Scale: 1" = 500'
Comment:

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER

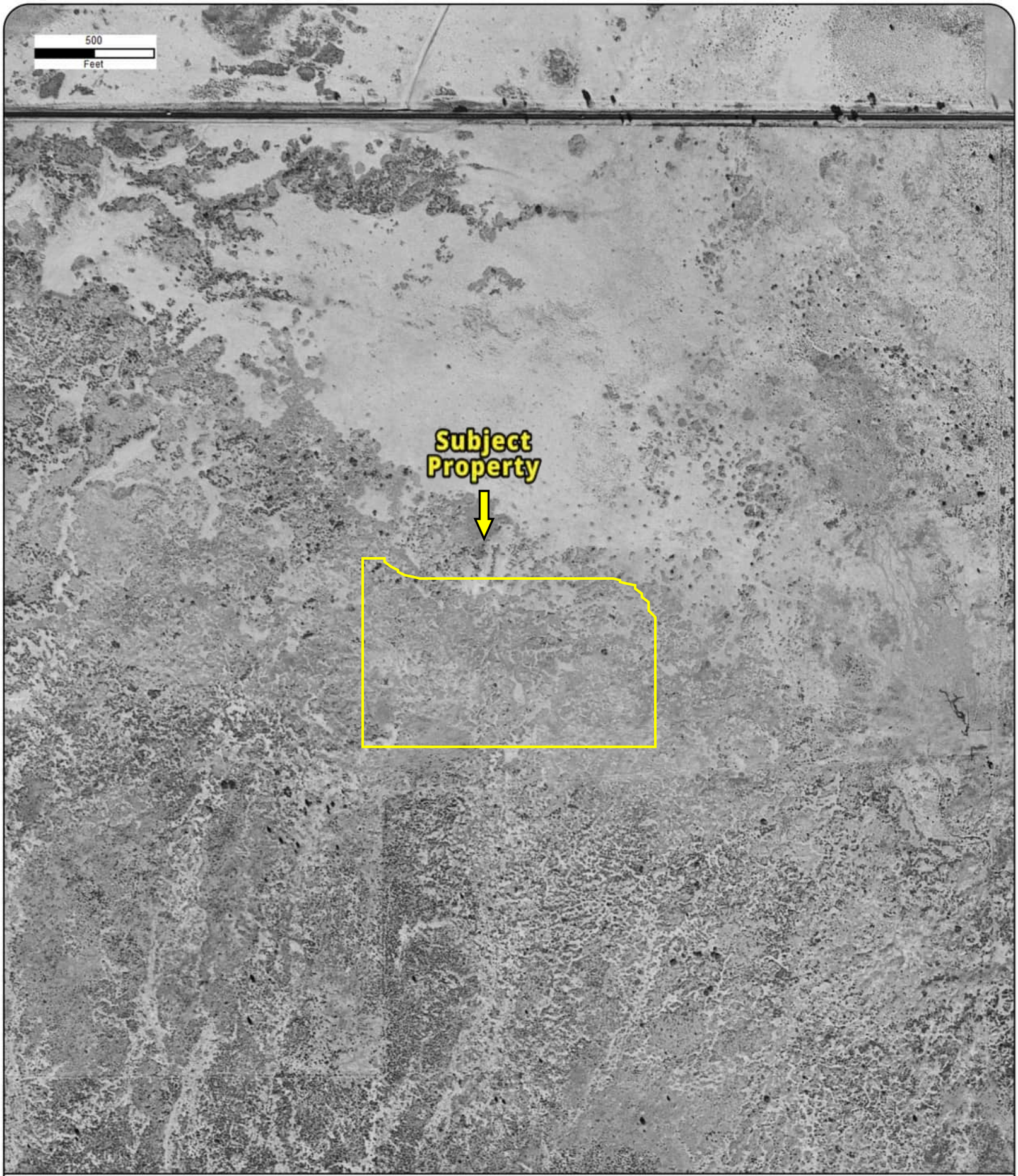


Year: 1940
Source: ASCS
Scale: 1" = 500'
Comment:

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER

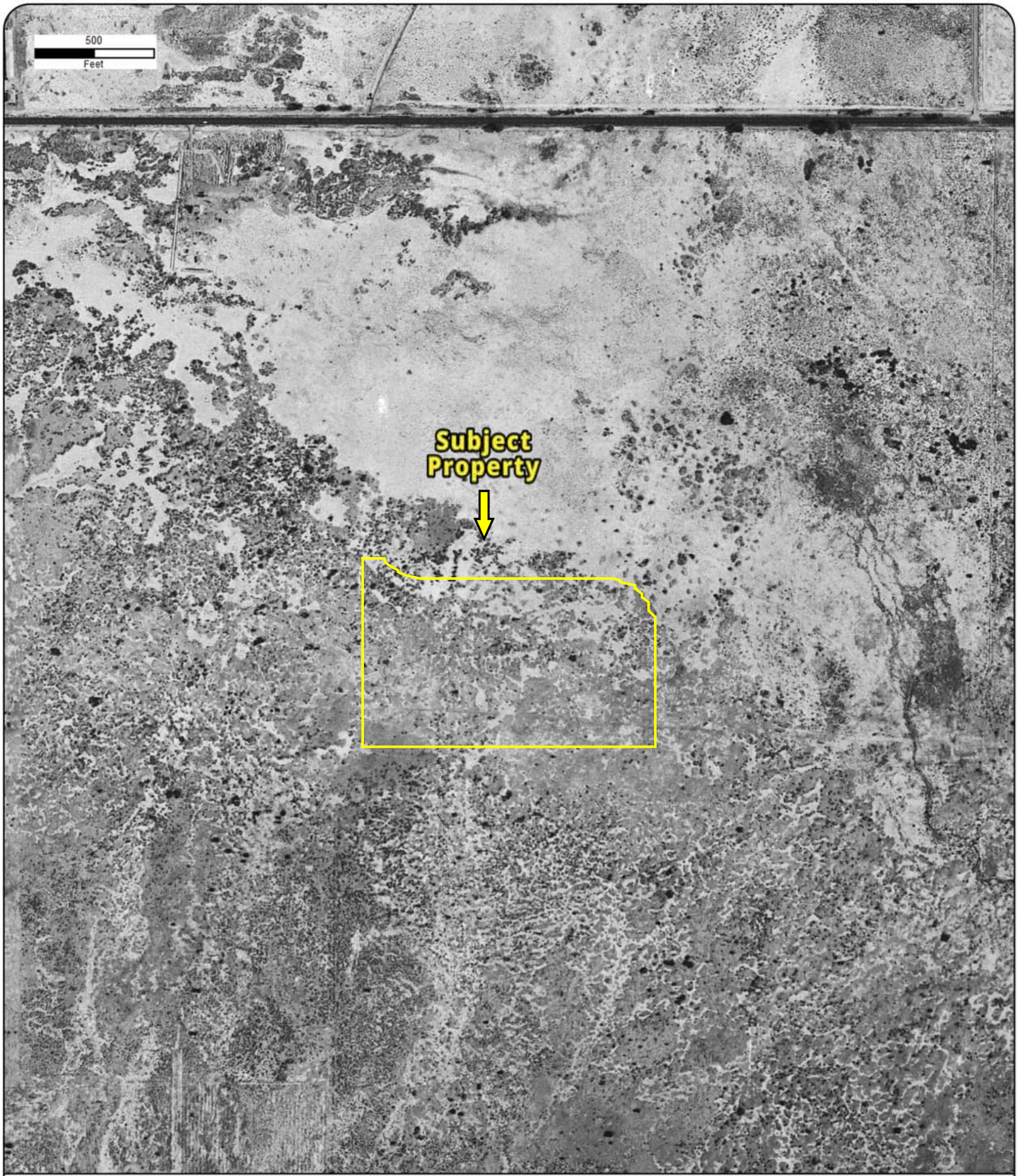


Year: 1948
Source: USGS
Scale: 1" = 500'
Comment:

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER



Year: 1956
Source: USGS
Scale: 1" = 500'
Comment:

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER



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

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER

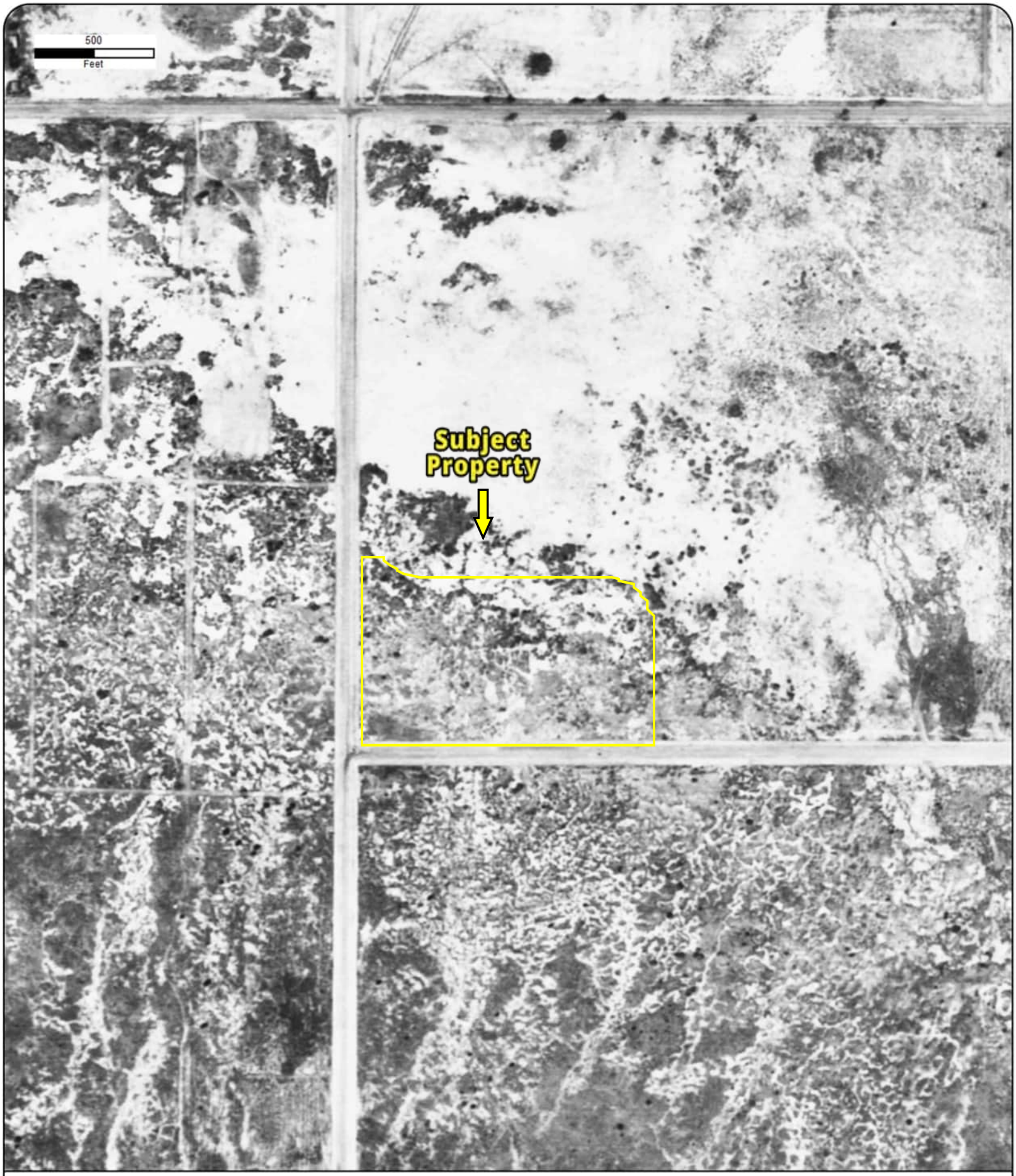


Year: 1965
Source: ASCS
Scale: 1" = 500'
Comment:

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER



Year: 1968
Source: TG
Scale: 1" = 500'
Comment:

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER

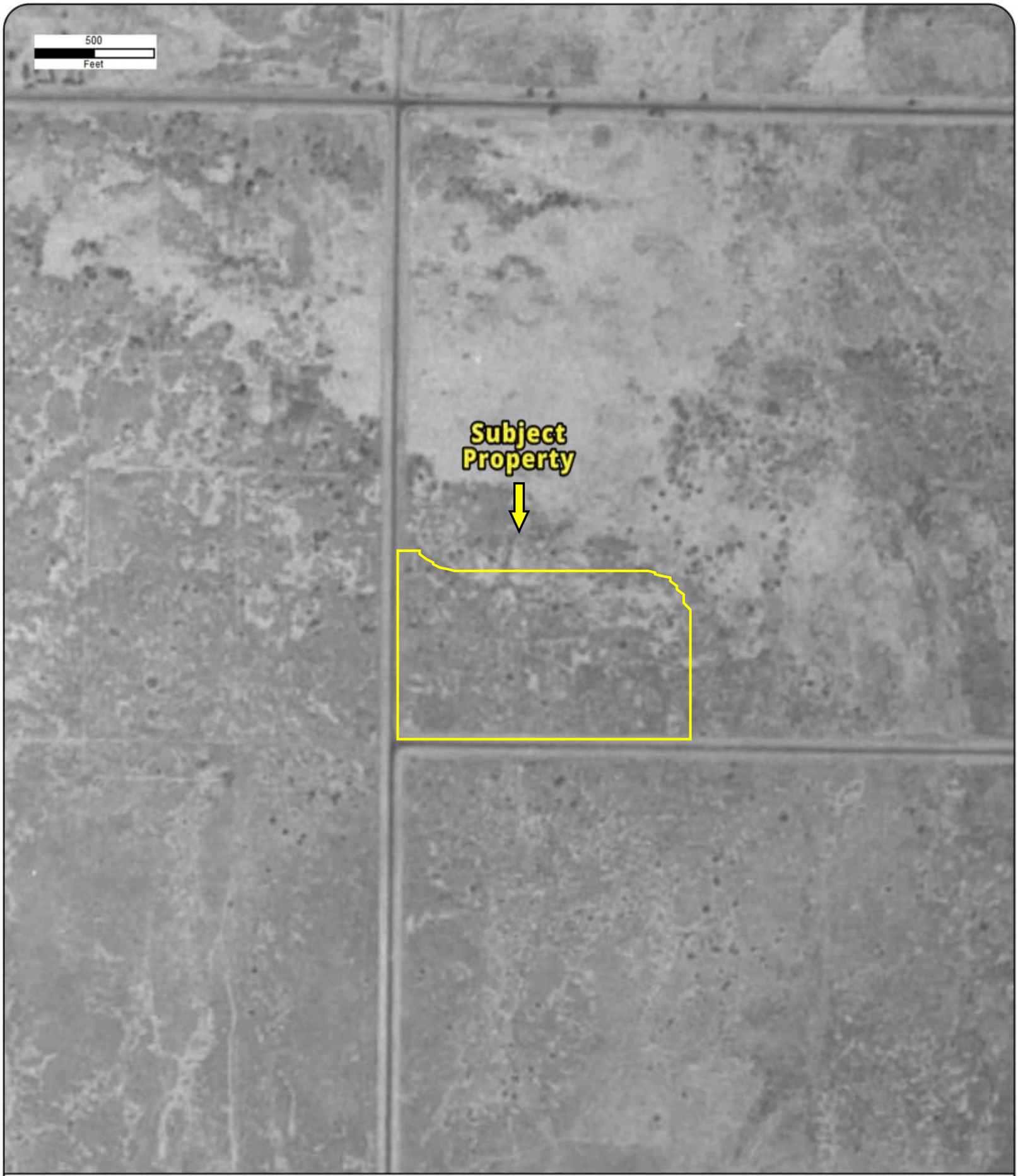


Year: 1974
Source: USGS
Scale: 1" = 500'
Comment:

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER

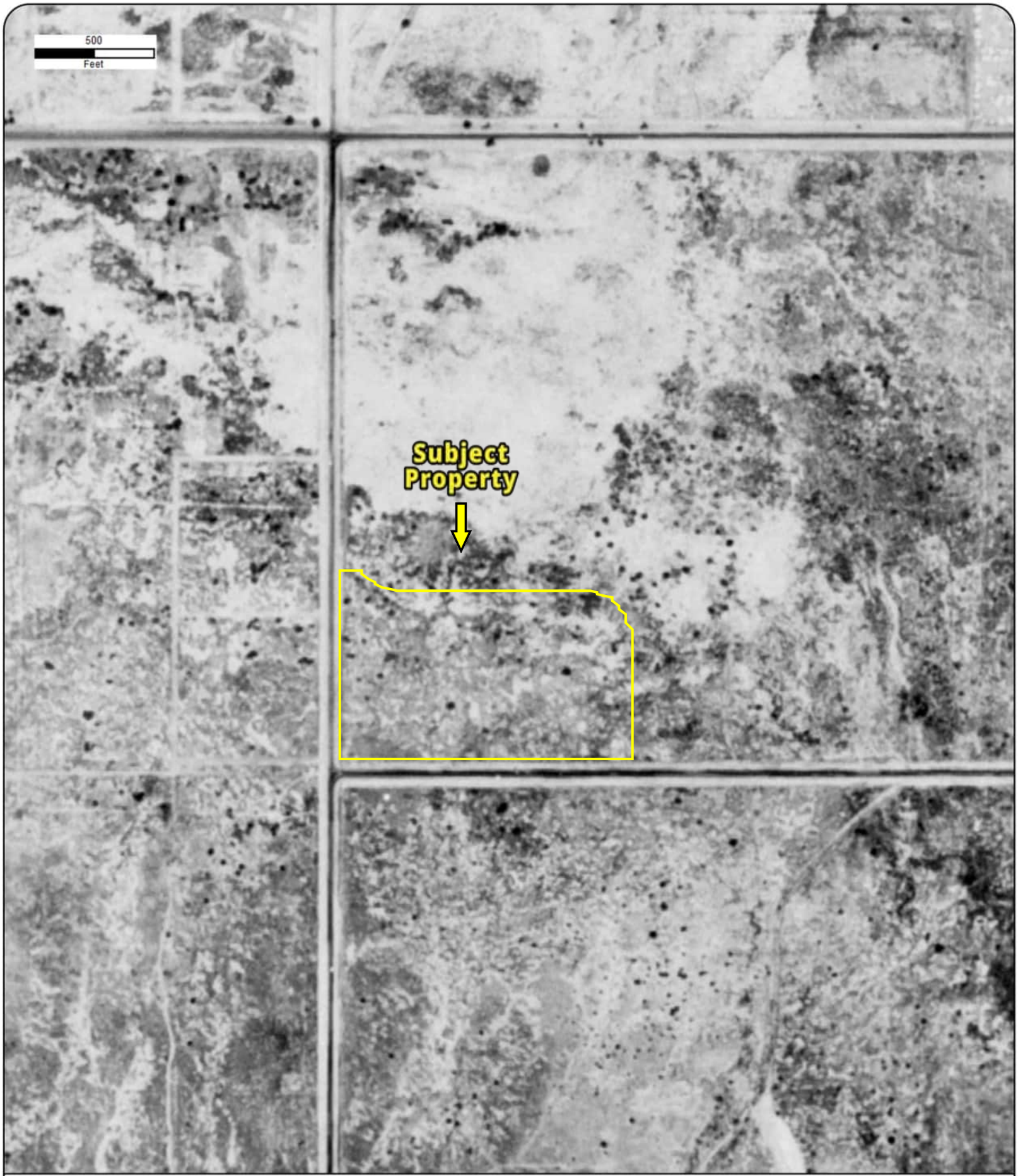


Year: 1980
Source: USDA
Scale: 1" = 500'
Comment:

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER



Year: 1987
Source: USGS
Scale: 1" = 500'
Comment:

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER



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

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER



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

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER



Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER



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

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER



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

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER



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

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER



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

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER



Year: 2021
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA
Approx Center: -118.18162587,34.69783484

Order No: 23080100376

PARTNER

FIRE INSURANCE MAPS

Project Property:	Desert Meadows Apartments and Townhomes Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd) Lancaster CA 93536
Project No:	23-417216.1
Requested By:	Partner Engineering and Science, Inc.
Order No:	23080100376
Date Completed:	August 01, 2023

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

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

CITY DIRECTORY

Project Property:	*Desert Meadows Apartments and Townhomes* *Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd)* *Lancaster,CA 93536*
Project No:	*23-417216.1*
Requested By:	*Partner Engineering and Science, Inc.*
Order No:	*23080100376*
Date Completed:	*August 04, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

August 04, 2023
RE: CITY DIRECTORY RESEARCH
Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd)
Lancaster,CA 93536

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:
44700-45200 of 30th St W
44700-45000 of Shad St
2500-3100 of W Lancaster Blvd
2640-3025 of W Lingard St
Search Notes:

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2007	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	HAINES	
1995	HAINES	
1991-92	HAINES	
1987	HAINES	
1981	HAINES	
1975	HAINES	
1972	B G PUBLICATIONS	
1967-68	B G PUBLICATIONS	

2022 30TH ST W

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2022 SHAD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

44722	**MARK PRESTON**...*RESIDENTIAL*
44732	**LORENZO JALANDON**...*RESIDENTIAL*
44738	**SHATON REED**...*RESIDENTIAL*
44742	**ALBERT MIRANIAN**...*RESIDENTIAL*
44752	**ANA ALVARADO**...*RESIDENTIAL*
44835	**MICHAEL IMPERIALE**...*RESIDENTIAL*
44858	**MARGARET BANKS**...*RESIDENTIAL*
44858	**MARGARET JONES**...*RESIDENTIAL*
44904	**JESSE BURNS**...*RESIDENTIAL*
44922	**JESSE CORONA**...*RESIDENTIAL*
44936	**PAUL PALUMBO**...*RESIDENTIAL*
44942	**BEAZER HOMES**...*HOME BUILDERS*
44942	**CLIFFORD LOWRY**...*RESIDENTIAL*
44959	**DANIEL WEBER**...*RESIDENTIAL*

2022 W LANCASTER BLVD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2022 W LINGARD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

2642 **MARC GARRISON**...*RESIDENTIAL*
2738 **DANA MUNZ**...*RESIDENTIAL*
2738 **KEM MUNZ**...*RESIDENTIAL*
2744 **MICHELLE WARREN**...*RESIDENTIAL*
2756 **ROCHELLE WYATT**...*RESIDENTIAL*
2763 **JENNIFER VASQUEZ**...*RESIDENTIAL*
2802 **DON ARSNEAULT**...*RESIDENTIAL*
2802 **RICK THOMAS**...*RESIDENTIAL*
2803 **STEVEN THORNTON**...*RESIDENTIAL*
2808 **JOSE BORROEL**...*RESIDENTIAL*
2815 **ASHLEY TALLEY**...*RESIDENTIAL*
2815 **LASHONDA TALLEY**...*RESIDENTIAL*
2815 **ROSETTA EDWARDS**...*RESIDENTIAL*
2820 **BLAKE RICHARDS**...*RESIDENTIAL*
2821 **MARIA GUZMAN**...*RESIDENTIAL*
2826 **GARY DELODOVICI**...*RESIDENTIAL*
2826 **REGINA COFFEY**...*RESIDENTIAL*
2833 **RICHARD STRATTAN**...*RESIDENTIAL*
3015 **POWERLOAD FIT**...*HEALTH & FITNESS PROGRAM CONSULTANTS*
3015 **RILEY SHEPHARD**...*RESIDENTIAL*
3021 **DAVID SARGEANT**...*RESIDENTIAL*

2020 30TH ST W

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2020 SHAD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

44722 **MARK PRESTON**...*RESIDENTIAL*
44732 **LORENZO JALANDON**...*RESIDENTIAL*
44742 **ALBERT MIRANIAN**...*RESIDENTIAL*
44752 **ANA ALVARADO**...*RESIDENTIAL*
44816 **ANABELLA DEPINA**...*RESIDENTIAL*
44822 **NANCY MALTBY**...*RESIDENTIAL*
44835 **MICHAEL IMPERIALE**...*RESIDENTIAL*
44840 **SHELIA HARRIS**...*RESIDENTIAL*
44858 **MARGARET JONES**...*RESIDENTIAL*
44916 **REIKO MAC MILLAN**...*RESIDENTIAL*
44942 **BEAZER HOMES**...*HOME BUILDERS*
44942 **CLIFFORD LOWRY**...*RESIDENTIAL*
44959 **DANIEL WEBER**...*RESIDENTIAL*

2020 W LANCASTER BLVD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2020 W LINGARD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

2642 **MARC GARRISON**...*RESIDENTIAL*
2737 **AMBER LAUDERDALE**...*RESIDENTIAL*
2738 **DANA MUNZ**...*RESIDENTIAL*
2738 **KEM MUNZ**...*RESIDENTIAL*
2743 **RYAN ROBERTSON**...*RESIDENTIAL*
2744 **MICHELLE WARREN**...*RESIDENTIAL*
2762 **CHERYL SALINAS**...*RESIDENTIAL*
2763 **JENNIFER VASQUEZ**...*RESIDENTIAL*
2802 **DON ARSNEAULT**...*RESIDENTIAL*
2802 **RICK THOMAS**...*RESIDENTIAL*
2803 **APRIL THORNTON**...*RESIDENTIAL*
2808 **JOSE BORROEL**...*RESIDENTIAL*
2815 **ASHLEY TALLEY**...*RESIDENTIAL*
2815 **LEROY EDWARDS**...*RESIDENTIAL*
2815 **ROSETTA EDWARDS**...*RESIDENTIAL*
2820 **BLAKE RICHARDS**...*RESIDENTIAL*
2821 **CARLOS GUZMAN**...*RESIDENTIAL*
2826 **REGINA COFFEY**...*RESIDENTIAL*
3015 **POWERLOAD FIT**...*HEALTH & FITNESS PROGRAM CONSULTANTS*
3015 **RILEY SHEPHARD**...*RESIDENTIAL*
3021 **DAVID SARGEANT**...*RESIDENTIAL*

2016 30TH ST W

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2016 SHAD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

44722	**MARK PRESTON**...*RESIDENTIAL*
44722	**STEPHANIE PRESTON**...*RESIDENTIAL*
44732	**LORENZO JALANDON**...*RESIDENTIAL*
44732	**PATRIA JALANDON**...*RESIDENTIAL*
44738	**SHATON REED**...*RESIDENTIAL*
44752	**ANA ALVARADO**...*RESIDENTIAL*
44752	**VICTOR ALVARADO**...*RESIDENTIAL*
44816	**ANABELLA DEPINA**...*RESIDENTIAL*
44835	**MICHAEL IMPERIALE**...*RESIDENTIAL*
44840	**SHELIA HARRIS**...*RESIDENTIAL*
44858	**MARGARET JONES**...*RESIDENTIAL*
44904	**JESSE BURNS**...*RESIDENTIAL*
44916	**ELEANOR MACMILLAN**...*RESIDENTIAL*
44916	**HAROLD MACMILLAN**...*RESIDENTIAL*
44916	**REIKO MAC MILLAN**...*RESIDENTIAL*
44916	**VIOLET MACMILLAN**...*RESIDENTIAL*
44928	**LOS ROBLES RADIOLOGIC ASSOC**...*PHYSICIANS & SURGEONS*
44936	**PAUL PALUMBO**...*RESIDENTIAL*
44942	**BEAZER HOMES**...*HOME BUILDERS*
44942	**CLIFFORD LOWRY**...*RESIDENTIAL*
44959	**DANIEL WEBER**...*RESIDENTIAL*
44959	**MADALENA WEBER**...*RESIDENTIAL*

2016 W LANCASTER BLVD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2016 W LINGARD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

2642	**MARC GARRISON**...*RESIDENTIAL*
2642	**TAMARA GARRISON**...*RESIDENTIAL*
2737	**AMBER LAUDERDALE**...*RESIDENTIAL*
2738	**DANA MUNZ**...*RESIDENTIAL*
2738	**KEM MUNZ**...*RESIDENTIAL*
2743	**BRENDA LAWRENCE**...*RESIDENTIAL*
2744	**DWAYNE WILLIAMS**...*RESIDENTIAL*
2755	**JOYCE EVANS**...*RESIDENTIAL*
2762	**CHERYL SALINAS**...*RESIDENTIAL*
2763	**JENNIFER VASQUEZ**...*RESIDENTIAL*
2802	**DON ARSNEAULT**...*RESIDENTIAL*
2802	**RICK THOMAS**...*RESIDENTIAL*
2803	**APRIL THORNTON**...*RESIDENTIAL*
2803	**LUCRETIA THORNTON**...*RESIDENTIAL*
2803	**STEVEN THORNTON**...*RESIDENTIAL*
2808	**JOSE BORROEL**...*RESIDENTIAL*
2820	**BLAKE RICHARDS**...*RESIDENTIAL*
2820	**TRISTINA RICHARDS**...*RESIDENTIAL*
2821	**CARLOS GUZMAN**...*RESIDENTIAL*
2821	**MARIA GUZMAN**...*RESIDENTIAL*
2826	**REGINA COFFEY**...*RESIDENTIAL*
3015	**POWERLOAD FIT**...*HEALTH & FITNESS PROGRAM CONSULTANTS*
3015	**RILEY SHEPHARD**...*RESIDENTIAL*
3015	**TALAMADGE SHEPHERD**...*RESIDENTIAL*
3015	**TAMMIE SHEPHERD**...*RESIDENTIAL*
3021	**DAVID SARGEANT**...*RESIDENTIAL*

2012 30TH ST W

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2012 SHAD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

44742	**SEPULVEDA DEVELOPMENT**...*GENERAL CONTRACTORS*
44834	**HERBERT QUINTANILLA**...*RESIDENTIAL*
44841	**MONICA SEPUVEDA**...*RESIDENTIAL*
44858	**MARIA RIVAS**...*RESIDENTIAL*
44858	**SANTIAGO RIVAS**...*RESIDENTIAL*
44942	**BEAZER HOMES**...*HOME BUILDERS*

2012 W LANCASTER BLVD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2012 W LINGARD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

2642 **MARC GARRISON**...*RESIDENTIAL*
2651 **MARK ROE**...*RESIDENTIAL*
2744 **ROBIN KIMBER**...*RESIDENTIAL*
2749 **R SUNDERMAN**...*RESIDENTIAL*
2749 **ROBERT SUNDERMAN**...*RESIDENTIAL*
2755 **JAMES CARLSON**...*RESIDENTIAL*
2755 **RAYANN SMART**...*RESIDENTIAL*
2763 **SUMON WATARASTHAPORN**...*RESIDENTIAL*
2763 **SURAPHOL PHANGKHAYAN**...*RESIDENTIAL*
2803 **LUCRETIA THORNTON**...*RESIDENTIAL*
2803 **STEVEN THORNTON**...*RESIDENTIAL*
2808 **SHEMETRA JAMES**...*RESIDENTIAL*
2821 **CARLOS GUZMAN**...*RESIDENTIAL*
2821 **MARIA GUZMAN**...*RESIDENTIAL*
2821 **ROBERT IRONE**...*RESIDENTIAL*
3015 **RILEY SHEPHARD**...*RESIDENTIAL*
3015 **TALAMADGE SHEPHERD**...*RESIDENTIAL*

2007 30TH ST W

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2007 SHAD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

44742 **SEPULVEDA DEVELOPMENT**...*GENERAL CONTRACTORS*
44942 **BEAZER HOMES**...*HOME BUILDERS*

2007 W LANCASTER BLVD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2007 W LINGARD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

2755 **JAMES CARLSON**...*RESIDENTIAL*
2763 **STEVEN ECK**...*RESIDENTIAL*
2803 **L THORNTON**...*RESIDENTIAL*
2820 **ARTHUR S BIRN**...*RESIDENTIAL*

2003 30TH ST W

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2003 SHAD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2003 W LANCASTER BLVD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2003 W LINGARD ST

SOURCE: DIGITAL BUSINESS DIRECTORY

2738 **HIGH SPEED SVC**...*SERVICES, NEC, NEC*
2821 **R I ENTERPRISES**

2000 30TH ST W

SOURCE: HAINES

44158	**KUPFEREA SHIRLEY**
44158	**LOPEZ DAVE**
44158	**SHEPPARD JEWEL**
45125	**XXXX**

2000 SHAD ST

SOURCE: HAINES

RANGE NOT LISTED

2000 W LANCASTER BLVD

SOURCE: HAINES

2303	**MCDONALD'S RESTAURANTS**
4223	**XXXX**

2000 W LINGARD ST

SOURCE: HAINES

2639	**FOCAN VICKI**
2642	**GARRISON MARC**
2645	**MAHONEY DANIEL**
2651	**ROE MARK**
2755	**CARLSON JAMES**
2820	**BIRN ARTHUR S**

1995 30TH ST W

SOURCE: HAINES

44158	**XXXX**
45125	**XXXX**

1995 SHAD ST

SOURCE: HAINES

RANGE NOT LISTED

1995 W LANCASTER BLVD

SOURCE: HAINES

RANGE NOT LISTED

1995 W LINGARD ST

SOURCE: HAINES

2624	**BAUERLEIN ANTHONY**
2627	**COCHRANE ROBT J**

1991-92 30TH ST W

SOURCE: HAINES

44154 **XXXX**
44158 **XXXX**

1991-92 SHAD ST

SOURCE: HAINES

RANGE NOT LISTED

1991-92 W LANCASTER BLVD

SOURCE: HAINES

RANGE NOT LISTED

1991-92 W LINGARD ST

SOURCE: HAINES

RANGE NOT LISTED

1987 30TH ST W

SOURCE: HAINES

RANGE NOT LISTED

1987 SHAD ST

SOURCE: HAINES

RANGE NOT LISTED

1987 W LANCASTER BLVD

SOURCE: HAINES

RANGE NOT LISTED

1987 W LINGARD ST

SOURCE: HAINES

RANGE NOT LISTED

1981 30TH ST W

SOURCE: HAINES

RANGE NOT LISTED

1981 SHAD ST

SOURCE: HAINES

STREET NOT LISTED

1981 W LANCASTER BLVD

SOURCE: HAINES

RANGE NOT LISTED

1981 W LINGARD ST

SOURCE: HAINES

RANGE NOT LISTED

1975 30TH ST W

SOURCE: HAINES

RANGE NOT LISTED

1975 SHAD ST

SOURCE: HAINES

STREET NOT LISTED

1975 W LANCASTER BLVD

SOURCE: HAINES

RANGE NOT LISTED

1975 W LINGARD ST

SOURCE: HAINES

RANGE NOT LISTED

1972 30TH ST W

SOURCE: B G PUBLICATIONS

RANGE NOT LISTED

1972 SHAD ST

SOURCE: B G PUBLICATIONS

STREET NOT LISTED

1972 W LANCASTER BLVD

SOURCE: B G PUBLICATIONS

RANGE NOT LISTED

1972 W LINGARD ST

SOURCE: B G PUBLICATIONS

RANGE NOT LISTED

1967-68 30TH ST W

SOURCE: B G PUBLICATIONS

RANGE NOT LISTED

1967-68 SHAD ST

SOURCE: B G PUBLICATIONS

STREET NOT LISTED

1967-68 W LANCASTER BLVD

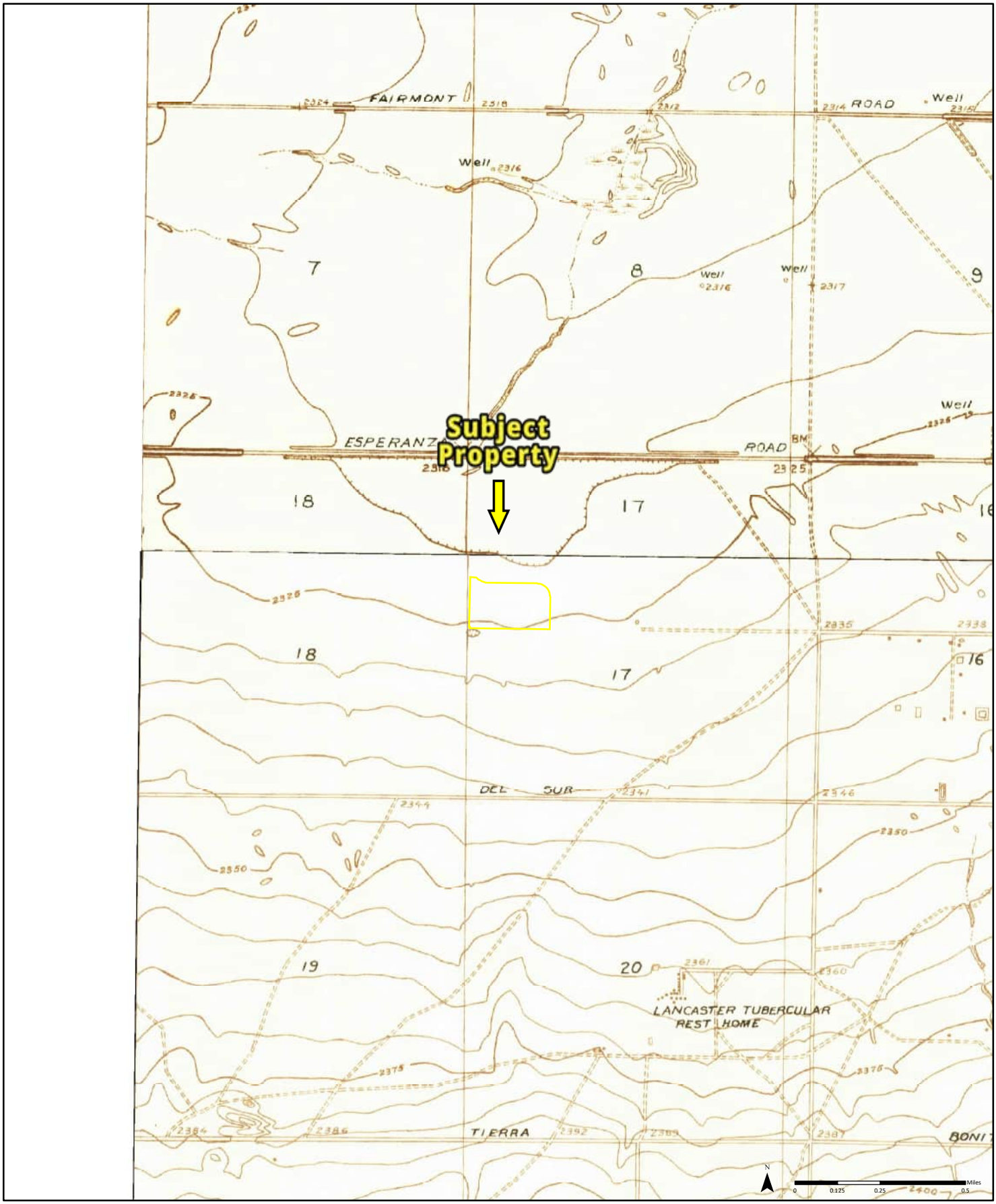
SOURCE: B G PUBLICATIONS

RANGE NOT LISTED

1967-68 W LINGARD ST

SOURCE: B G PUBLICATIONS

RANGE NOT LISTED



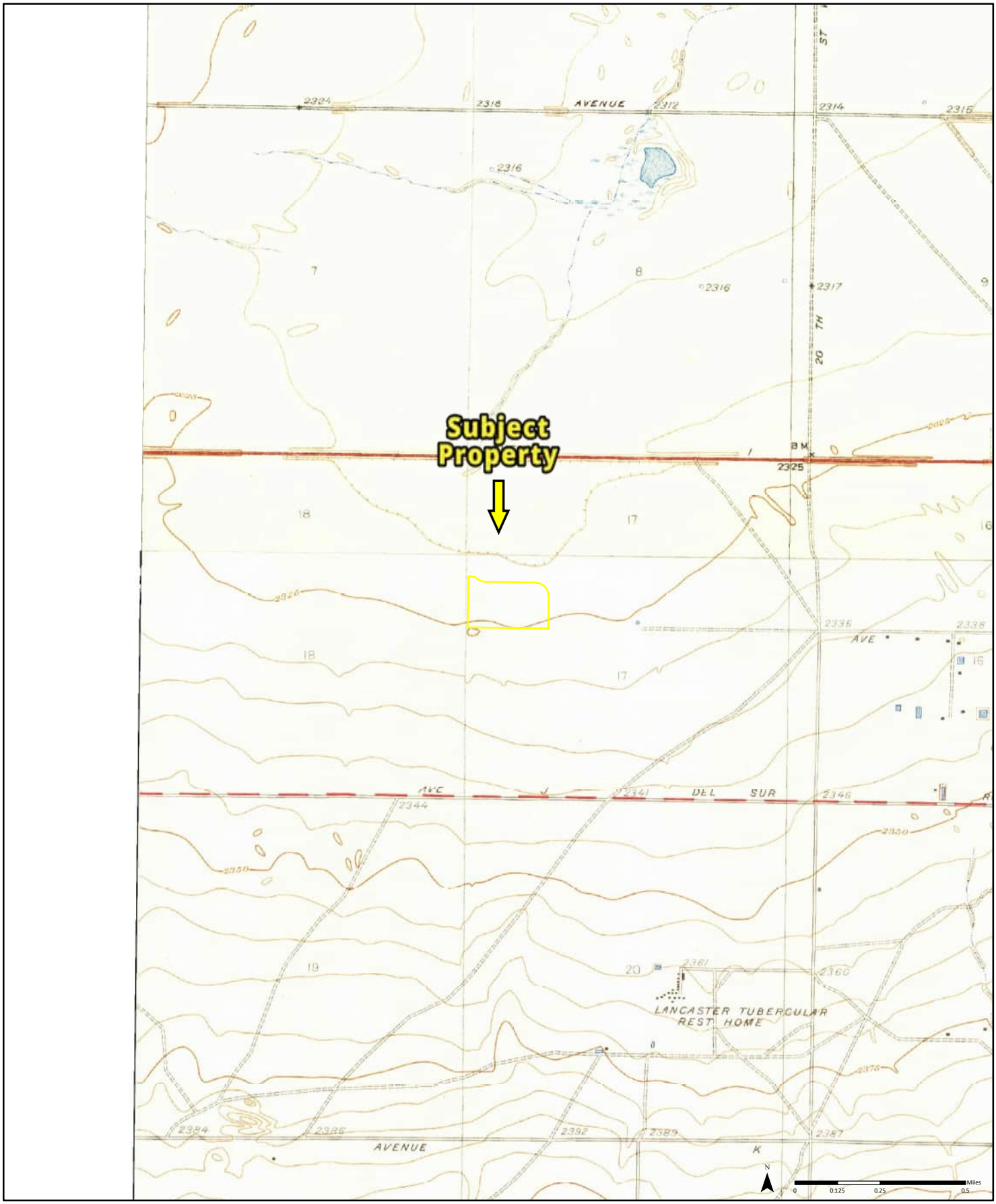
1930

Quadrangle(s): Lancaster, CA
Oban, CA

Order No. 23080100376

Source: USGS 7.5 Minute Topographic Map

PARTNER



1933

Quadrangle(s): Lancaster, CA
Oban, CA

Order No. 23080100376

Source: USGS 7.5 Minute Topographic Map

PARTNER



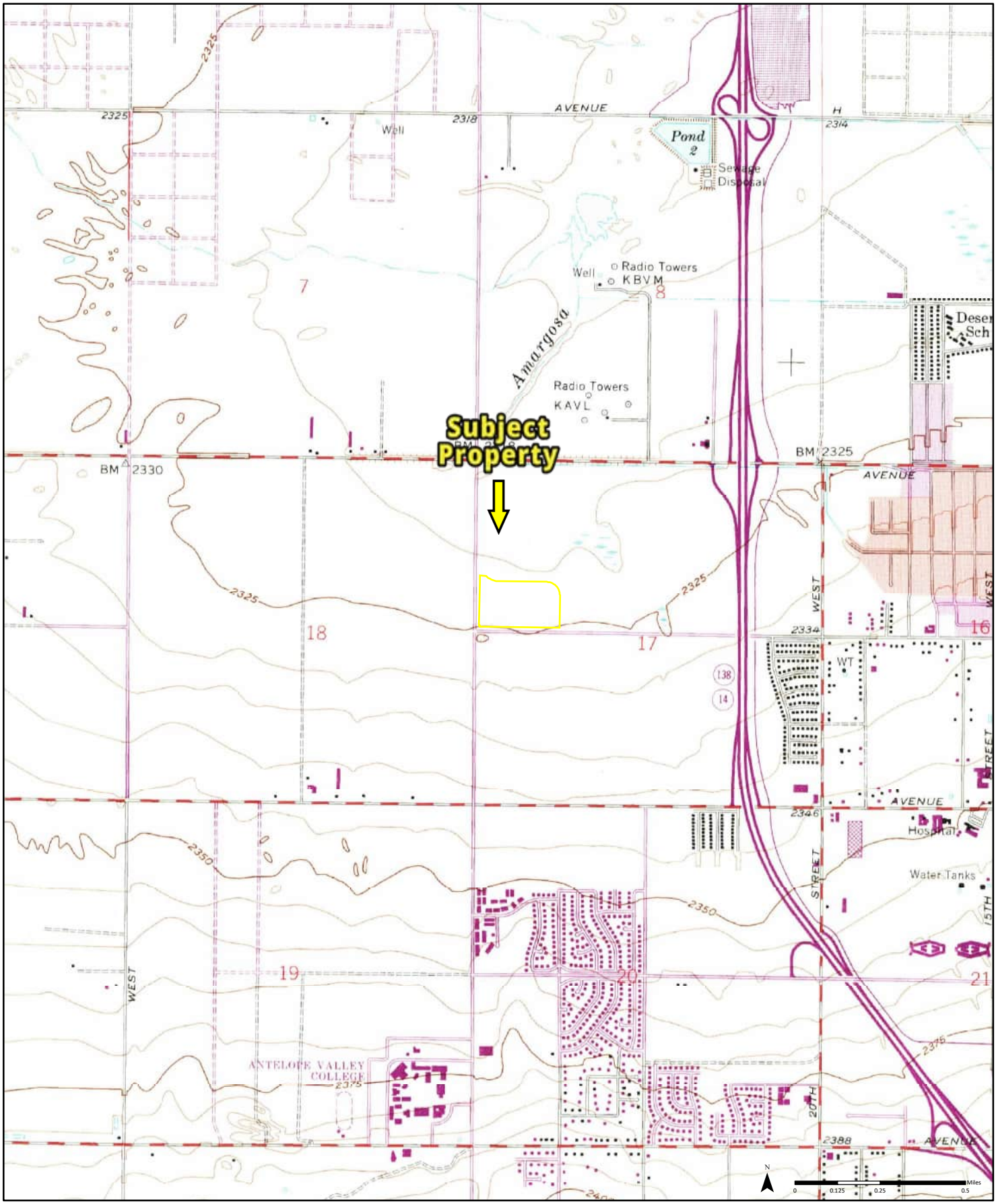
1958 (1-1958)
Aerial Photo Year: 1956

Quadrangle(s): Lancaster, CA(1-1958)

Order No. 23080100376

Source: USGS 15 Minute Topographic Map

PARTNER



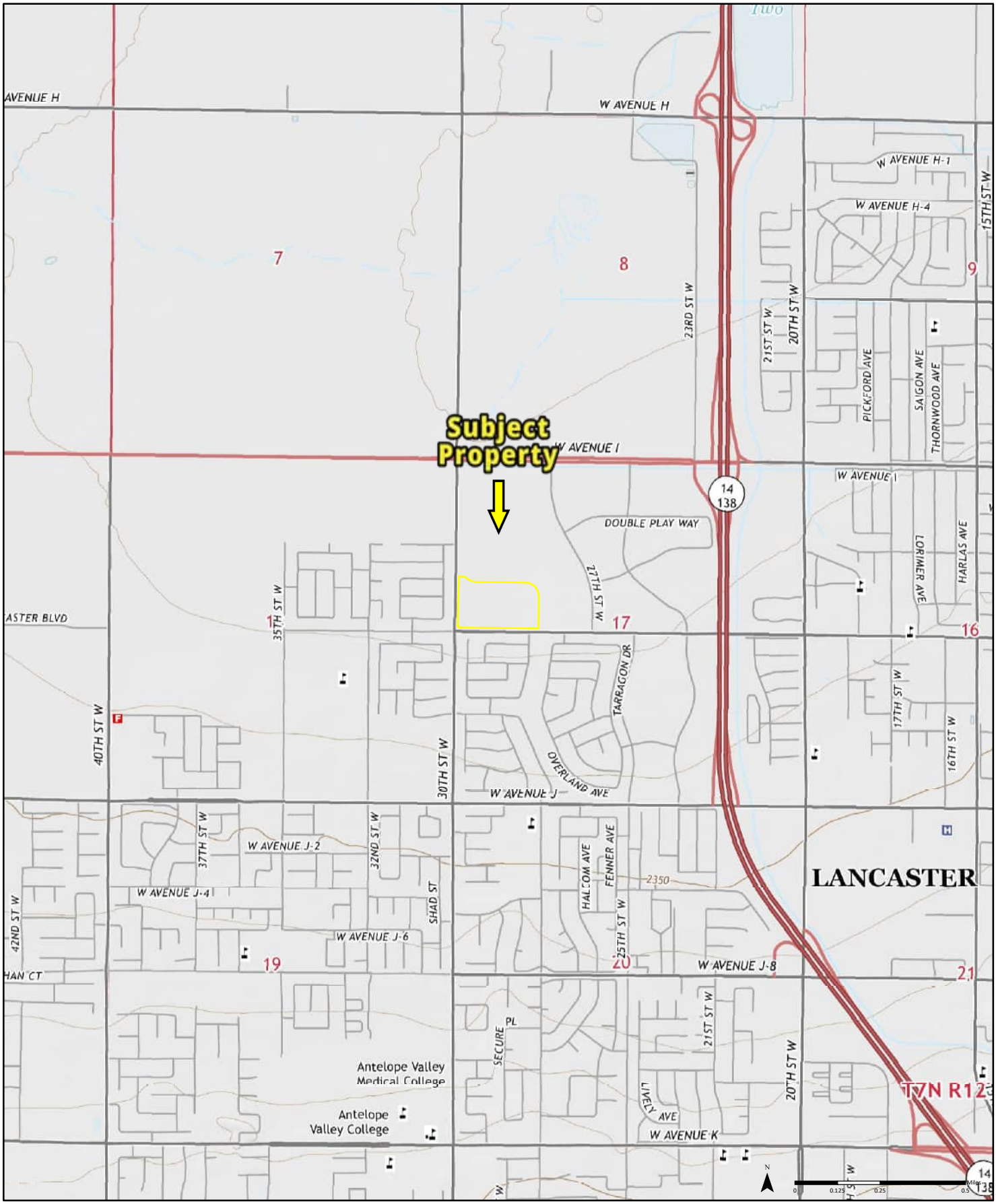
1974

Quadrangle(s): Lancaster West, CA(1-1974)
Lancaster, CA
Oban, CA

Source: USGS 7.5 Minute Topographic Map

Order No. 23080100376

PARTNER



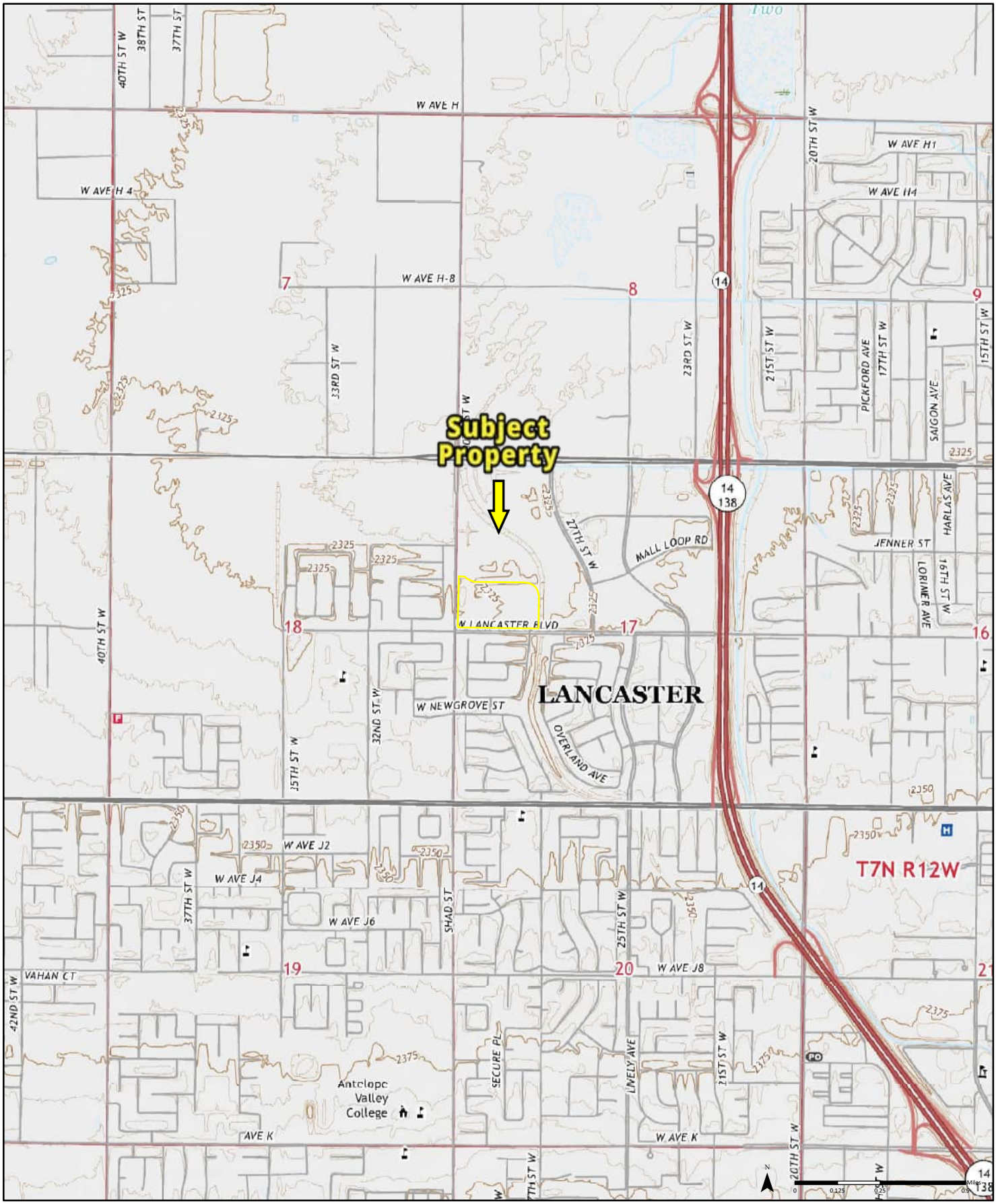
2015

Quadrangle(s): Lancaster West, CA

Order No. 23080100376

Source: USGS 7.5 Minute Topographic Map

PARTNER



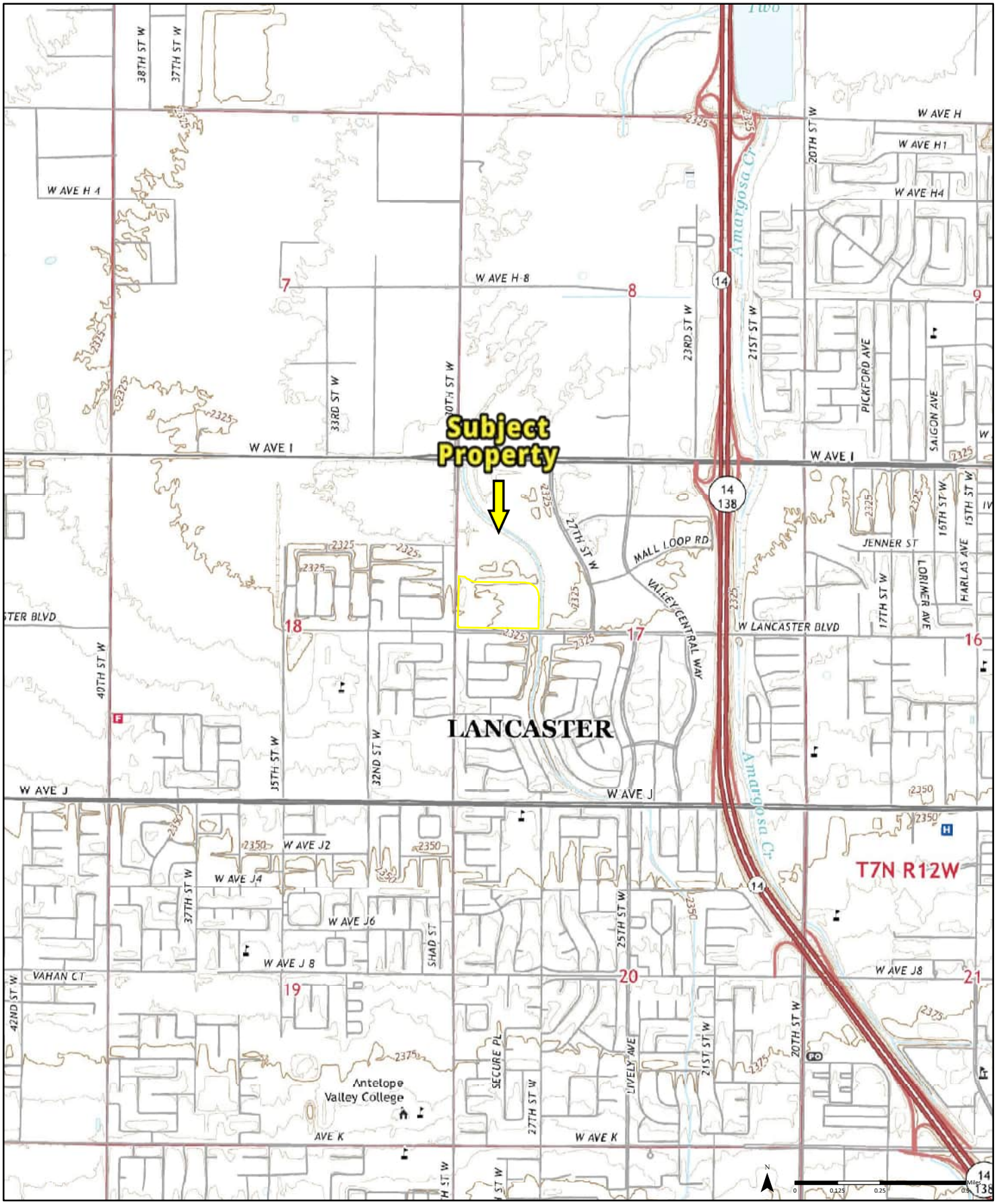
2018

Quadrangle(s): Lancaster West, CA

Order No. 23080100376

Source: USGS 7.5 Minute Topographic Map

PARTNER



2022

Quadrangle(s): Lancaster West, CA

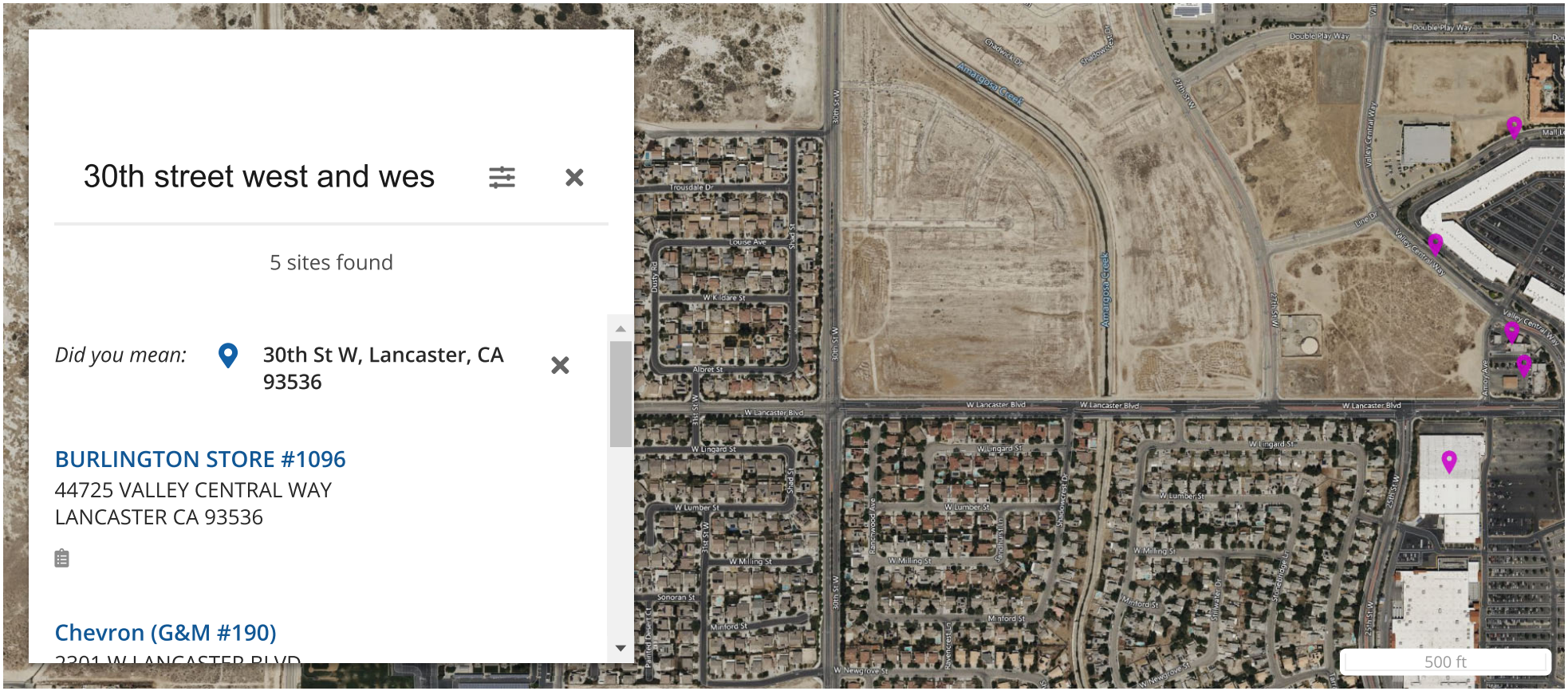
Order No. 23080100376

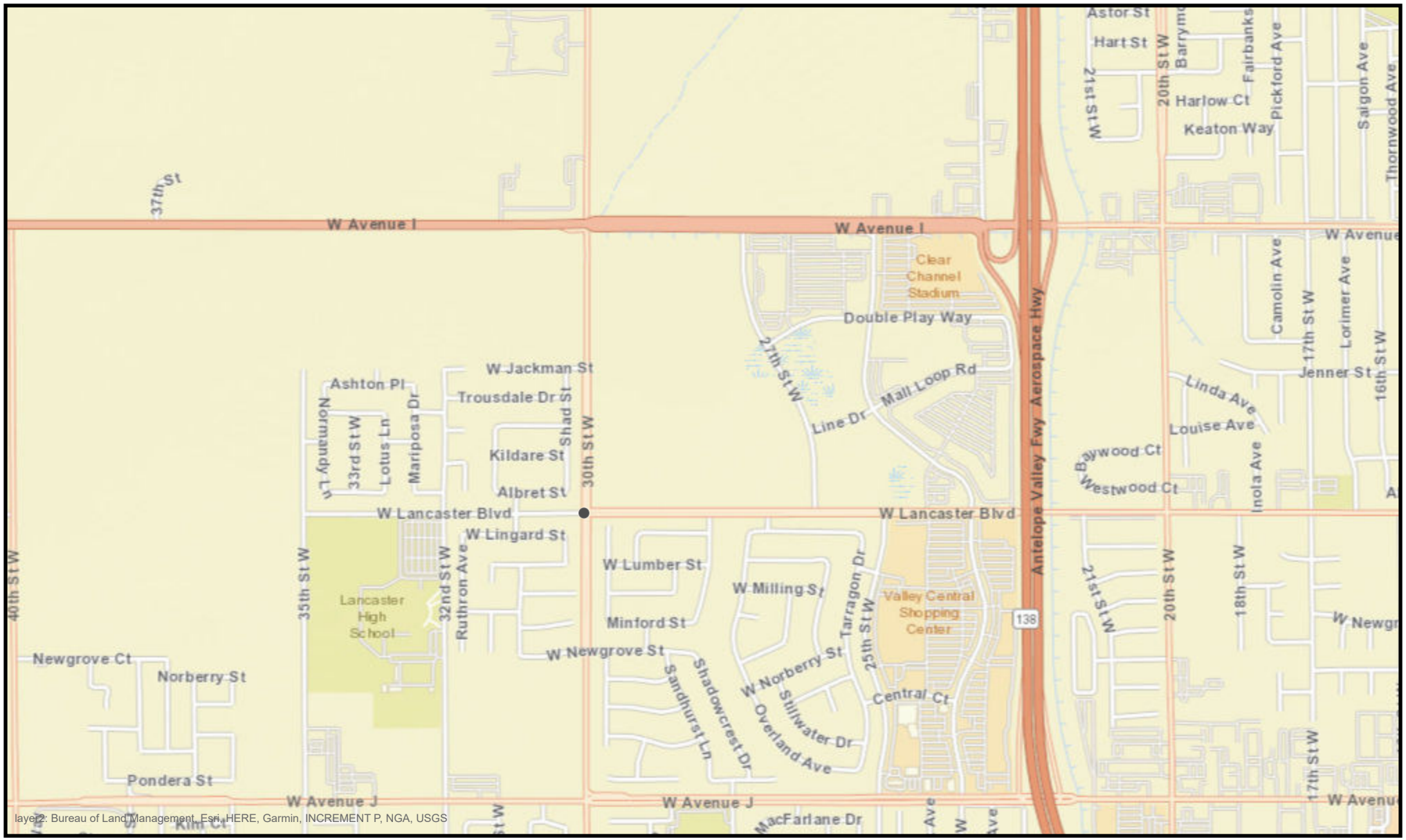
Source: USGS 7.5 Minute Topographic Map

PARTNER

About

CalEPA Regulated Site Portal





0 0.4 0.8 mi

0 0.55 1.1 km

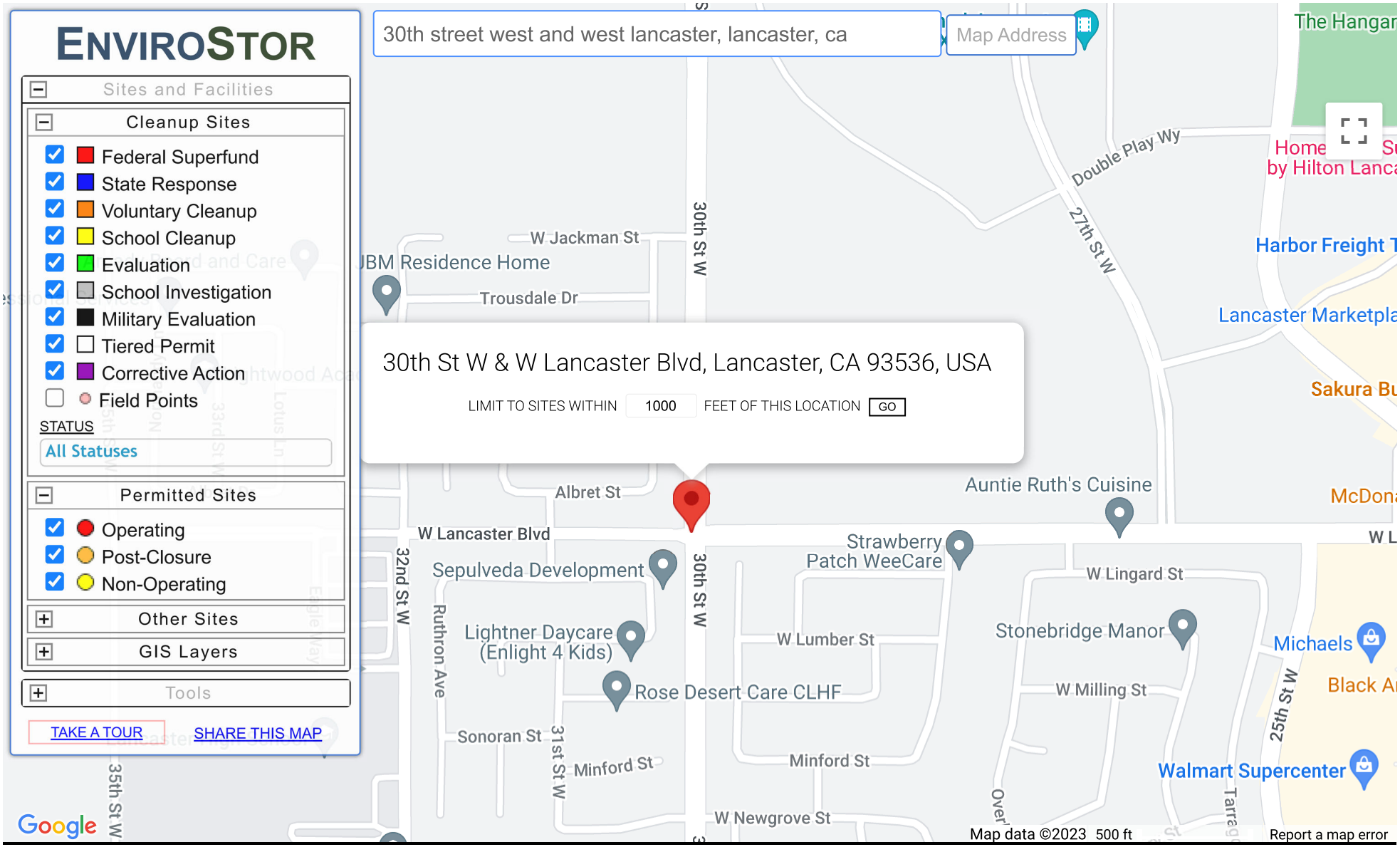
Powered by
WellSTAR
8/6/2023

Well Status & Type

Active	Oil & Gas	Observation
Idle	Gas	Multi-purpose
New	Dry Hole	Water Source
Plugged	Injection	Unknown
Canceled	Cyclic Steam	Core Hole
Unknown	Gas Storage	

Geologic Energy Management Division
715 P Street, MS 1803
Sacramento, CA 95814
Phone: (916) 445-9686
Email: calgem_webmaster@conservation.ca.gov
www.conservation.ca.gov/calgem

California Natural Resources Agency
Department of Conservation



SITES CURRENTLY VISIBLE ON MAP — 0 SITES LISTED — EXPORT THIS LIST TO EXCEL

PROJECT NAME	STATUS	PROJECT TYPE	ADDRESS	CITY

Yana Garcia
Secretary for
Environmental Protection

Department of Toxic Substances Control

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

Gavin Newsom
Governor

Facility Search Results

Selection Criteria:

Facility:	
Search on:	Physical Address
Street:	30th street west
City:	lancaster
Status:	Active and Inactive
Sort Direction:	asc
Sorted By:	EPA ID
Records Found:	2

EPA ID Number	Name	Address	City	Zip
CAC003080582	DAVID BLAKES	42641 30TH STREET WEST	LANCASTER	93536
CAL000422182	PRESTIGE ASSISTED LIVING LANCASTER	43454 30TH STREET WEST	LANCASTER	93536

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled,

Yana Garcia
Secretary for
Environmental Protection

Department of Toxic Substances Control

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

Gavin Newsom
Governor

Facility Search Results

Selection Criteria:

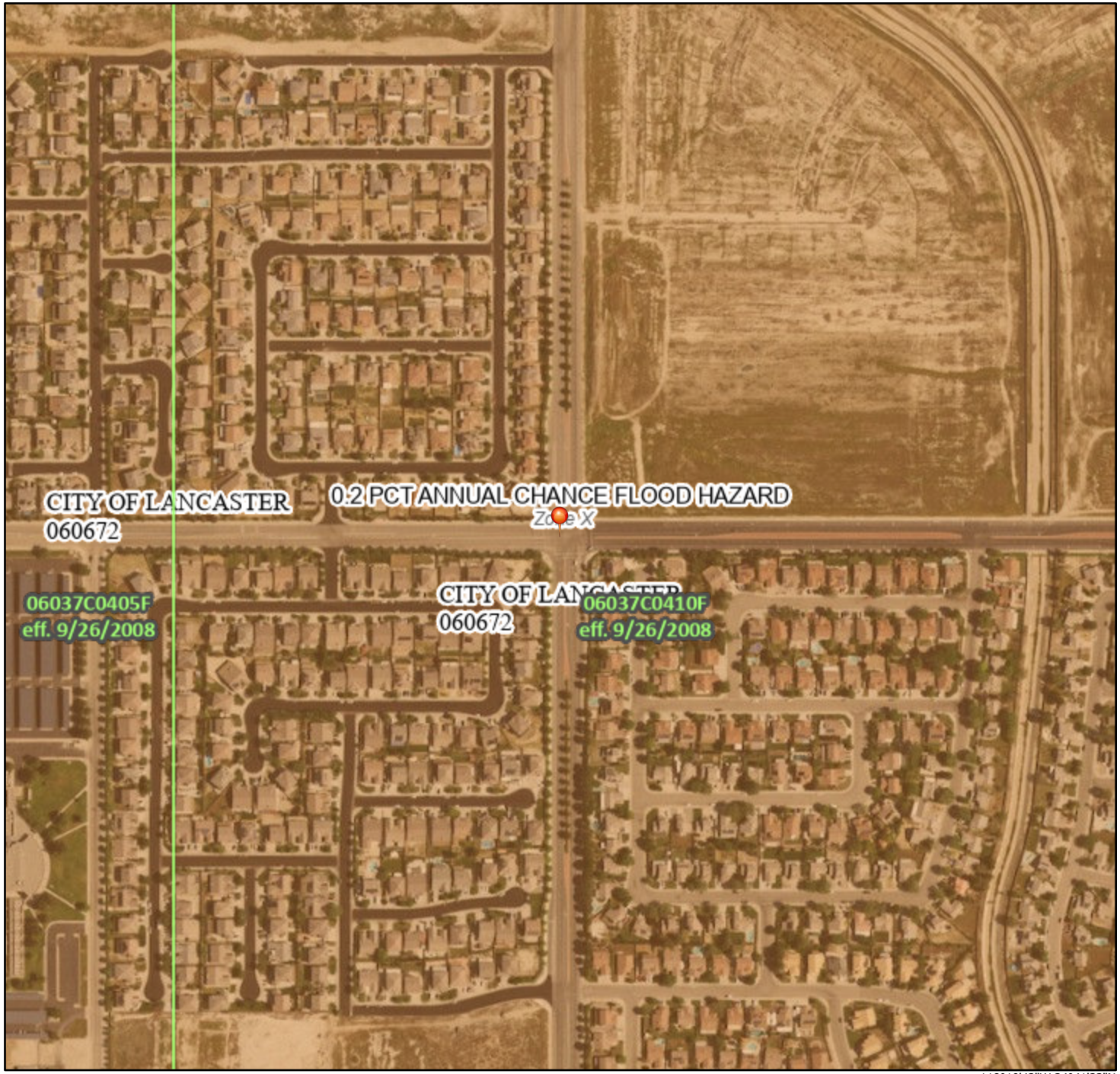
Facility:
Search on: Physical Address
Street: West Lancaster
City: lancaster
Status: Active and Inactive
Sort Direction: asc
Sorted By: EPA ID
Records Found: 8

EPA ID Number	Name	Address	City	Zip
ASB000000001	Pueblo Viejo	739 WEST LANCASTER BLVD	LANCASTER	935340000
ASB000000164	RUBY AND HANNALORE WOELFL	733-741 WEST LANCASTER BLVD	LANCASTER	935340000
CAC000727384	FIRST VALLEY NATIONAL BANK	843 WEST LANCASTER BLVD	LANCASTER	935340000
CAC000824976	1X ARCO PRODUCTS COMPANY #3030	918 WEST LANCASTER	LANCASTER	935340000
CAC000855304	1X COMMERCIAL BUILDINGS	540-542-550 WEST LANCASTER BLV	LANCASTER	935340000
CAC001001528	LANCASTER REDEVELOPMENT AGENCY	742 WEST LANCASTER BLVD	LANCASTER	935340000
CAC001019304	CITY OF LANCASTER	601-627 WEST LANCASTER BLVD	LANCASTER	935340000
CAC003188881	FABIAN & LOURDES GARCIA	1107 WEST LANCASTER BLVD	LANCASTER	93534

National Flood Hazard Layer FIRMette

FEMA

118°11'21"W 34°42'3"N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

118°10'43"W 34°41'33"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS
- Without Base Flood Elevation (BFE) *Zone A, V, A99*
- With BFE or Depth *Zone AE, AO, AH, VE, AR*
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X*
- Future Conditions 1% Annual Chance Flood Hazard *Zone X*
- Area with Reduced Flood Risk due to Levee. See Notes. *Zone X*
- Area with Flood Risk due to Levee *Zone D*

OTHER AREAS
- NO SCREEN Area of Minimal Flood Hazard *Zone X*
- Effective LOMRs
- Area of Undetermined Flood Hazard *Zone D*

GENERAL STRUCTURES
- Channel, Culvert, or Storm Sewer
- Levee, Dike, or Floodwall

OTHER FEATURES
- 20.2 / 17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
- Coastal Transect
- Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

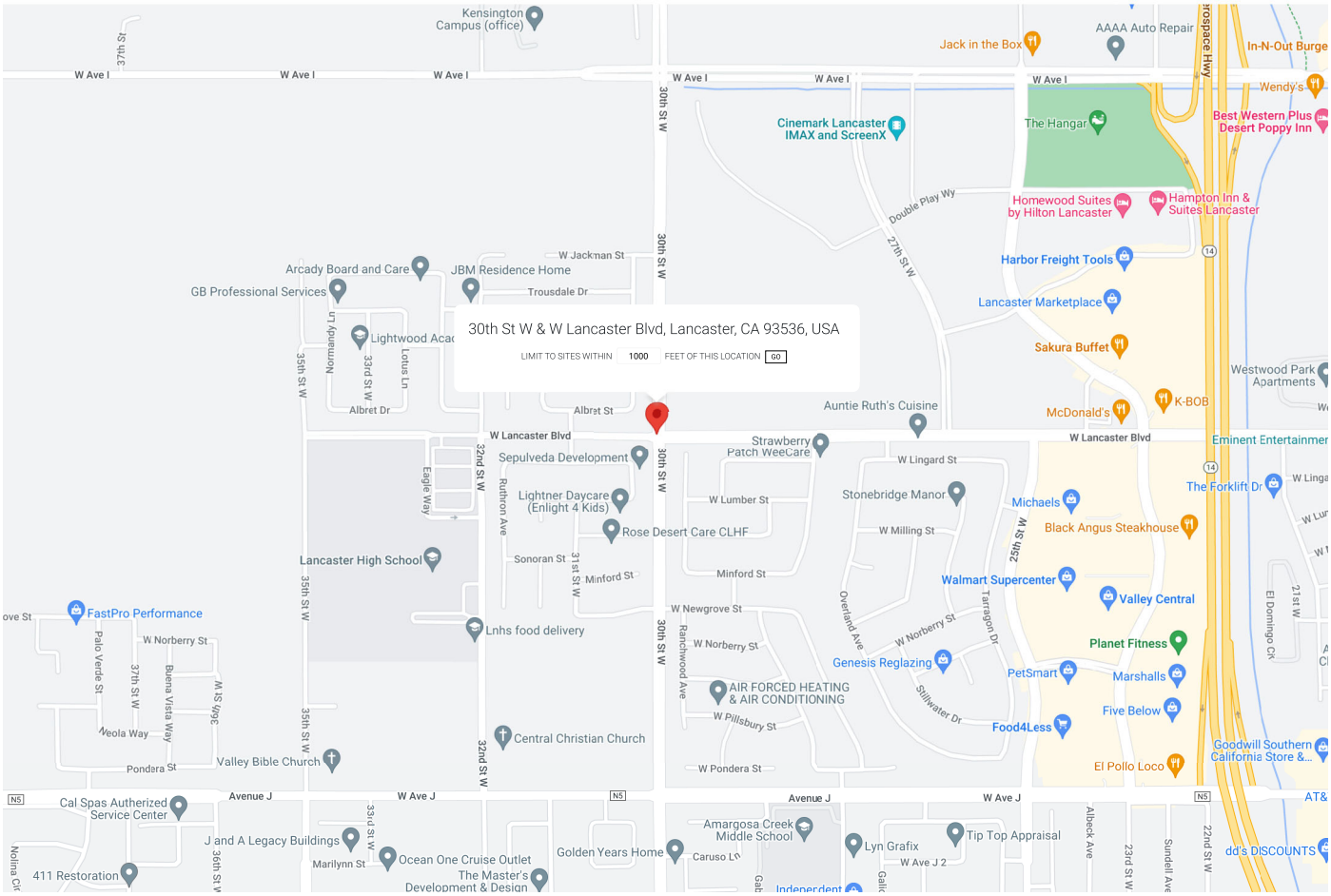
N

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

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

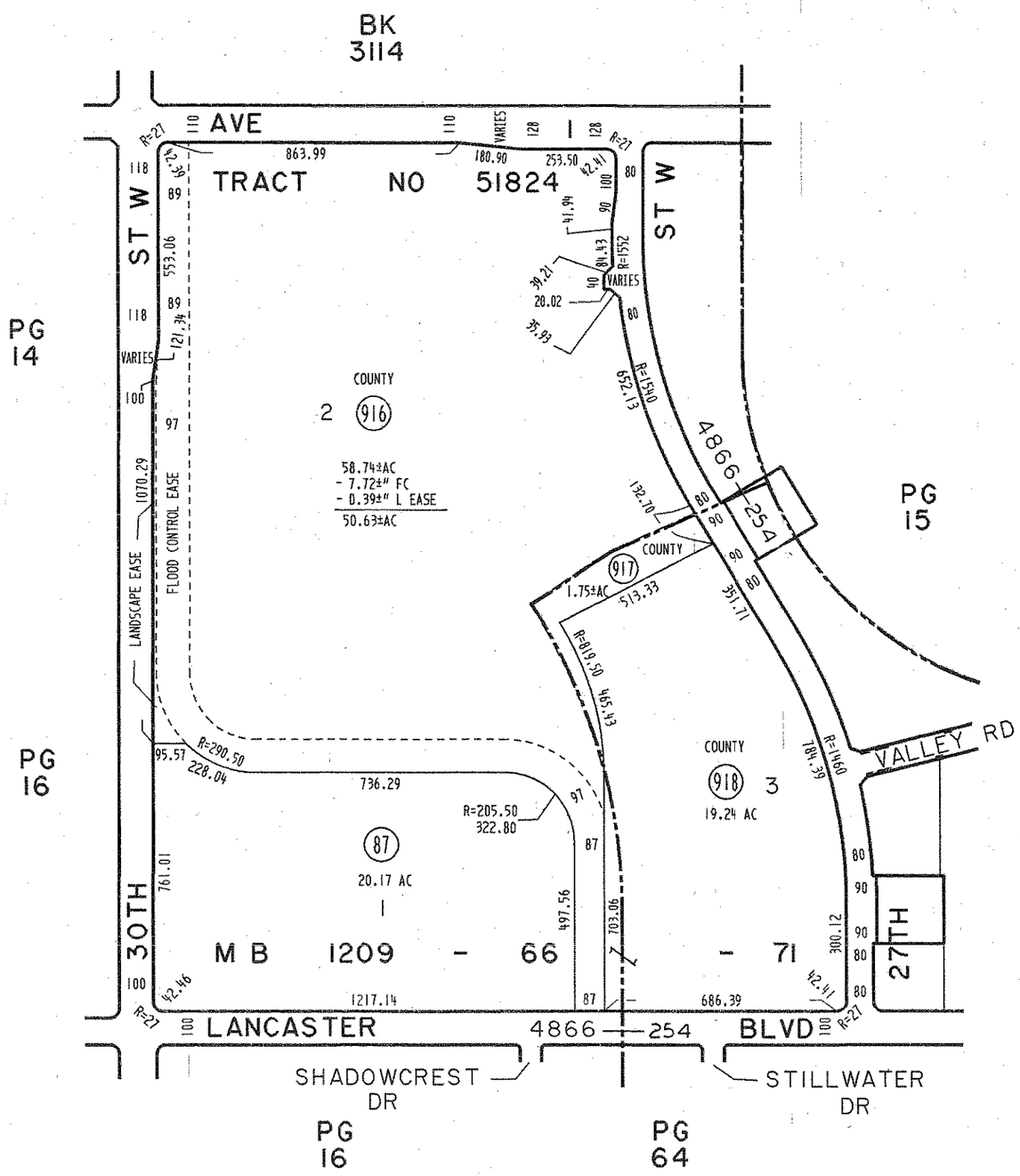
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 8/6/2023 at 9:05 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

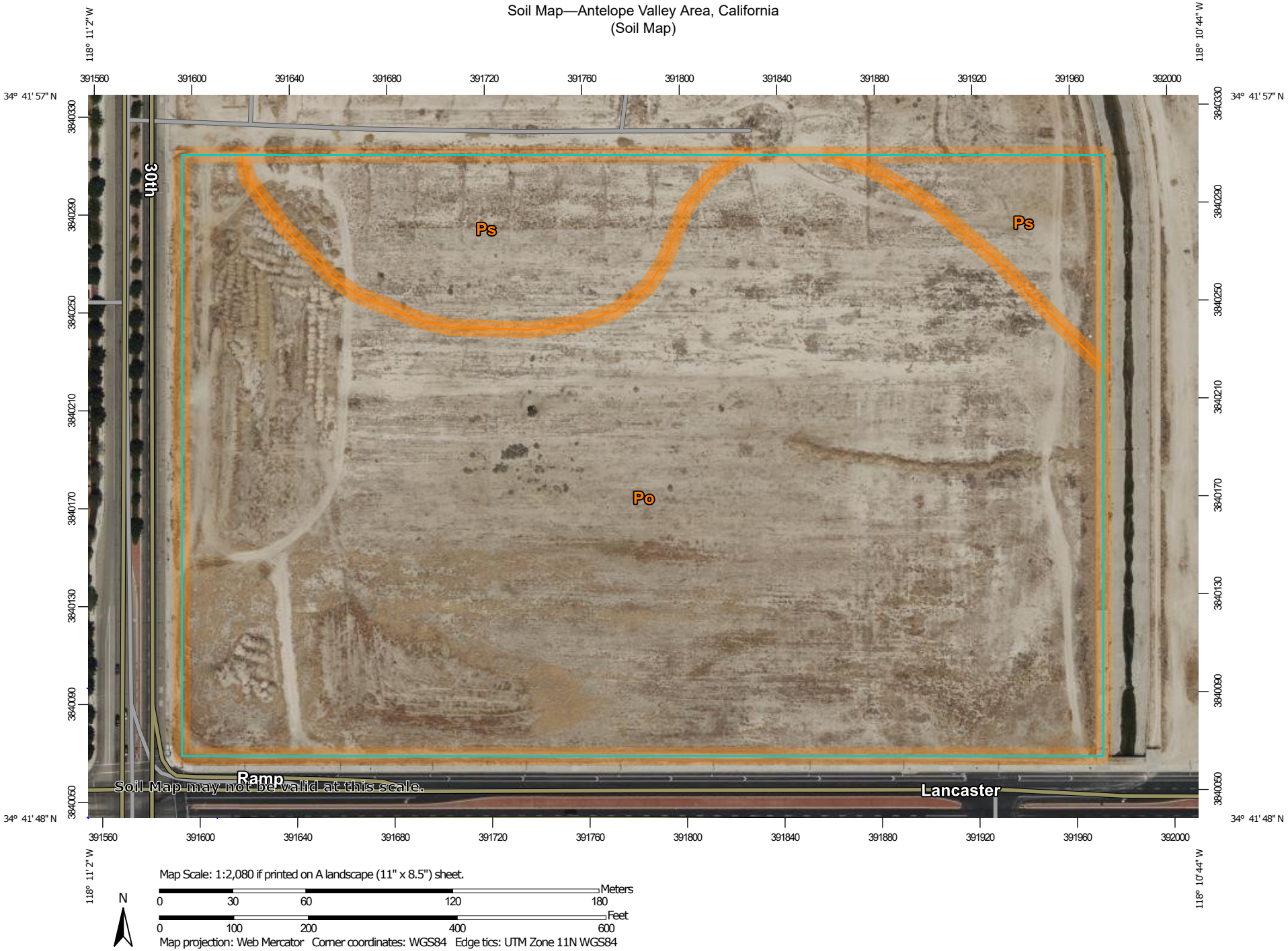

30th St W & W Lancaster Blvd, Lancaster, CA 93536, USA
LIMIT TO SITES WITHIN 1000 FEET OF THIS LOCATION GO
Kensington Campus (office)
Jack in the Box
AAAA Auto Repair
In-N-Out Burge
Wendy's
Cinemark Lancaster IMAX and ScreenX
The Hangar
Best Western Plus Desert Poppy Inn
Homewood Suites by Hilton Lancaster
Hampton Inn & Suites Lancaster
Harbor Freight Tools
Lancaster Marketplace
Sakura Buffet
Westwood Park Apartments
K-BOB
McDonald's
Auntie Ruth's Cuisine
Eminent Entertainmer
The Forklift Dr
Michaels
Black Angus Steakhouse
Stonebridge Manor
Strawberry Patch WeeCare
Sepulveda Development
Lightner Daycare (Enlight 4 Kids)
Rose Desert Care CLHF
Lancaster High School
Lnhs food delivery
Walmart Supercenter
Valley Central
Planet Fitness
Genesis Reglazing
PetSmart
Marshalls
Five Below
Food4Less
Goodwill Southern California Store &...
El Pollo Loco
AIR FORCED HEATING & AIR CONDITIONING
Central Christian Church
Valley Bible Church
FastPro Performance
Cal Spas Autherized Service Center
J and A Legacy Buildings
Ocean One Cruise Outlet
411 Restoration
The Master's Development & Design
Golden Years Home
Amargosa Creek Middle School
Lyn Grafix
Tip Top Appraisal
dd's DISCOUNTS
Arcady Board and Care
JBM Residence Home
GB Professional Services
Lightwood Acad
W Ave I
W Lancaster Blvd
Albret St
Albret Dr
Trousdale Dr
W Jackman St
Double Play Wy
W Lingard St
W Lumber St
W Milling St
Minford St
Sonoran St
W Newgrove St
W Norberry St
W Pillsbury St
W Pondera St
Avenue J
W Ave J
W Ave J 2
30th St W
27th St W
25th St W
35th St W
32nd St W
31st St W
Eagle Way
Ruthron Ave
Ranchwood Ave
Overland Ave
Tarragon Dr
Stillwater Dr
Albeck Ave
Sundell Ave
Palo Verde St
Buena Vista Way
Veola Way
Pondera St
Marilynn St
Caruso Ln
Gabbert Ave
Gallo Ave
Nolina Ct
LEGEND - CHOOSE MORE SITES
LUST Cleanup Sites - REMOVE
Cleanup Program Sites - REMOVE
Military Cleanup Sites - REMOVE
Military Privatized Sites - REMOVE
Military UST Sites - REMOVE
DTSC Cleanup Sites - REMOVE
Field Points - REMOVE
Signifies a Closed Site
ACTIVE MAP COVERAGES:
Military Bases - REMOVE
LIST SITES VISIBLE ON MAP
Map data ©2023 500 ft
Report a map error

3153	34	SCALE 1" = 400'	TRA	OFFICE OF ASSESSOR	REVISED	9504031000 3016-AI	2003
		P.A. 3153-15,59,60, 61,62	254 4866	COUNTY OF LOS ANGELES COPYRIGHT © 1993	9012210300 1007-AI 9504031000 3011-AI	9504031000 3020-AI 030317	

AUTOMATED MAPPING



PORTION OF LOT 2 IS SUBJECT TO FLOOD HAZARD



Map Scale: 1:2,080 if printed on A landscape (11" x 8.5") sheet.

N

Meters
0 30 60 120 180

Feet
0 100 200 400 600

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

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

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

Background
- Aerial Photography

MAP INFORMATION

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

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

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

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

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

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

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

Soil Survey Area: Antelope Valley Area, California
Survey Area Data: Version 15, Sep 9, 2022

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

Date(s) aerial images were photographed: Apr 14, 2022—Apr 23, 2022

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Po	Pond loam	19.4	84.4%
Ps	Pond silty clay loam	3.6	15.6%
Totals for Area of Interest		**23.0**	**100.0%**

Summary

AIN: 3153-034-087 4

Situs Address:
VAC/COR 30TH STW/LANCASTER BLVD
LANCASTER CA 93553-0000

Use Type:	Vacant Land
Parcel Type:	Regular Fee Parcel
Tax Rate Area:	04866
Parcel Status:	**ACTIVE**
Create Date:	01/10/1995
Delete Date:	
Tax Status:	**CURRENT**
Year Defaulted:	
Exemption:	None

Building & Land Overview

Use Code:	100V
Design Type:	
Quality Class:	
# of Units:	
Beds/Baths:	/
Building SqFt:	0
Year Built:	
Effective Year:	
Land SqFt:	


(https://maps.assessor.lacounty.gov/GeoCortex/Essentials/PAIS/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=3153-034)

Parcel Map (https://maps.assessor.lacounty.gov/GeoCortex/Essentials/PAIS/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=3153-034) / Map Index (https://maps.assessor.lacounty.gov/GeoCortex/Essentials/PAIS/REST/sites/PAIS/VirtualDirectory/AssessorMaps/ViewMap.html?val=3153-NDX)

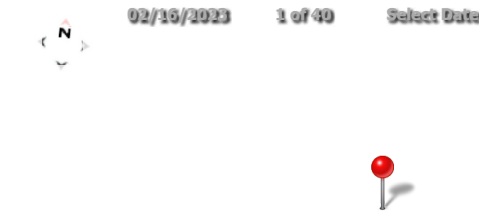
	2024 Roll Preparation		2023 Current Roll	RC	Year		2010 Base Value
$	1,687,873	$	1,654,778	T	2010	$	1,333,750
$	0	$	0	T	2010	$	0
$	1,687,873	$	1,654,778			$	1,333,750

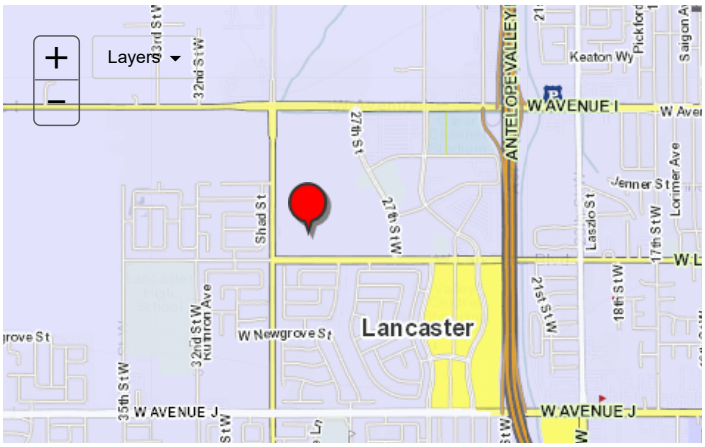
Assessor's Responsible Division

District:	Lancaster Office
Region:	A1
Cluster:	01606 LANC COMMERCIAL

Lancaster Office (https://maps.google.com/?q=251+E.+Avenue+K+6+Lancaster%2C+CA+93535)
251 E. Avenue K 6
Lancaster, CA 93535

Phone: (661) 940-6700
Toll Free: 1 (888) 807-2111
M-F 7:30 am to 5:00 pm





Building and Land Characteristics

Land Information

Use Code = 100V (Vacant Land)

Total SqFt (GIS):	0
Total SqFt (PDB):	
Usable SqFt:	0
Acres:	
Land W' x D':	0 x 0

Sewers:
Flight Path:
X-Traffic:
Freeway:
Corner Lot:
Golf Front:
Horse Lot:
View:

Zoning: (Refer Issuing Agency)
Code Split:
Impairment: None

Situs Address:
VAC/COR 30TH STW/LANCASTER BLVD LANCASTER CA 93553-0000

Legal Description *(for assessment purposes)*:
TR=51824 LOT 1

Use Code: 100V (Vacant Land)
1 = Commercial
0 = Commercial
0 = Unused or Unknown Code (No Meaning)
V = Vacant Land

Building Information

SUBPART:
Design Type:
Quality Class:

# of Units:
Beds/Baths: /
Building SqFt: 0

Year Built:
Effective Year:
Depreciation: / /

RCN Other: $ 0
RCN Other Trended: $ 0
Year Change:

Design Type:
=
=
=
=

SUMMARY: ***Total***

# of Units: 0
Beds/Baths: 0/0
Building SqFt: 0
Avg SqFt/Unit:

Events History

Ownership () Parcel Change ()

Show Re-Assessable Only: ☐

Recording Date	Seq. #	Re-Assessed	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
10/09/2009	50	Yes	1	00%-0	K	$ 1,334,013	$ 1,333,750

Recording Date	Seq. #	Re-Assessed	# Parcels	%	Ver. Code	DTT Sale Price	Assessed Value
10/04/2007	50	No		00%-0		$ 0	$ 2,294,372
07/18/2000	50	Yes	1	00%-0	A	$ 2,000,000	$ 2,000,000
05/29/1998	50	Yes	1	00%-0	A	$ 0	$ 850,000
12/31/1997	50	Yes	1	00%-0		$ 850,000	$ 850,000
04/27/1989	50	Yes		00%-0		$ 0	$ 1,994,381

Assessment History

Show All: ☑ Hide Inactive Rolls: ☐

Showing 1 to 41 of 41 entries.

Bill Number	Bill Type	Bill Status	Date to Auditor	Recording Date	Total Value	Land Value	Improvement Value
224-PSEG				10/09/2009	$ 1,687,873	$ 1,687,873	$
2230000	R	A	07/12/2023	10/09/2009	$ 1,654,778	$ 1,654,778	$ 0
2220000	R	A	07/26/2022	10/09/2009	$ 1,622,332	$ 1,622,332	$ 0
2210000	R	A	07/06/2021	10/09/2009	$ 1,590,522	$ 1,590,522	$ 0
2200000	R	A	07/06/2020	10/09/2009	$ 1,574,214	$ 1,574,214	$ 0
2190000	R	A	07/01/2019	10/09/2009	$ 1,543,348	$ 1,543,348	$ 0
2180000	R	A	07/19/2018	10/09/2009	$ 1,513,087	$ 1,513,087	$ 0
2170000	R	A	06/26/2017	10/09/2009	$ 1,483,419	$ 1,483,419	$ 0
2160000	R	A	07/05/2016	10/09/2009	$ 1,454,333	$ 1,454,333	$ 0
2150000	R	A	06/23/2015	10/09/2009	$ 1,432,488	$ 1,432,488	$ 0
2140000	R	A	06/24/2014	10/09/2009	$ 1,404,428	$ 1,404,428	$ 0
2130000	R	A	06/25/2013	10/09/2009	$ 1,398,081	$ 1,398,081	$ 0
2120000	R	A	06/27/2012	10/09/2009	$ 1,370,668	$ 1,370,668	$ 0
2110000	R	A	07/06/2011	10/09/2009	$ 1,343,793	$ 1,343,793	$ 0
2100000	R	A	07/22/2010	10/09/2009	$ 1,333,750	$ 1,333,750	$ 0
2090100	T	A	02/21/2010	10/09/2009	$ 1,333,750	$ 1,333,750	$ 0
2090000	R	A	06/11/2009	10/04/2007	$ 2,340,259	$ 2,340,259	$ 0
2080000	R	A	06/12/2008	10/04/2007	$ 2,294,372	$ 2,294,372	$ 0
2070000	R	A	06/14/2007	07/18/2000	$ 2,249,385	$ 2,249,385	$ 0
2060000	R	A	06/22/2006	07/18/2000	$ 2,205,280	$ 2,205,280	$ 0
2050000	R	A	06/24/2005	07/18/2000	$ 2,162,040	$ 2,162,040	$ 0
2040000	R	A	06/26/2004	07/18/2000	$ 2,119,648	$ 2,119,648	$ 0
2030000	R	A	06/27/2003	07/18/2000	$ 2,080,800	$ 2,080,800	$ 0
2020000	R	A	07/05/2002	07/18/2000	$ 2,040,000	$ 2,040,000	$ 0
2010000	R	A	06/30/2001	07/18/2000	$ 2,000,000	$ 2,000,000	$ 0
2000100	T	A	04/22/2001	07/18/2000	$ 2,000,000	$ 2,000,000	$ 0
2000000	R	A	07/13/2000	05/29/1998	$ 883,065	$ 883,065	$ 0
1990000	R	A	07/16/1999	05/29/1998	$ 865,750	$ 865,750	$ 0
1980100	T	A	10/06/1998	05/29/1998	$ 850,000	$ 850,000	$ 0
1980000	R	A	07/14/1998	12/31/1997	$ 850,000	$ 850,000	$ 0
1970200	T	A	10/06/1998	05/29/1998	$ 850,000	$ 850,000	$ 0
1970100	T	A	05/19/1998	12/31/1997	$ 850,000	$ 850,000	$ 0
1970002	C	A	04/14/1998	04/27/1989	$ 1,150,900	$ 1,150,900	$ 0
1970001	C	I	10/07/1997	04/27/1989	$ 1,660,000	$ 1,660,000	$ 0
1970000	R	I	07/19/1997	04/27/1989	$ 2,081,325	$ 2,081,325	$ 0
1960002	C	A	04/14/1998	04/27/1989	$ 1,150,900	$ 1,150,900	$ 0
1960001	C	I	10/07/1997	04/27/1989	$ 1,660,000	$ 1,660,000	$ 0
1960000	R	I	08/03/1996	04/27/1989	$ 2,040,515	$ 2,040,515	$ 0
1950001	C	A	10/07/1997	04/27/1989	$ 1,660,000	$ 1,660,000	$ 0
1950000	R	I	07/29/1995	04/27/1989	$ 2,018,114	$ 2,018,114	$ 0
1940000	W	W	0	04/27/1989	$ 1,994,381	$ 1,994,381	$ 0

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PDB Effective Date: 08/01/2023

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APPENDIX C: REGULATORY DATABASE REPORT

DATABASE REPORT

Project Property:	*Desert Meadows Apartments and Townhomes* *Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd)* *Lancaster CA 93536*
Project No:	*23-417216.1*
Report Type:	*Database Report*
Order No:	*23080100376*
Requested by:	*Partner Engineering and Science, Inc.*
Date Completed:	*August 2, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Table of Contents.....2
Executive Summary.....3
Executive Summary: Report Summary.....4
Executive Summary: Site Report Summary - Project Property.....10
Executive Summary: Site Report Summary - Surrounding Properties.....11
Executive Summary: Summary by Data Source.....12
Map.....14
Aerial.....17
Topographic Map.....18
Detail Report.....19
Unplottable Summary.....28
Unplottable Report.....29
Appendix: Database Descriptions.....30
Definitions.....50

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Executive Summary

Property Information:

Project Property:		*Desert Meadows Apartments and Townhomes* *Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd) Lancaster CA 93536*
Project No:		*23-417216.1*
Coordinates:		
	Latitude:	*33.1580933*
	Longitude:	*-117.3505939*
	UTM Northing:	*3,840,170.24*
	UTM Easting:	*391,777.09*
	UTM Zone:	*11S*
Elevation:		*2,326 FT*

Order Information:

Order No:	*23080100376*
Date Requested:	*August 1, 2023*
Requested by:	*Partner Engineering and Science, Inc.*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (with Project Boundaries)*
City Directory Search	*Smart CD 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*
Vapor Screening Tool	*Vapor Screening Tool*

Executive Summary: Report Summary

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

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
DOE FUSRAP	Y	1	0	0	0	0	0	0
State								
RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	0	0	0	0	0
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
SWRCB SWF	Y	0.5	0	0	0	0	-	0
WMUD	Y	0.5	0	0	0	0	-	0
HWP	Y	1	0	0	0	0	0	0
SWAT	Y	0.5	0	0	0	0	-	0
C&D DEBRIS RECY	Y	0.5	0	0	0	**1**	-	**1**
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

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
LUR	Y	0.5	0	0	0	0	-	0
CALSITES	Y	0.5	0	0	0	0	-	0
HLUR	Y	0.5	0	0	0	0	-	0
DEED	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
CLEANUP SITES	Y	0.5	0	0	0	0	-	0
DELISTED CLEANUP	Y	0.5	0	0	0	0	-	0
DELISTED COUNTY	Y	0.25	0	0	0	-	-	0
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0
County								
SML LA	Y	PO	0	-	-	-	-	0
SWF LA COUNTY	Y	PO	0	-	-	-	-	0
CUPA LA COUNTY	Y	PO	0	-	-	-	-	0
HMS LA	Y	PO	0	-	-	-	-	0
UST SANTAFESP	Y	PO	0	-	-	-	-	0
UST LONGB	Y	PO	0	-	-	-	-	0
CUPA BURBANK	Y	PO	0	-	-	-	-	0
UST ELSEGUNDO	Y	PO	0	-	-	-	-	0
UST SANTA MONICA	Y	PO	0	-	-	-	-	0
AST SANTAMON	Y	PO	0	-	-	-	-	0
CUPA SANTAMON	Y	PO	0	-	-	-	-	0
UST TORRANCE	Y	PO	0	-	-	-	-	0
UST VERNON	Y	PO	0	-	-	-	-	0
CUPA VERNON	Y	PO	0	-	-	-	-	0
UST LA CITY	Y	PO	0	-	-	-	-	0
AST LA CITY	Y	PO	0	-	-	-	-	0
HAZMAT LA CITY	Y	PO	0	-	-	-	-	0
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	**1**	0	0	-	**1**
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
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
FUDS MRS	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
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	0	-	-	0
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
PFAS SAMPLING	Y	0.5	0	0	**1**	0	-	**1**
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DRYC GRANT	Y	0.25	0	0	0	-	-	0
PFAS GT CLEANUPS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	**1**	0	-	**1**
PFAS INVEST	Y	0.5	0	0	0	0	-	0
HWSS CLEANUP	Y	0.5	0	0	0	0	-	0
TOXIC PITS	Y	1	0	0	0	0	0	0
DTSC HWF	Y	0.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	0	0	0	0
SCH	Y	1	0	0	0	0	0	0
CHMIRS	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	0	-	-	-	-	0
HAZ GEN	Y	PO	0	-	-	-	-	0
HAZ TSD	Y	0.5	0	0	0	0	-	0
HIST MANIFEST	Y	PO	0	-	-	-	-	0
HW TRANSPORT	Y	0.125	0	0	-	-	-	0
WASTE TIRE	Y	PO	0	-	-	-	-	0
MEDICAL WASTE	Y	0.25	0	0	0	-	-	0
HIST CORTESE	Y	0.5	0	0	0	0	-	0
CDO/CAO	Y	0.5	0	0	0	0	-	0
CERS HAZ	Y	0.125	0	0	-	-	-	0
DELISTED HAZ	Y	0.5	0	0	0	0	-	0
GEOTRACKER	Y	0.125	0	0	-	-	-	0
MINE	Y	1	0	0	0	0	0	0
LIEN	Y	PO	0	-	-	-	-	0
WASTE DISCHG	Y	0.25	0	0	0	-	-	0
EMISSIONS	Y	0.25	0	0	0	-	-	0
CDL	Y	0.125	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
Tribal	***No Tribal additional environmental record sources available for this State.***							
County								
HAZMAT SANTAMON	*Y*	*PO*	*0*	*-*	*-*	*-*	*-*	*0*
HAZ WST SANTAMON	*Y*	*PO*	*0*	*-*	*-*	*-*	*-*	*0*
Total:			*0*	***2***	***2***	***1***	*0*	***5***

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

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

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
1	RCRA NON GEN	ANTONIO J WHITE DBA TONY S TRANSPORTATIO	3035 WEST LINGARD STREET LANCASTER CA 93536 ***EPA Handler ID:*** CAR000182345	WSW	0.09 / 485.58	3	19
1	PFAS IND	ANTONIO J WHITE DBA TONY S TRANSPORTATIO	LANCASTER CA	WSW	0.09 / 485.58	3	20
2	PFAS GW		CA	E	0.20 / 1,034.88	1	21
2	PFAS SAMPLING	WELL 04-60	ALHAMBRA CA	E	0.20 / 1,034.88	1	25
3	C&D DEBRIS RECY	JIFFY LUBE #3813	44846 VALLEY CENTRAL WAY LANCASTER CA 93536	E	0.42 / 2,215.59	4	27

Executive Summary: Summary by Data Source

Standard

Federal

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Apr 24, 2023 has found that there are 1 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ANTONIO J WHITE DBA TONY S TRANSPORTATIO	3035 WEST LINGARD STREET LANCASTER CA 93536 ***EPA Handler ID**: CAR000182345*	WSW	0.09 / 485.58	1

State

C&D DEBRIS RECY - Construction and Demolition Debris Recyclers

A search of the C&D DEBRIS RECY database, dated Jun 20, 2018 has found that there are 1 C&D DEBRIS RECY site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
JIFFY LUBE #3813	44846 VALLEY CENTRAL WAY LANCASTER CA 93536	E	0.42 / 2,215.59	3

Non Standard

Federal

PFAS IND - PFAS Industry Sectors

A search of the PFAS IND database, dated Apr 16, 2023 has found that there are 1 PFAS IND site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ANTONIO J WHITE DBA TONY S TRANSPORTATIO	LANCASTER CA	WSW	0.09 / 485.58	1

State

PFAS GW - PFOA/PFOS Groundwater

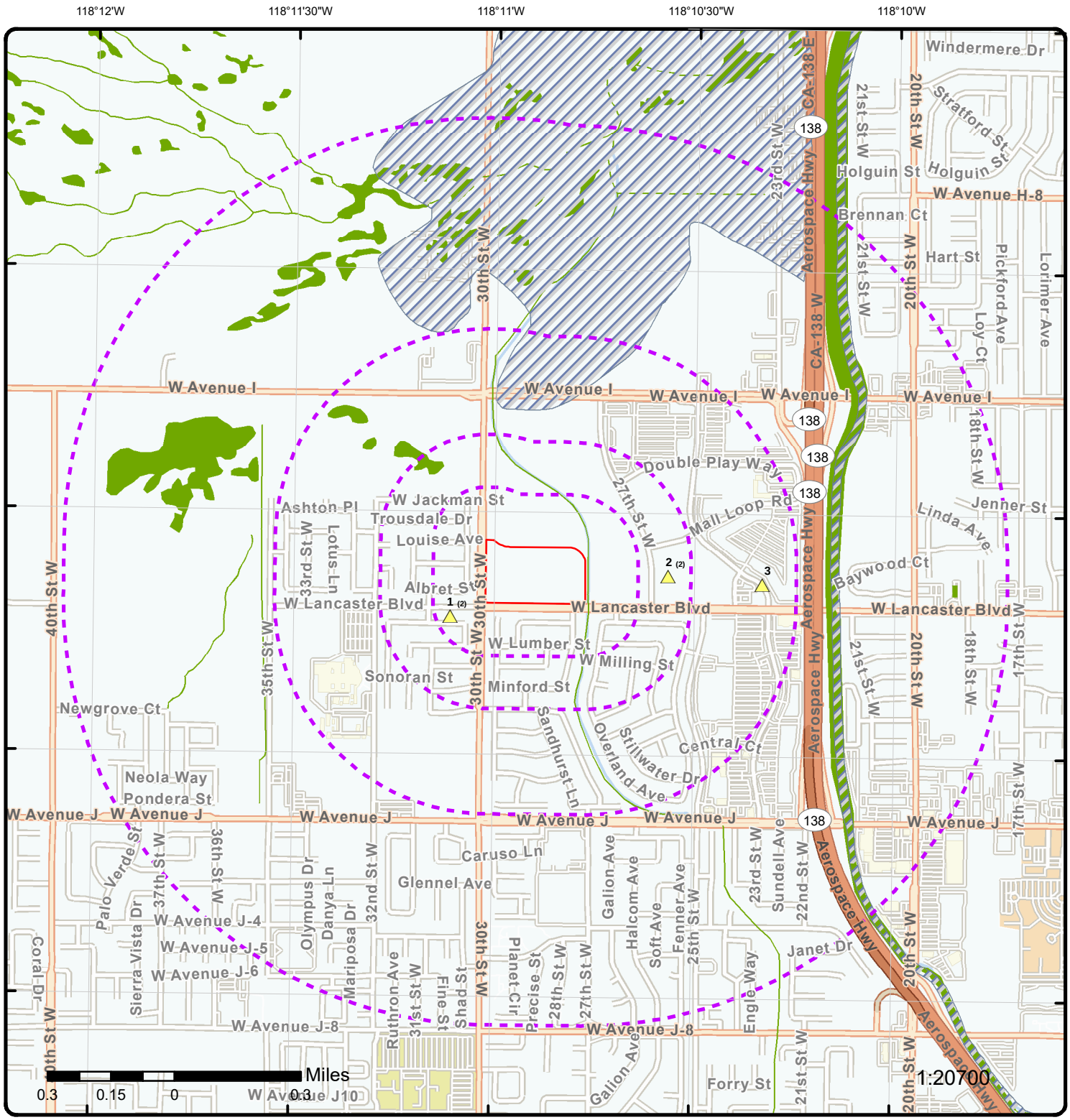
A search of the PFAS GW database, dated Apr 30, 2023 has found that there are 1 PFAS GW site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	CA	E	0.20 / 1,034.88	2

PFAS SAMPLING - PFAS Sampling Locations

A search of the PFAS SAMPLING database, dated Mar 14, 2023 has found that there are 1 PFAS SAMPLING site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
WELL 04-60	ALHAMBRA CA	E	0.20 / 1,034.88	2



Map: 1.0 Mile Radius

Order Number: 23080100376

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

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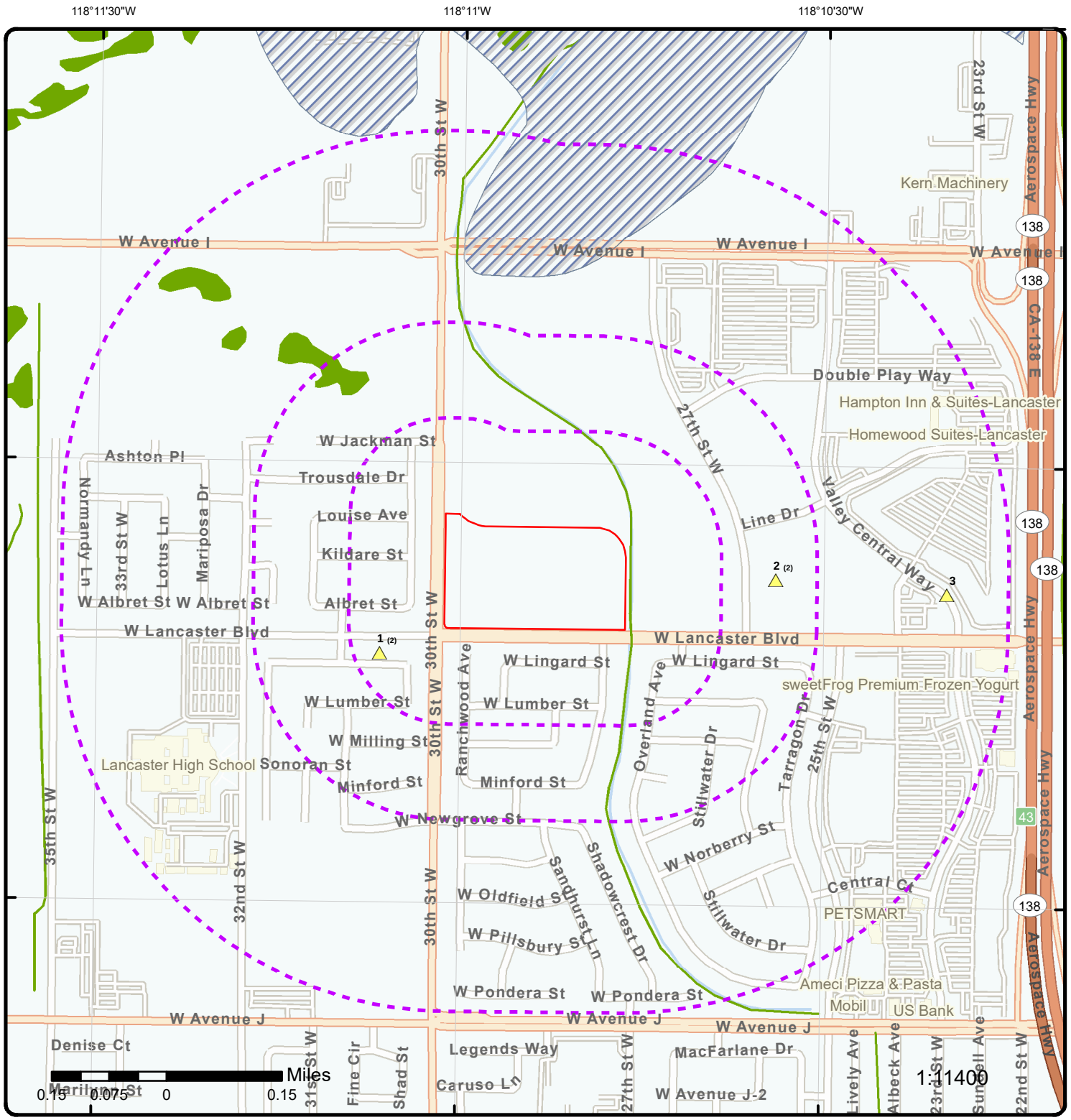

Map: 0.5 Mile Radius

Order Number: 23080100376

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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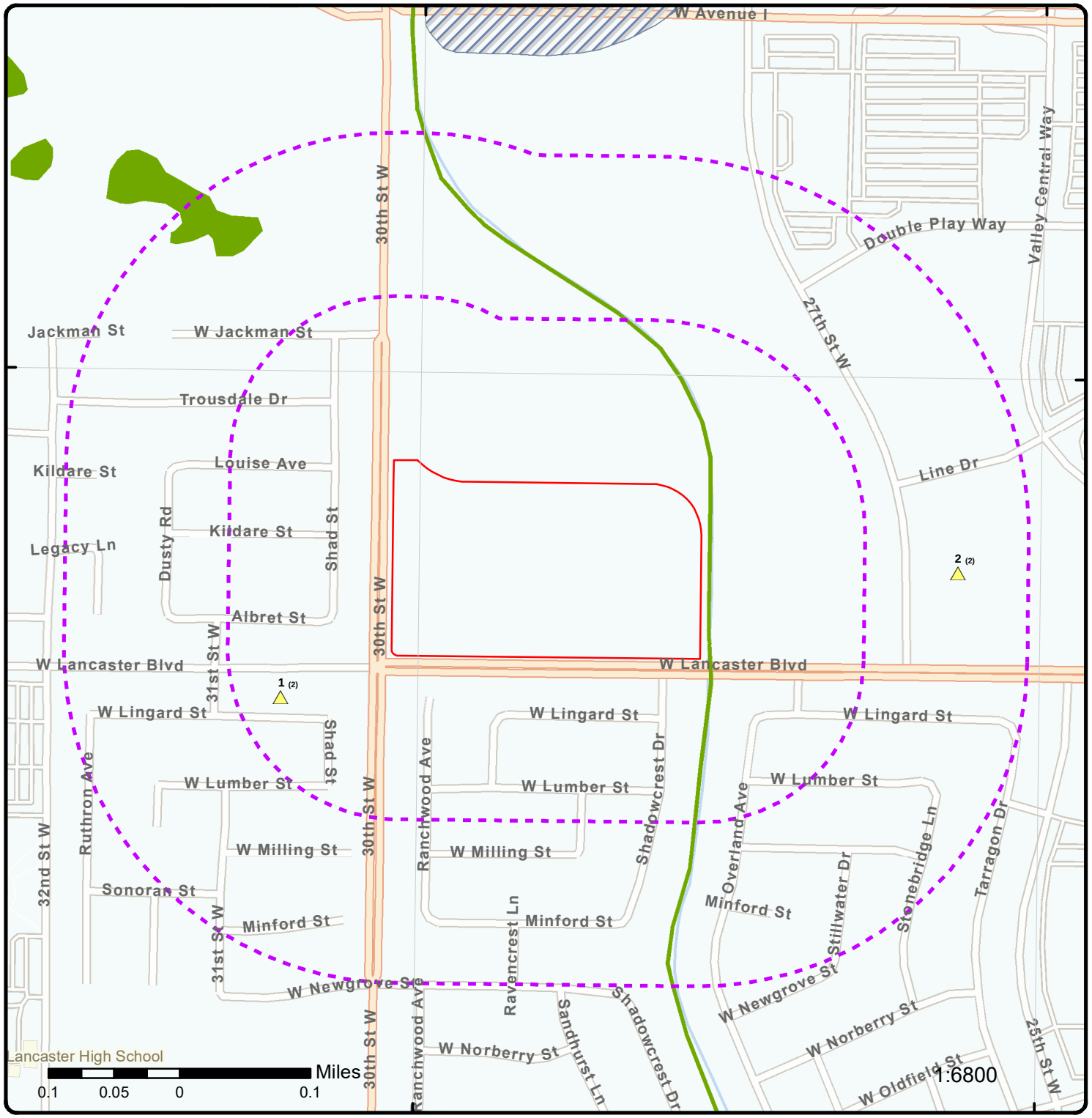

Map: 0.25 Mile Radius

Order Number: 23080100376

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancaster, CA

ERIS

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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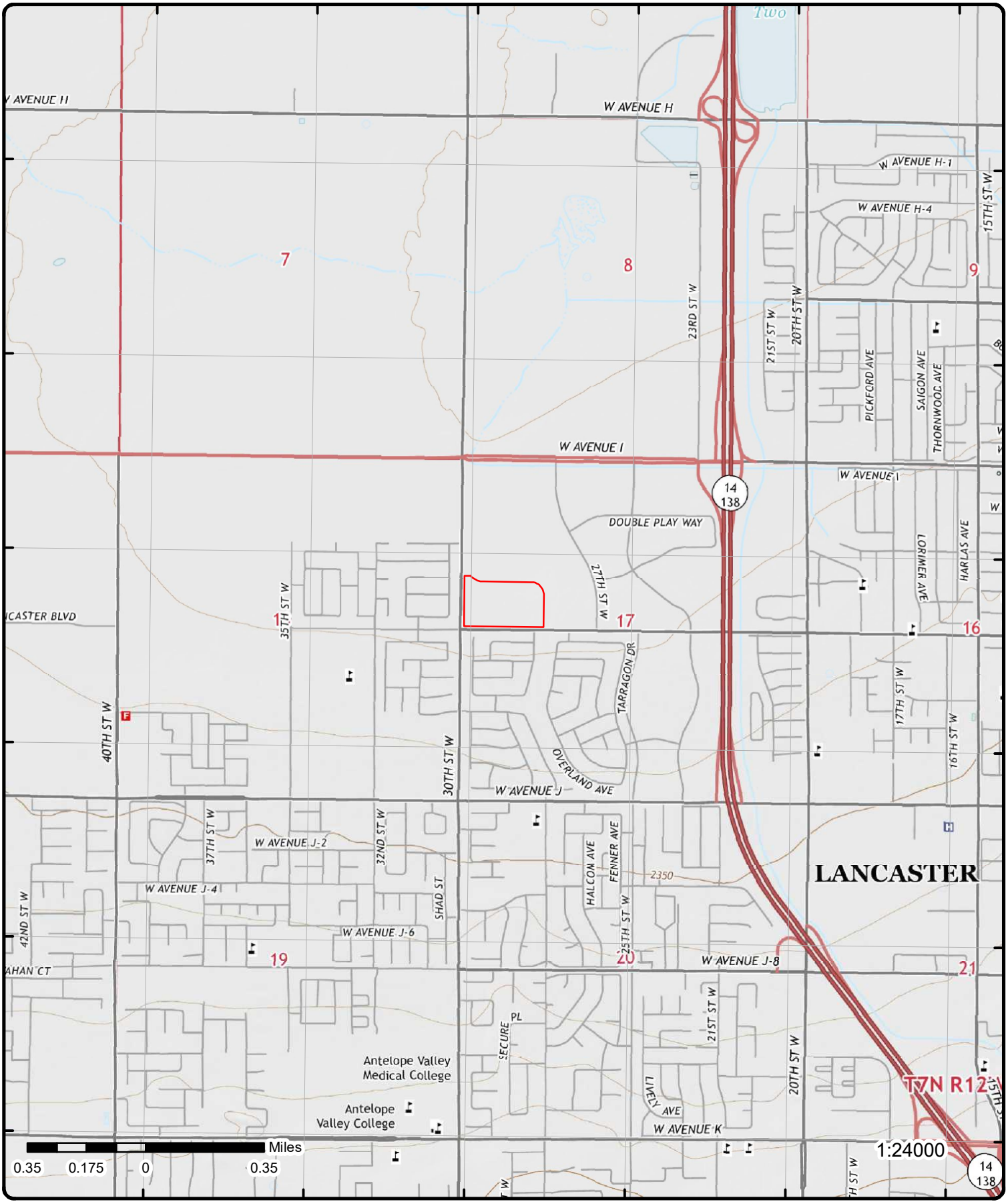
Aerial **Year: 2021**

Order Number: 23080100376

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), Lancas

© ERIS Information Inc.

Source: ESRI World Imagery



Topographic Map

Year: 2015

Order Number: 23080100376

Address: Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd), CA

Quadrangle(s): Lancaster West, CA

Source: USGS Topographic Map

© ERIS Information Inc.

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 2	WSW	0.09 / 485.58	2,328.76 / 3	ANTONIO J WHITE DBA TONY S TRANSPORTATIO 3035 WEST LINGARD STREET LANCASTER CA 93536	RCRA NON GEN

EPA Handler ID: CAR000182345
Gen Status Universe: No Report
Contact Name: ANTONIO J WHITE
Contact Address: PO BOX 6461 , , LANCASTER , CA, 93539 , US
Contact Phone No and Ext: 661-733-5394
Contact Email: AUSTAMIL@MSN.COM
Contact Country: US
County Name: LOS ANGELES
EPA Region: 09
Land Type: Private
Receive Date: 20070309
Location Latitude: 34.696188
Location Longitude: -118.185137

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Apr, 2023.

Evaluation Details

Evaluation Start Date: 20110224
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

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

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20070309
Handler Name: ANTONIO J WHITE DBA TONY S TRANSPORTATIO

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

Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ANTONIO J WHITE	**Street 2:**	
Date Became Current:	20040901	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	
Name:	ANTONIO J WHITE	**Street 2:**	
Date Became Current:	20040901	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Notification	**Zip Code:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	2 of 2	WSW	0.09 / 485.58	2,328.76 / 3	ANTONIO J WHITE DBA TONY S TRANSPORTATIO LANCASTER CA	PFAS IND

Status:	Active	**Fac Fips Code:**	06037
Industry:	Waste Management	**Fac Indian Cntry Flg:**	N
Compliance Status:	No Violation Identified	**Fac Derived Huc:**	18090206
EPA Programs:	RCRA	**Fac Derived Wbd:**	180902061406
Federal Facility:	No	**Fac Derived Cd113:**	23
Federal Agency:	-	**Fac Derived Cb2010:**	060379010043099
Fac Snc Flg:	N	**Fac Informal Count:**	0
AIR Flag:	N	**Last Informal Action:**	-
NPDES Flag:	N	**Formal Action Count:**	0
SDWIS Flag:	N	**Last Formal Action:**	-
RCRAFlag:	Y	**Fac Total Penalties:**	0
TRI Flag:	N	**Fac Penalty Count:**	-
GHG Flag:	N	**Date Last Penalty:**	-
TRI IDs:	-	**Last Penalty Amt:**	-
TRI Releases Trnsfrs:	-	**Fac Qtrs With Nc:**	0
TRI on Site Releases:	-	**Programs With Snc:**	0
TRI off Site Trnsfrs:	-	**Fac Percent Minority:**	62.056
TRI Reporter:	-	**Fac Pop Den:**	2792.15
Fac Imp Water Flg:	-	**Count:**	1
Fac Major Flag:	-	**Fac County:**	LOS ANGELES
Fac Active Flag:	Y	**State Other :**	
Fac Inspection Count:	0	**Region:**	09
Date Last Inspection:	2/24/2011	**Latitude:**	34.69616
Days Last Inspection:	4433	**Longitude:**	-118.18513

Fac Derived Tribes:	-
AIR IDs:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDs:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDs:	CAR000182345
RCRA Permit Types:	Transporter
RCRA NAICS:	562111 562112
SDWA IDs:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA Snc Flag:	N

Fac Collection Meth:	ADDRESS MATCHING-HOUSE NUMBER
EJSCREEN Flag Us:	Y
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-118.18513,%22y%22:34.69616,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110031319945

2 | **1 of 2** | **E** | **0.20 / 1,034.88** | **2,326.61 / 1** | **CA** | **PFAS GW**

Well ID:	CA1910070_073_073	**SRS Latitude:**	34.697844
Gm Dataset Name:	DDW	**SRS Longitude:**	-118.176067
Gm Data Source:	DDW	**Latitude:**	34.697844
Gm Well Category:	MUNICIPAL	**Longitude:**	-118.176067
SRS Datum:			
Gm Altwell Id1:	1910070-073		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		**SRC Chemical:**	2805
Gm Result:	40	**SRC Result:**	
Gm Result Modifier:	<	**SRC Result Modifie:**	Y
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFOS	**SRC Report Limit:**	40
Gm Reporting Limit:	40	**SRC Analytic Meth:**	NULL
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorooctanoic sulfonate		
Gm Samp Collection Date:	08/07/2018		
Gm Screen Top Depth Ft:	225		
Gm Screen Bottom Depth Ft:	470		
SRC Samp Collection Date:	08/07/2018		
SRC Samp Collection Time:	10:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	EUROFINS EATON ANALYTICAL (MONROVIA)		

Well Details

Gm Cas No:		**SRC Chemical:**	2802
Gm Result:	2	**SRC Result:**	
Gm Result Modifier:	<	**SRC Result Modifie:**	Y
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHPA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	NULL
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroheptanoic acid		
Gm Samp Collection Date:	08/07/2018		
Gm Screen Top Depth Ft:	225		
Gm Screen Bottom Depth Ft:	470		
SRC Samp Collection Date:	08/07/2018		
SRC Samp Collection Time:	10:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	EUROFINS EATON ANALYTICAL (MONROVIA)		

Well Details

Gm Cas No:		**SRC Chemical:**	2812
Gm Result:	2	**SRC Result:**	
Gm Result Modifier:	<	**SRC Result Modifie:**	Y
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L

Gm Chemical Vvl:	PFUNDCA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	NULL
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluoroundecanoic acid		
Gm Samp Collection Date:	08/07/2018		
Gm Screen Top Depth Ft:	225		
Gm Screen Bottom Depth Ft:	470		
SRC Samp Collection Date:	08/07/2018		
SRC Samp Collection Time:	10:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	EUROFINS EATON ANALYTICAL (MONROVIA)		

Well Details

Gm Cas No:		**SRC Chemical:**	2807
Gm Result:	2	**SRC Result:**	
Gm Result Modifier:	<	**SRC Result Modifie:**	Y
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNDCA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	NULL
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorodecanoic acid		
Gm Samp Collection Date:	08/07/2018		
Gm Screen Top Depth Ft:	225		
Gm Screen Bottom Depth Ft:	470		
SRC Samp Collection Date:	08/07/2018		
SRC Samp Collection Time:	10:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	EUROFINS EATON ANALYTICAL (MONROVIA)		

Well Details

Gm Cas No:		**SRC Chemical:**	2803
Gm Result:	1.8	**SRC Result:**	
Gm Result Modifier:	<	**SRC Result Modifie:**	Y
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHXSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	NULL
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanesulfonic acid		
Gm Samp Collection Date:	08/07/2018		
Gm Screen Top Depth Ft:	225		
Gm Screen Bottom Depth Ft:	470		
SRC Samp Collection Date:	08/07/2018		
SRC Samp Collection Time:	10:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	EUROFINS EATON ANALYTICAL (MONROVIA)		

Well Details

Gm Cas No:		**SRC Chemical:**	2811
Gm Result:	2	**SRC Result:**	
Gm Result Modifier:	<	**SRC Result Modifie:**	Y
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTRIDA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	NULL
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotridecanoic acid		
Gm Samp Collection Date:	08/07/2018		
Gm Screen Top Depth Ft:	225		
Gm Screen Bottom Depth Ft:	470		
SRC Samp Collection Date:	08/07/2018		

SRC Samp Collection Time: 10:00:00
SRC Screen Top Depth Ft:
SRC Screen Bottom Depth Ft:
SRC Lab Note: EUROFINS EATON ANALYTICAL (MONROVIA)

Well Details

Gm Cas No: ***SRC Chemical:*** 2808
Gm Result: 2 ***SRC Result:***
Gm Result Modifier: < ***SRC Result Modifie:*** Y
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFDOA ***SRC Report Limit:*** 2
Gm Reporting Limit: 2 ***SRC Analytic Meth:*** NULL
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorododecanoic acid
Gm Samp Collection Date: 08/07/2018
Gm Screen Top Depth Ft: 225
Gm Screen Bottom Depth Ft: 470
SRC Samp Collection Date: 08/07/2018
SRC Samp Collection Time: 10:00:00
SRC Screen Top Depth Ft:
SRC Screen Bottom Depth Ft:
SRC Lab Note: EUROFINS EATON ANALYTICAL (MONROVIA)

Well Details

Gm Cas No: ***SRC Chemical:*** 2818
Gm Result: 2 ***SRC Result:***
Gm Result Modifier: < ***SRC Result Modifie:*** Y
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: NMEFOSAA ***SRC Report Limit:*** 2
Gm Reporting Limit: 2 ***SRC Analytic Meth:*** NULL
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: N-Methyl perfluorooctane sulfonamidoacetic acid
Gm Samp Collection Date: 08/07/2018
Gm Screen Top Depth Ft: 225
Gm Screen Bottom Depth Ft: 470
SRC Samp Collection Date: 08/07/2018
SRC Samp Collection Time: 10:00:00
SRC Screen Top Depth Ft:
SRC Screen Bottom Depth Ft:
SRC Lab Note: EUROFINS EATON ANALYTICAL (MONROVIA)

Well Details

Gm Cas No: ***SRC Chemical:*** 2806
Gm Result: 20 ***SRC Result:***
Gm Result Modifier: < ***SRC Result Modifie:*** Y
Gm Result Units: NG/L ***SRC Result Units:*** NG/L
Gm Chemical Vvl: PFOA ***SRC Report Limit:*** 20
Gm Reporting Limit: 20 ***SRC Analytic Meth:*** NULL
Gm Well Depth Ft: ***SRC Well Depth Ft:***
Gm Chemical Name: Perfluorooctanoic acid
Gm Samp Collection Date: 08/07/2018
Gm Screen Top Depth Ft: 225
Gm Screen Bottom Depth Ft: 470
SRC Samp Collection Date: 08/07/2018
SRC Samp Collection Time: 10:00:00
SRC Screen Top Depth Ft:
SRC Screen Bottom Depth Ft:
SRC Lab Note: EUROFINS EATON ANALYTICAL (MONROVIA)

Well Details

Gm Cas No:		**SRC Chemical:**	2804
Gm Result:	2	**SRC Result:**	
Gm Result Modifier:	<	**SRC Result Modifie:**	Y
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFNA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	NULL
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorononanoic acid		
Gm Samp Collection Date:	08/07/2018		
Gm Screen Top Depth Ft:	225		
Gm Screen Bottom Depth Ft:	470		
SRC Samp Collection Date:	08/07/2018		
SRC Samp Collection Time:	10:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	EUROFINS EATON ANALYTICAL (MONROVIA)		

Well Details

Gm Cas No:		**SRC Chemical:**	2810
Gm Result:	2	**SRC Result:**	
Gm Result Modifier:	<	**SRC Result Modifie:**	Y
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFTEDA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	NULL
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorotetradecanoic acid		
Gm Samp Collection Date:	08/07/2018		
Gm Screen Top Depth Ft:	225		
Gm Screen Bottom Depth Ft:	470		
SRC Samp Collection Date:	08/07/2018		
SRC Samp Collection Time:	10:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	EUROFINS EATON ANALYTICAL (MONROVIA)		

Well Details

Gm Cas No:		**SRC Chemical:**	2801
Gm Result:	1.8	**SRC Result:**	
Gm Result Modifier:	<	**SRC Result Modifie:**	Y
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFBSA	**SRC Report Limit:**	1.8
Gm Reporting Limit:	1.8	**SRC Analytic Meth:**	NULL
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorobutanesulfonic acid		
Gm Samp Collection Date:	08/07/2018		
Gm Screen Top Depth Ft:	225		
Gm Screen Bottom Depth Ft:	470		
SRC Samp Collection Date:	08/07/2018		
SRC Samp Collection Time:	10:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	EUROFINS EATON ANALYTICAL (MONROVIA)		

Well Details

Gm Cas No:		**SRC Chemical:**	2817
Gm Result:	2	**SRC Result:**	
Gm Result Modifier:	<	**SRC Result Modifie:**	Y
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	NETFOSAA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	NULL
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid		

Gm Samp Collection Date:	08/07/2018
Gm Screen Top Depth Ft:	225
Gm Screen Bottom Depth Ft:	470
SRC Samp Collection Date:	08/07/2018
SRC Samp Collection Time:	10:00:00
SRC Screen Top Depth Ft:	
SRC Screen Bottom Depth Ft:	
SRC Lab Note:	EUROFINS EATON ANALYTICAL (MONROVIA)

Well Details

Gm Cas No:		**SRC Chemical:**	2809
Gm Result:	2	**SRC Result:**	
Gm Result Modifier:	<	**SRC Result Modifie:**	Y
Gm Result Units:	NG/L	**SRC Result Units:**	NG/L
Gm Chemical Vvl:	PFHA	**SRC Report Limit:**	2
Gm Reporting Limit:	2	**SRC Analytic Meth:**	NULL
Gm Well Depth Ft:		**SRC Well Depth Ft:**	
Gm Chemical Name:	Perfluorohexanoic acid		
Gm Samp Collection Date:	08/07/2018		
Gm Screen Top Depth Ft:	225		
Gm Screen Bottom Depth Ft:	470		
SRC Samp Collection Date:	08/07/2018		
SRC Samp Collection Time:	10:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	EUROFINS EATON ANALYTICAL (MONROVIA)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	2 of 2	E	0.20 / 1,034.88	2,326.61 / 1	WELL 04-60 ALHAMBRA CA	PFAS SAMPLING

Global ID:	W0601910070	**Latitude:**	34.697844
Location ID:	CA1910070_073_073	**Longitude:**	-118.176067
Field Pt Class:	PUBW		
Site Use:	Drinking Water Wells		
Site Type:	DDW Well		

PFAS Chemicals

Sample ID:		**Reporting Limit:**	
Matrix:	Liquid	**Detection Limit:**	
Chemical:	PFTEDA	**QRAA:**	
Qualifier:	<	**Units:**	NG/L
Value :	2	**Date:**	8/7/2018
Lab Notes:		**Regional Board:**	

Sample ID:		**Reporting Limit:**	
Matrix:	Liquid	**Detection Limit:**	
Chemical:	NETFOSAA	**QRAA:**	
Qualifier:	<	**Units:**	NG/L
Value :	2	**Date:**	8/7/2018
Lab Notes:		**Regional Board:**	

Sample ID:		**Reporting Limit:**	
Matrix:	Liquid	**Detection Limit:**	
Chemical:	PFOA	**QRAA:**	
Qualifier:	<	**Units:**	NG/L
Value :	20	**Date:**	8/7/2018
Lab Notes:		**Regional Board:**	

Sample ID:		**Reporting Limit:**	
Matrix:	Liquid	**Detection Limit:**	
Chemical:	NMEFOSAA	**QRAA:**	
Qualifier:	<	**Units:**	NG/L
Value :	2	**Date:**	8/7/2018

Lab Notes:		**Regional Board:**	
Sample ID:		**Reporting Limit:**	
Matrix:	Liquid	**Detection Limit:**	
Chemical:	PFHXSA	**QRAA:**	
Qualifier:	<	**Units:**	NG/L
Value :	1.8	**Date:**	8/7/2018
Lab Notes:		**Regional Board:**	
Sample ID:		**Reporting Limit:**	
Matrix:	Liquid	**Detection Limit:**	
Chemical:	PFNA	**QRAA:**	
Qualifier:	<	**Units:**	NG/L
Value :	2	**Date:**	8/7/2018
Lab Notes:		**Regional Board:**	
Sample ID:		**Reporting Limit:**	
Matrix:	Liquid	**Detection Limit:**	
Chemical:	PFBSA	**QRAA:**	
Qualifier:	<	**Units:**	NG/L
Value :	1.8	**Date:**	8/7/2018
Lab Notes:		**Regional Board:**	
Sample ID:		**Reporting Limit:**	
Matrix:	Liquid	**Detection Limit:**	
Chemical:	PFTRIDA	**QRAA:**	
Qualifier:	<	**Units:**	NG/L
Value :	2	**Date:**	8/7/2018
Lab Notes:		**Regional Board:**	
Sample ID:		**Reporting Limit:**	
Matrix:	Liquid	**Detection Limit:**	
Chemical:	PFHPA	**QRAA:**	
Qualifier:	<	**Units:**	NG/L
Value :	2	**Date:**	8/7/2018
Lab Notes:		**Regional Board:**	
Sample ID:		**Reporting Limit:**	
Matrix:	Liquid	**Detection Limit:**	
Chemical:	PFHA	**QRAA:**	
Qualifier:	<	**Units:**	NG/L
Value :	2	**Date:**	8/7/2018
Lab Notes:		**Regional Board:**	
Sample ID:		**Reporting Limit:**	
Matrix:	Liquid	**Detection Limit:**	
Chemical:	PFDOA	**QRAA:**	
Qualifier:	<	**Units:**	NG/L
Value :	2	**Date:**	8/7/2018
Lab Notes:		**Regional Board:**	
Sample ID:		**Reporting Limit:**	
Matrix:	Liquid	**Detection Limit:**	
Chemical:	PFUNDCA	**QRAA:**	
Qualifier:	<	**Units:**	NG/L
Value :	2	**Date:**	8/7/2018
Lab Notes:		**Regional Board:**	
Sample ID:		**Reporting Limit:**	
Matrix:	Liquid	**Detection Limit:**	
Chemical:	PFOS	**QRAA:**	
Qualifier:	<	**Units:**	NG/L
Value :	40	**Date:**	8/7/2018
Lab Notes:		**Regional Board:**	
Sample ID:		**Reporting Limit:**	
Matrix:	Liquid	**Detection Limit:**	
Chemical:	PFNDCA	**QRAA:**	
Qualifier:	<	**Units:**	NG/L

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Value :	2			Date:	8/7/2018	
Lab Notes:				Regional Board:		
3	1 of 1	E	0.42 / 2,215.59	2,329.56 / 4	JIFFY LUBE #3813 44846 VALLEY CENTRAL WAY LANCASTER CA 93536	C&D DEBRIS RECY

County: LOS ANGELES

Activity Type: USED OIL COLLECTION

Phone No:

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

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: May 25, 2023

National Priority List - Proposed: PROPOSED NPL

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

Government Publication Date: May 25, 2023

Deleted NPL: DELETED NPL

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

Government Publication Date: May 25, 2023

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Mar 23, 2023

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Mar 23, 2023

Inventory of Open Dumps, June 1985: ODI

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

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

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

Government Publication Date: Oct 25, 2013

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

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

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

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

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

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

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

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

Government Publication Date: Apr 24, 2023

RCRA non-CORRACTS TSD Facilities: RCRA TSD

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

Government Publication Date: Apr 24, 2023

RCRA Generator List: RCRA LQG

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

Government Publication Date: Apr 24, 2023

RCRA Small Quantity Generators List: RCRA SQG

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

Government Publication Date: Apr 24, 2023

RCRA Very Small Quantity Generators List: RCRA VSQG

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

Government Publication Date: Apr 24, 2023

RCRA Non-Generators: RCRA NON GEN

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

Government Publication Date: Apr 24, 2023

RCRA Sites with Controls: RCRA CONTROLS

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

Government Publication Date: Apr 24, 2023

Federal Engineering Controls-ECs: FED ENG

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Apr 26, 2023

Federal Institutional Controls- ICs: FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2021 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Apr 26, 2023

Land Use Control Information System: LUCIS

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

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

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

Government Publication Date: May 25, 2023

Emergency Response Notification System: ERNS 1982 TO 1986

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

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

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

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

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

Government Publication Date: Jan 16, 2023

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

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing: FEMA UST

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

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

This listing contains facilities that have submitted Facility Response Plans (FRPs) to the U.S. Environmental Protection Agency (EPA). Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit FRPs. Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments. This listing includes FRP facilities from an applicable EPA FOIA file and Homeland Infrastructure Foundation-Level Data (HIFLD) data file.

Government Publication Date: Aug 8, 2022

Delisted Facility Response Plans: DELISTED FRP

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

Government Publication Date: Aug 8, 2022

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: Aug 30, 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: Jun 29, 2022

LIEN on Property: SEMS LIEN

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

Government Publication Date: Mar 23, 2023

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Mar 23, 2023

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

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

Government Publication Date: Mar 4, 2017

State

State Response Sites: RESPONSE

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

Government Publication Date: Jun 1, 2023

EnviroStor Database: ENVIROSTOR

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

Government Publication Date: Jun 1, 2023

Delisted State Response Sites: DELISTED ENVS

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

Government Publication Date: Jun 1, 2023

Solid Waste Information System (SWIS): SWF/LF

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

Government Publication Date: May 9, 2023

Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels: SWRCB SWF

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

Government Publication Date: Sep 20, 2006

Waste Management Unit Database: WMUD

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

Government Publication Date: Jan 1, 2000

EnviroStor Hazardous Waste Facilities: HWP

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

Government Publication Date: Jun 1, 2023

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

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

Government Publication Date: Dec 31, 1995

Construction and Demolition Debris Recyclers: C&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: Jul 10, 2023

Listing of Certified Processors: PROCESSORS

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

Government Publication Date: Jul 10, 2023

Listing of Certified Dropoff, Collection, and Community Service Programs: CONTAINER RECY

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

Government Publication Date: Jul 17, 2023

Land Disposal Sites: LDS

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

Government Publication Date: Jul 13, 2023

Leaking Underground Fuel Tank Reports: LUST

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

Government Publication Date: Jul 13, 2023

Delisted Leaking Storage Tanks: DELISTED LST

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

Government Publication Date: Jul 13, 2023

Permitted Underground Storage Tank (UST) in GeoTracker: UST

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

Government Publication Date: Jan 17, 2023

Proposed Closure of Underground Storage Tank Cases: UST CLOSURE

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

Government Publication Date: Jun 13, 2023

Historical Hazardous Substance Storage Information Database: HHSS

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

Government Publication Date: Aug 27, 2015

Statewide Environmental Evaluation and Planning System: UST SWEEPS

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

Government Publication Date: Oct 1, 1994

Aboveground Storage Tanks: AST

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

Government Publication Date: Aug 31, 2009

SWRCB Historical Aboveground Storage Tanks: AST SWRCB

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

Government Publication Date: Dec 1, 2007

Oil and Gas Facility Tanks: TANK OIL GAS

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

Government Publication Date: Apr 12, 2023

Delisted Storage Tanks: DELISTED TNK

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

Government Publication Date: May 15, 2023

California Environmental Reporting System (CERS) Tanks: CERS TANK

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

Government Publication Date: Apr 12, 2023

Delisted California Environmental Reporting System (CERS) Tanks: DELISTED CTNK

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

Government Publication Date: Apr 12, 2023

Historical Hazardous Substance Storage Container Information - Facility Summary: HIST TANK

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

Government Publication Date: May 27, 1988

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

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

Government Publication Date: Jun 1, 2023

CALSITES Database: CALSITES

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

Government Publication Date: May 1, 2004

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

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

Government Publication Date: Feb 18, 2021

Deed Restrictions and Land Use Restrictions: DEED

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

Government Publication Date: Jul 13, 2023

Voluntary Cleanup Program: VCP

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

Government Publication Date: Jun 1, 2023

GeoTracker Cleanup Program Sites: CLEANUP SITES

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

Government Publication Date: Jul 13, 2023

Delisted Cleanup Program Sites: DELISTED CLEANUP

A list of Cleanup Program sites which were once included - and have since been removed from - the list of Cleanup Program Sites in GeoTracker. GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.
Government Publication Date: Jul 13, 2023

Delisted County Records: DELISTED COUNTY
Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.
Government Publication Date: Jul 26, 2023

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST
This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 9, which includes California, is made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Apr 19, 2023

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST
This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 9, which includes California, is made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Apr 19, 2023

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST
Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Apr 26, 2023

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST
Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).
Government Publication Date: Apr 26, 2023

County

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: Mar 2, 2023

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: May 15, 2023

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: Jun 21, 2023

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 20, 2023

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: Apr 20, 2022

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: Aug 25, 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: Aug 25, 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: Nov 1, 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: Aug 18, 2022

Toxics Release Inventory (TRI) Program: TRIS

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

Government Publication Date: Oct 19, 2022

PFOA/PFOS Contaminated Sites: PFAS NPL

This list of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been detected in water and/or soil is provided by the U.S. Environmental Protection Agency (EPA). EPA Disclaimer with FOIA file: Inclusion on the list does not necessarily mean that drinking water has been affected, nor does inclusion mean that anyone at the site has been exposed or is at risk for detrimental health effects.

Government Publication Date: Jun 15, 2023

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

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

Government Publication Date: Apr 24, 2023

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

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

Government Publication Date: Oct 9, 2022

National Response Center PFAS Spills: ERNS PFAS

This Per- and Poly-Fluoroalkyl Substances (PFAS) Spills dataset is made available via the U.S. Environmental Protection Agency's (EPA) PFAS Analytic Tools. The National Response Center (NRC), operated by the U.S. Coast Guard, serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Limitations: The data from the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Keyword searches may misidentify some incident reports that do not contain PFAS. This dataset should also not be considered to be exhaustive of all PFAS spills/release incidents.

Government Publication Date: Apr 15, 2023

PFAS NPDES Discharge Monitoring: PFAS NPDES

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

Government Publication Date: Feb 19, 2023

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

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

Government Publication Date: Oct 19, 2022

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

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

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

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

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest : PFAS E-MANIFEST

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

Government Publication Date: Apr 9, 2023

PFAS Industry Sectors: PFAS IND

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

Government Publication Date: Apr 16, 2023

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

Government Publication Date: Feb 8, 2023

Toxic Substances Control Act: TSCA

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

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

Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

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

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

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

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

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

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

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

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

Government Publication Date: Jan 25, 2023

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.

Government Publication Date: Oct 15, 2022

Drycleaner Facilities: FED DRYCLEANERS

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

Government Publication Date: Apr 15, 2023

Delisted Drycleaner Facilities: DELISTED FED DRY

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

Government Publication Date: Apr 15, 2023

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

Government Publication Date: Jul 12, 2022

FUDS Munitions Response Sites: FUDS MRS

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

Government Publication Date: Jul 12, 2022

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: Mar 31, 2021

Material Licensing Tracking System (MLTS): MLTS

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

Government Publication Date: May 11, 2021

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

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

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

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

Government Publication Date: Nov 7, 2022

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: Aug 18, 2022

Mineral Resource Data System: MRDS

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

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

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

Government Publication Date: Dec 1, 2022

Alternative Fueling Stations: ALT FUELS

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

Government Publication Date: Jun 5, 2023

Superfunds Consent Decrees: CONSENT DECREES

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

Government Publication Date: Apr 19, 2023

Air Facility System: AFS

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

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

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

Government Publication Date: Mar 1, 2023

Polychlorinated Biphenyl (PCB) Transformers: PCBT

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

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

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

Government Publication Date: Nov 3, 2022

State

PFAS Sampling Locations: PFAS SAMPLING

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

Government Publication Date: Mar 14, 2023

Dry Cleaning Facilities: DRYCLEANERS

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

Government Publication Date: Dec 20, 2021

Delisted Drycleaners: DELISTED DRYCLEANERS

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

Government Publication Date: Jan 31, 2022

Non-Toxic Dry Cleaning Incentive Program: DRYC GRANT

A list of grant recipients of the Non-Toxic Dry Cleaning Incentive Program made available by the California Air Resources Board (CARB). The program provides grants to eligible dry cleaning businesses to assist them in transitioning away from PERC machines to alternative non-toxic and non-smog forming technologies.

Government Publication Date: Jan 31, 2022

PFAS GeoTracker Cleanup Sites: PFAS GT CLEANUPS

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

Government Publication Date: Jul 13, 2023

PFOA/PFOS Groundwater: PFAS GW

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

Government Publication Date: Apr 30, 2023

PFAS Investigations: PFAS INVEST

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

Government Publication Date: Nov 28, 2022

Hazardous Waste and Substances Site List - Site Cleanup: HWSS CLEANUP

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

Government Publication Date: Mar 15, 2023

Toxic Pit Cleanup Act Sites: TOXIC PITS

The Toxic Pits Cleanup Act (TPCA) list identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. This list was maintained by the State Water Resources Control Board (SWRCB), is 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 by the California Department of Toxic Substance Control's (DTSC) EnviroStor data management system.

Government Publication Date: Mar 16, 2023

School Property Evaluation Program Sites: SCH

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

Government Publication Date: Jun 1, 2023

California Hazardous Material Incident Report System (CHMIRS): CHMIRS

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

Government Publication Date: Apr 20, 2023

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

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

Government Publication Date: Jan 1, 1993

Handlers from Hazardous Waste Manifest Data: HAZNET

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

Government Publication Date: Oct 24, 2016

Generators from Hazardous Waste Manifest Data: HAZ GEN

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

Government Publication Date: Dec 31, 2017

TSDF from Hazardous Waste Manifest Data: HAZ TSD

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

Government Publication Date: Dec 31, 2017

Historical Hazardous Waste Manifest Data: HIST MANIFEST

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

Government Publication Date: Dec 31, 1992

DTSC Registered Hazardous Waste Transporters: HW TRANSPORT

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

Government Publication Date: Jun 27, 2023

Registered Waste Tire Haulers: WASTE TIRE

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

Government Publication Date: Jun 2, 2023

California Medical Waste Management Program Facility List: MEDICAL WASTE

This list of Medical Waste Management Program Facilities is maintained by the California Department of Public Health. The Medical Waste Management Program (MWMP) regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations. This list contains transporters, treatment, and transfer facilities.

Government Publication Date: Jul 13, 2023

Historical Cortese List: HIST CORTESE

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

Government Publication Date: Nov 13, 2008

Cease and Desist Orders and Cleanup and Abatement Orders: CDO/CAO

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

Government Publication Date: Dec 6, 2021

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

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

Government Publication Date: Apr 12, 2023

Delisted Environmental Reporting System (CERS) Hazardous Waste Sites: DELISTED HAZ

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

Government Publication Date: Nov 29, 2018

Sites in GeoTracker: GEOTRACKER

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

Government Publication Date: Jul 13, 2023

Mines Listing: MINE

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

Government Publication Date: Jun 16, 2023

Recorded Environmental Cleanup Liens: LIEN

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

Government Publication Date: Jun 7, 2023

Waste Discharge Requirements: WASTE DISCHG

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

Government Publication Date: Jul 13, 2023

Toxic Pollutant Emissions Facilities: EMISSIONS

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

Government Publication Date: Dec 31, 2020

Clandestine Drug Lab Sites: CDL

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

Government Publication Date: Jan 19, 2021

Tribal

No Tribal additional environmental record sources available for this State.

County

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 20, 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

PSR
PHYSICAL SETTING REPORT

Property Information

Order Number:		23080100376p
Date Completed:		August 1, 2023
Project Number:		23-417216.1
Project Property:		Desert Meadows Apartments and Townhomes Lot 1 of Tract 51824 (NEC of 30th St. West & W. Lancaster Blvd) Lancaster CA 93536
Coordinates:		
	Latitude:	33.1580933
	Longitude:	-117.3505939
	UTM Northing:	3840170.24087 Meters
	UTM Easting:	391777.087842 Meters
	UTM Zone:	UTM Zone 11S
	Elevation:	2,325.62 ft
	Slope Direction:	N

Topographic Information....2
Hydrologic Information....4
Geologic Information....7
Soil Information....9
Wells and Additional Sources....14
  Summary....15
  Detail Report....18
Radon Information....59
Appendix....60
Liability Notice....62

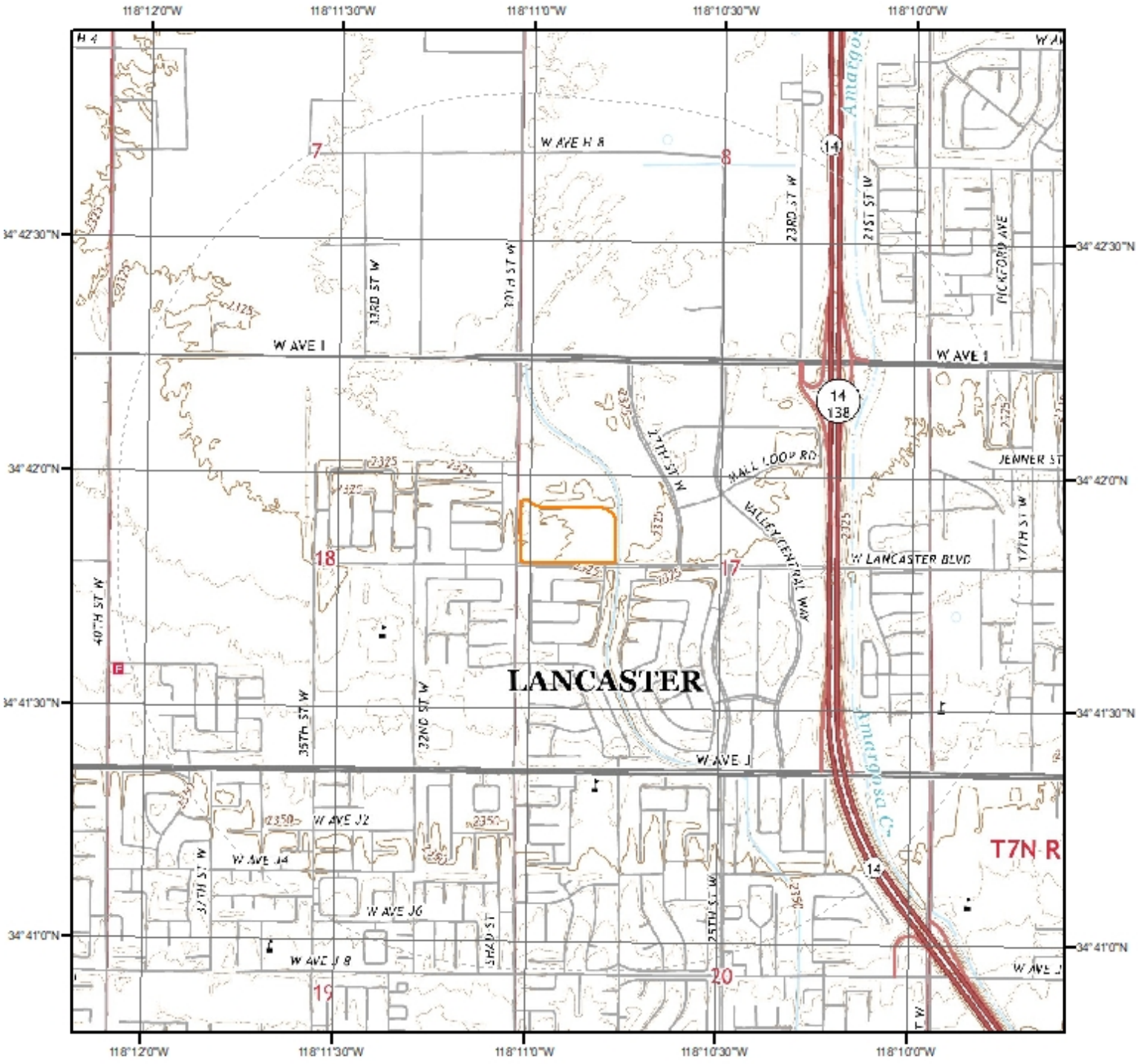
The ERIS ***Physical Setting Report - PSR*** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas 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 (2022)

Miles
0 0.2 0.4 0.8

N

Quadrangle(s): Lancaster West, CA

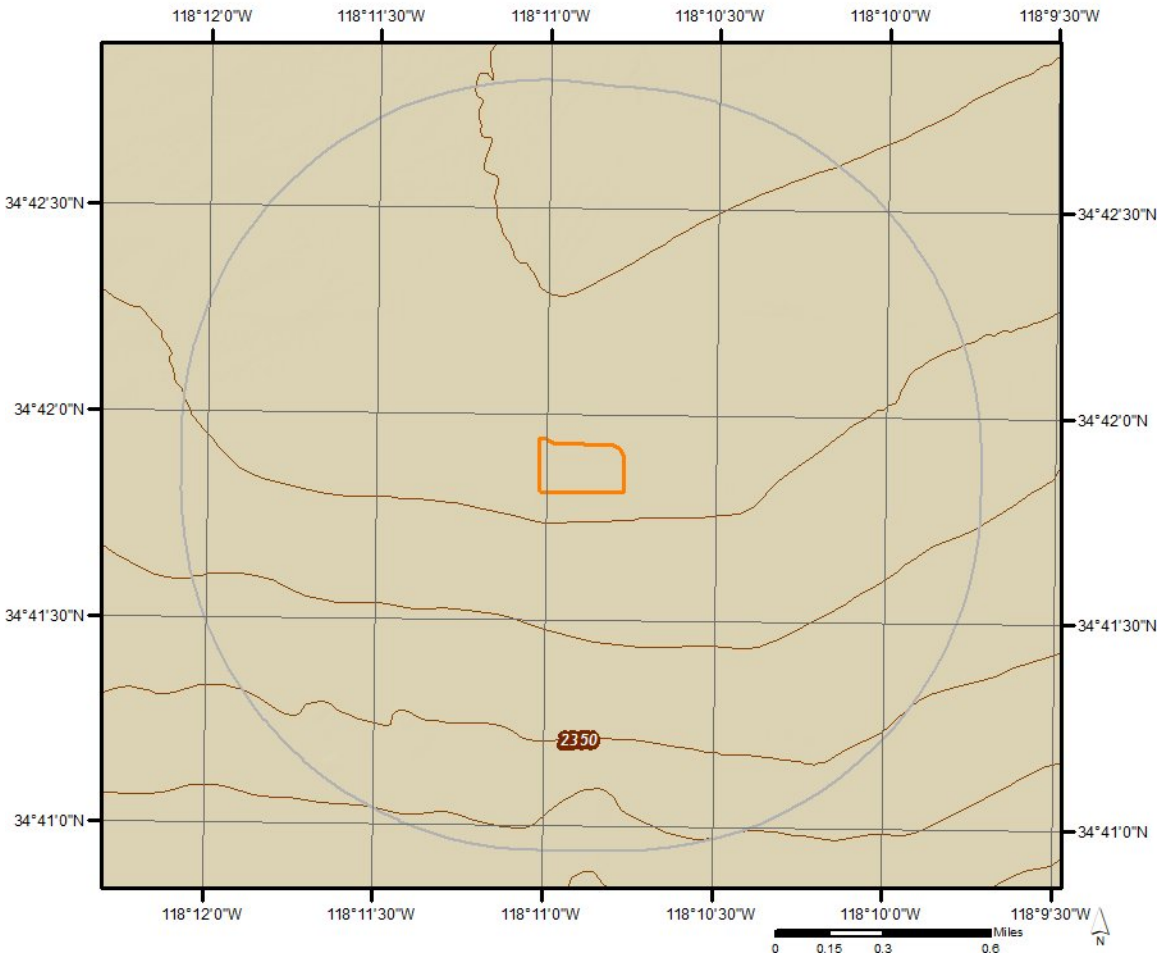
Source: USGS 7.5 Minute Topographic Map

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:	2,325.62 ft
Slope Direction:	N



Hydrologic Information



Wetland

0 0.075 0.15 0.3 Miles

N

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

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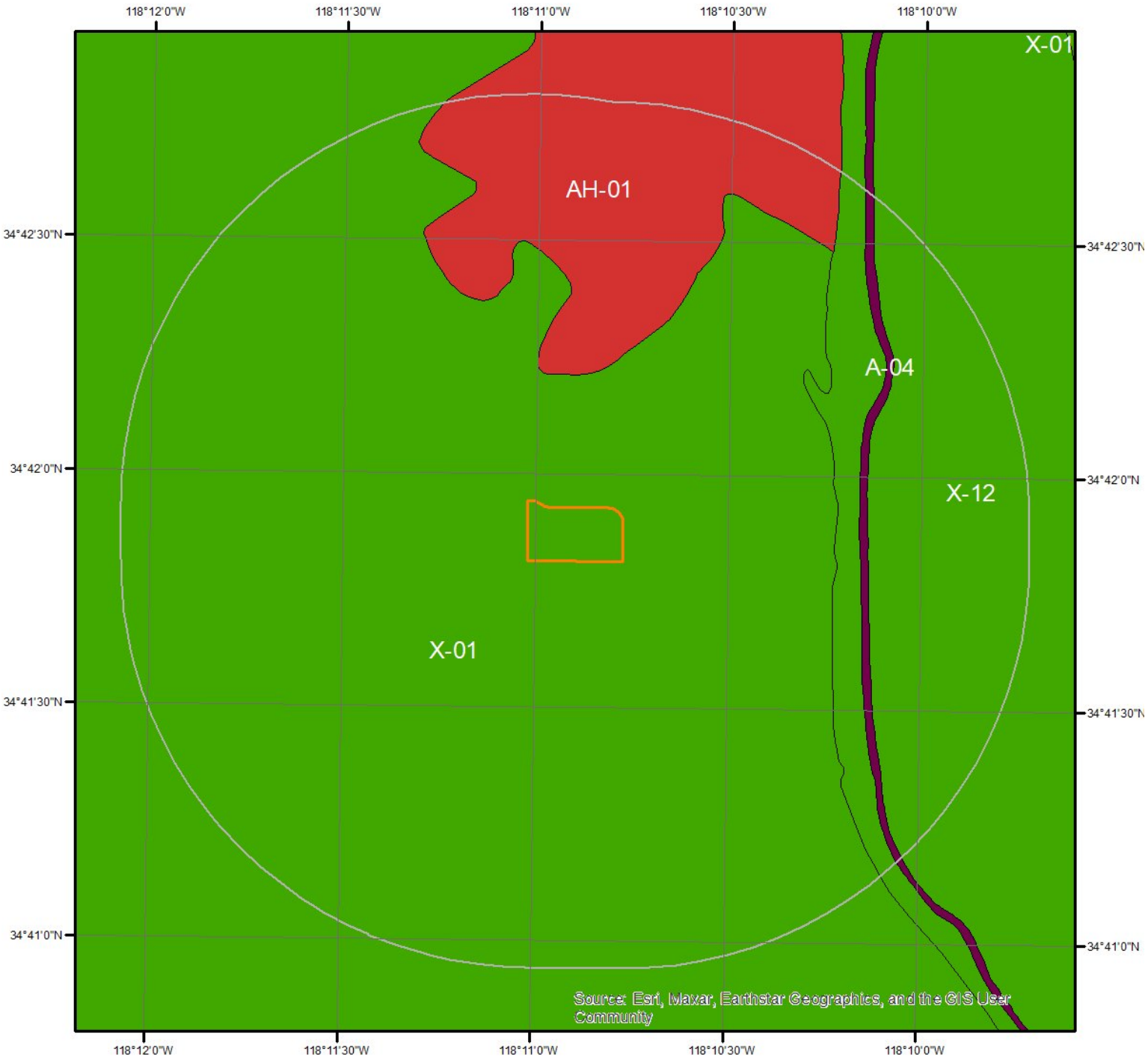
Hydrologic Information

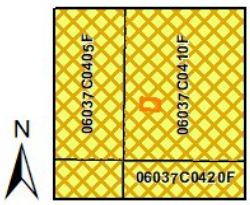


Flood Hazard Zones

Miles
0 0.2 0.4

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

ERIS

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:	06037C0420F(effective:2008-09-26) 06037C0405F(effective:2008-09-26) 06037C0415F(effective:2008-09-26) 06037C0410F(effective:2008-09-26)

Flood Zone A-04

Zone:	A
Zone subtype:	1 PCT ANNUAL CHANCE FLOOD HAZARD CONTAINED IN CHANNEL

Flood Zone AH-01

Zone:	AH
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



Miles
0 0.25 0.5

N

Geologic Units

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

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Miles
0 0.325 0.65

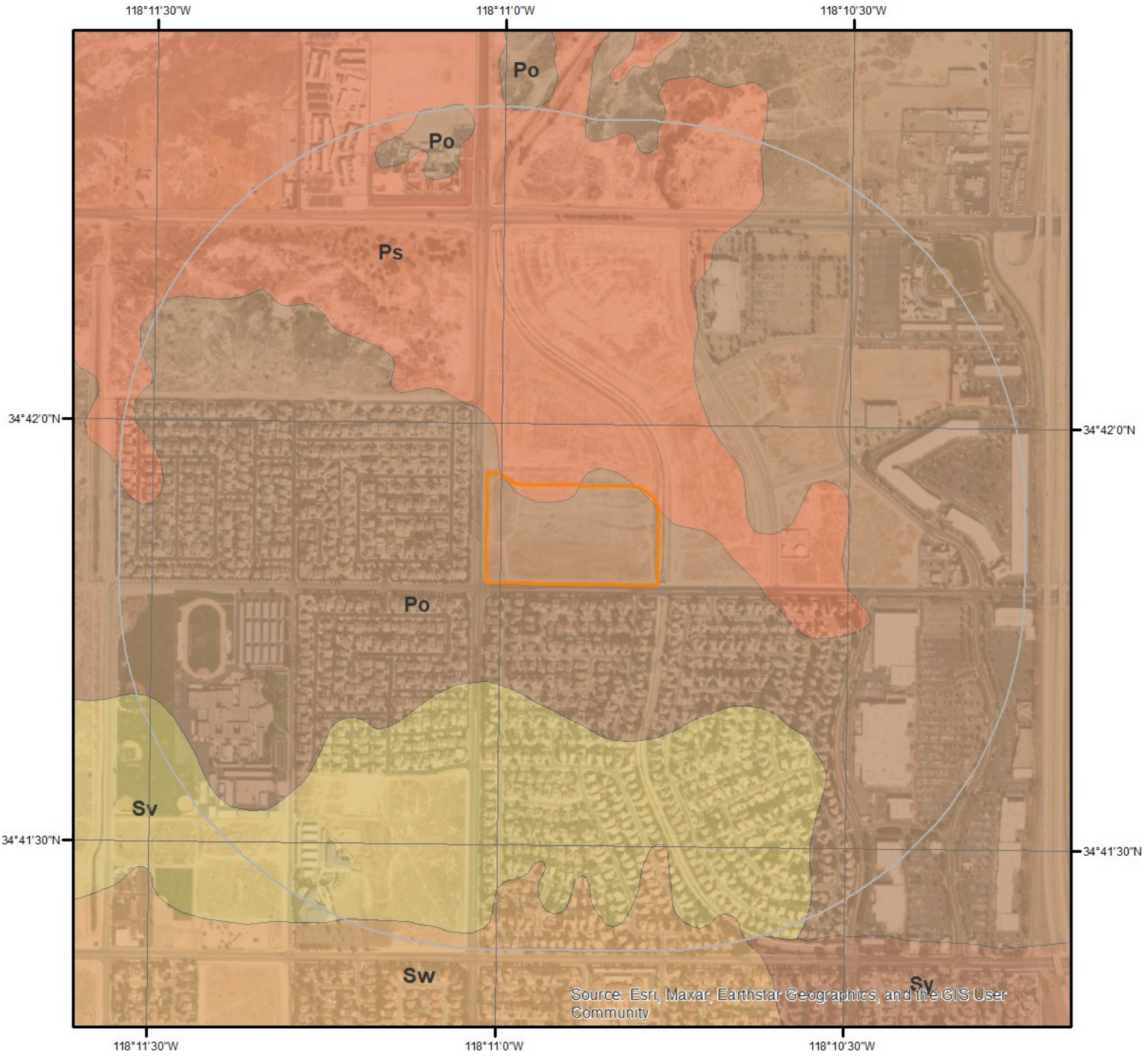
Geologic Information

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

0 0.2 0.4 Miles

N

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

ERIS

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 (65.04%)

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 Ps (19.31%)

Map Unit Name:	Pond silty clay 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)	Silty clay loam
horizon H2(10cm to 61cm)	Clay loam
horizon H3(61cm to 183cm)	Silt loam

Soil Information

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Ps - Pond silty clay 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 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: Unnamed (13%)
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.

Component: Oban (1%)
Generated brief soil descriptions are created for major soil components. The Oban soil is a minor component.

Map Unit Sv (3.67%)

Map Unit Name:	Sunrise sandy 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

Sunrise(85%)

horizon H1(0cm to 48cm)	Sandy loam
horizon H2(48cm to 79cm)	Loam
horizon H3(79cm to 122cm)	Cemented
horizon H4(122cm to 165cm)	Stratified gravelly sandy loam to loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Sv - Sunrise sandy loam

Component: Sunrise (85%)
The Sunrise 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, petrocalcic, is 20 to 40 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 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 0 percent. This component is in the R030XG020CA Alkali Flats 4-9" ecological site. Nonirrigated land capability classification is 7e. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 13 percent. The soil has a very slightly saline horizon within 30 inches of the soil surface.

Component: Merrill (5%)
Generated brief soil descriptions are created for major soil components. The Merrill soil is a minor component.

Component: Tray (5%)
Generated brief soil descriptions are created for major soil components. The Tray soil is a minor component.

Soil Information

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 Sw (10.71%)

Map Unit Name:	Sunrise sandy loam, shallow
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

Sunrise(85%)

horizon H1(0cm to 13cm)	Sandy loam
horizon H2(13cm to 51cm)	Loam
horizon H3(51cm to 76cm)	Cemented
horizon H4(76cm to 152cm)	Stratified gravelly sandy loam to loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Sw - Sunrise sandy loam, shallow

Component: Sunrise (85%)
The Sunrise 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, petrocalcic, is 20 to 40 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 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 0 percent. This component is in the R030XG020CA Alkali Flats 4-9" ecological site. Nonirrigated land capability classification is 7e. Irrigated land capability classification is 4e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 13 percent. The soil has a very slightly saline horizon within 30 inches of the soil surface.

Component: Merrill (5%)
Generated brief soil descriptions are created for major soil components. The Merrill soil is a minor component.

Component: Tray (5%)
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 Sy (1.27%)

Map Unit Name:	Sunrise loam, saline-alkali
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

Soil Information

Sunrise(85%)

horizon H1(0cm to 48cm)	Loam
horizon H2(48cm to 79cm)	Loam
horizon H3(79cm to 122cm)	Cemented
horizon H4(122cm to 165cm)	Stratified gravelly sandy loam to loam

Component Description:

Minor map unit components are excluded from this report.

Map Unit: Sy - Sunrise loam, saline-alkali

Component: Sunrise (85%)
The Sunrise 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, petrocalcic, is 20 to 40 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 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 0 percent. This component is in the R030XG020CA Alkali Flats 4-9" ecological site. Nonirrigated land capability classification is 7s. Irrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 13 percent. The soil has a moderately saline horizon within 30 inches of the soil surface.

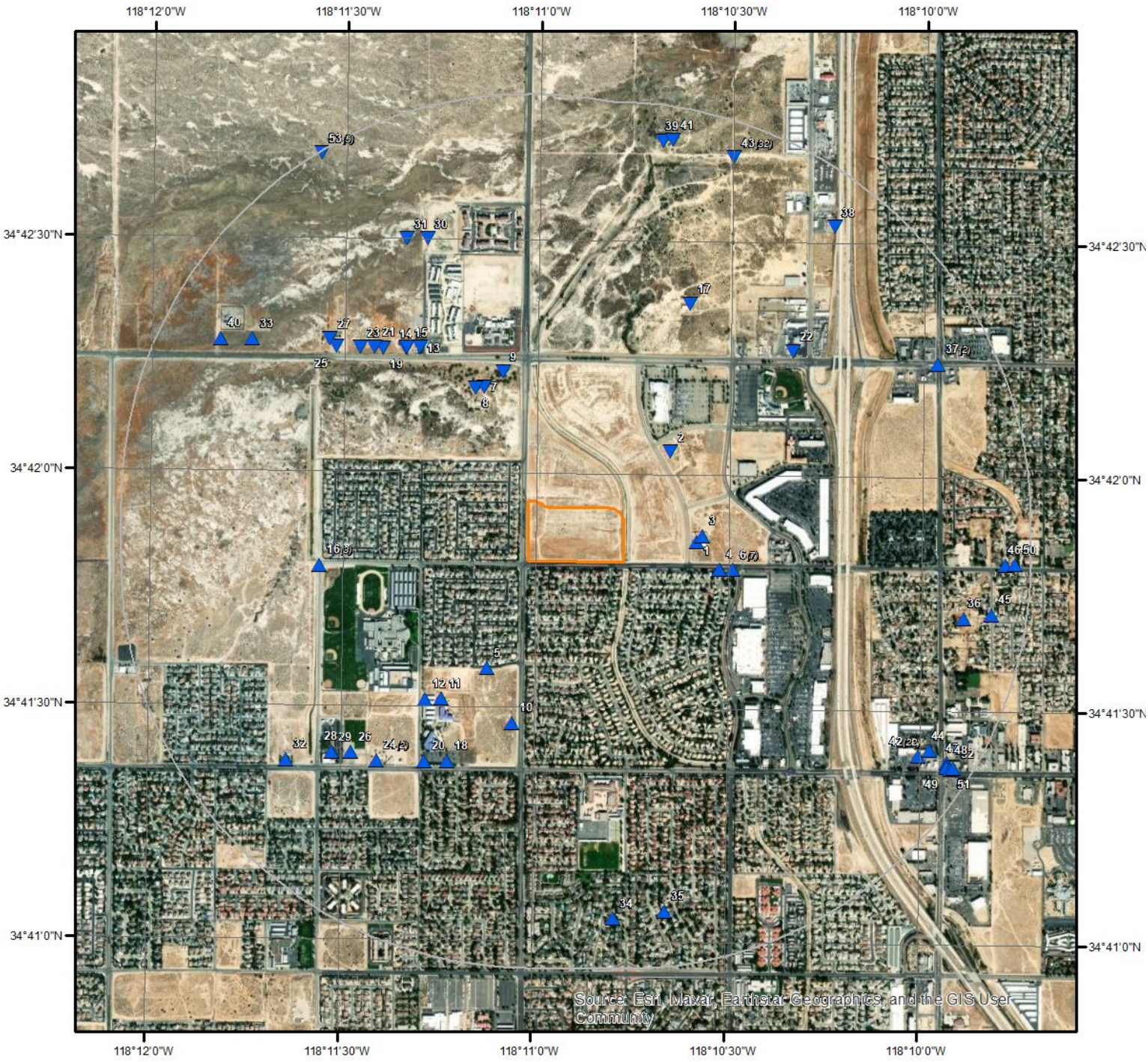
Component: Tray (5%)
Generated brief soil descriptions are created for major soil components. The Tray soil is a minor component.

Component: Merrill (5%)
Generated brief soil descriptions are created for major soil components. The Merrill 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.

Wells and Additional Sources



Wells & Additional Sources

N

0 0.15 0.3 0.6 Miles

- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- OGW Sites with Higher Elevation
- OGW Sites with Same Elevation
- OGW Sites with Lower Elevation
- OGW Sites with Unknown Elevation

ERIS

Wells and Additional Sources Summary

Federal Sources

Public Water Systems Violations and Enforcement Data

Map Key	PWS ID	Distance (ft)	Direction
45	CA1900808	4819.64	E

Safe Drinking Water Information System (SDWIS)

Map Key	ID	Distance (ft)	Direction
	No records found		

USGS National Water Information System

Map Key	Site Number	Distance (ft)	Direction
1	USGS-344151118103501	943.96	E
2	USGS-344203118103901	1023.67	NE
3	USGS-344152118103401	1022.47	E
4	USGS-344148118102801	1252.12	ESE
5	USGS-344135118110401	1488.85	SSW
7	USGS-344211118110501	1577.90	NNW
9	USGS-344213118110201	1698.64	NNW
10	USGS-344128118110001	2107.17	SSW
11	USGS-344131118111101	2112.75	SW
13	USGS-344216118111501	2431.80	NW
15	USGS-344216118111701	2533.63	NW
17	USGS-344222118103301	2839.19	NNE
18	USGS-344123118111001	2800.82	SSW
21	USGS-344216118112201	2815.54	NW
22	USGS-344216118101701	3069.17	NE
24	USGS-344123118112102	3251.66	SW
24	USGS-344123118112101	3251.66	SW
25	USGS-344216118112801	3193.23	NW
26	USGS-344124118112501	3385.89	SW
27	USGS-344217118112901	3321.36	NW
29	USGS-344124118112801	3558.89	SW
30	USGS-344230118111401	3639.85	NNW
32	USGS-344123118113501	4058.82	SW
33	USGS-344217118114101	4152.44	WNW
34	USGS-344103118104401	4625.08	S
35	USGS-344104118103601	4561.36	SSE
36	USGS-344142118095001	4474.57	ESE
41	USGS-344243118103601	4841.29	NNE
44	USGS-344125118095501	4669.69	ESE
50	USGS-344149118094201	5089.88	E

Wells from NWIS

Map Key	ID	Distance (ft)	Direction
	No records found		

State Sources

Wells and Additional Sources Summary

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
8	347030N1181865W001	1610.10	NW
12	346919N1181882W001	2239.53	SW
14	347044N1181893W001	2532.53	NW
19	347044N1181899W001	2733.31	NW
20	346897N1181879W001	2924.38	SSW
23	347044N1181913W001	2951.08	NW
28	346900N1181921W001	3551.07	SW
31	347083N1181890W001	3738.76	NNW
39	347119N1181785W001	4812.38	NNE
40	347047N1181965W001	4513.08	WNW
46	346969N1181635W001	4961.67	E

Well Completion Reports

Map Key	WCR No	Distance (ft)	Direction
6	WCR1992-015672	1420.81	ESE
6	WCR1988-015178	1420.81	ESE
6	WCR2004-015121	1420.81	ESE
6	WCR1999-009880	1420.81	ESE
6	WCR1988-015177	1420.81	ESE
6	WCR1998-009590	1420.81	ESE
6	WCR0195604	1420.81	ESE
16	WCR2003-011723	2701.26	W
16	WCR2001-011835	2701.26	W
16	WCR2001-013300	2701.26	W
37	WCR2019-007370	4553.87	ENE
37	WCR2019-007369	4553.87	ENE
38	WCR2020-002419	4635.41	NE
42	WCR2015-002846	4581.23	ESE
42	WCR2015-002842	4581.23	ESE
42	WCR2015-003480	4581.23	ESE
42	WCR2015-003464	4581.23	ESE
42	WCR2015-003470	4581.23	ESE
42	WCR2015-003475	4581.23	ESE
42	WCR2015-003479	4581.23	ESE
42	WCR2015-003484	4581.23	ESE
42	WCR2015-003481	4581.23	ESE
42	WCR2015-003473	4581.23	ESE
42	WCR2015-003463	4581.23	ESE
42	WCR2015-002845	4581.23	ESE
42	WCR2015-003461	4581.23	ESE
42	WCR2015-003471	4581.23	ESE
42	WCR2015-003476	4581.23	ESE
42	WCR2015-003466	4581.23	ESE
42	WCR2015-003469	4581.23	ESE
42	WCR2015-002844	4581.23	ESE
42	WCR2015-002843	4581.23	ESE
42	WCR2015-003474	4581.23	ESE
42	WCR2015-003483	4581.23	ESE
42	WCR2015-002847	4581.23	ESE
43	WCR0299906	4818.02	NNE
43	WCR2012-010775	4818.02	NNE

43	WCR2012-009746	4818.02	NNE
43	WCR0306824	4818.02	NNE
43	WCR2012-010716	4818.02	NNE
43	WCR2012-009749	4818.02	NNE
43	WCR0215709	4818.02	NNE
43	WCR0132646	4818.02	NNE
43	WCR2012-009751	4818.02	NNE
43	WCR2012-009750	4818.02	NNE
43	WCR0175181	4818.02	NNE
43	WCR0007986	4818.02	NNE
43	WCR2012-010715	4818.02	NNE
43	WCR2012-009747	4818.02	NNE
43	WCR0215465	4818.02	NNE
43	WCR2012-010717	4818.02	NNE
43	WCR2012-009752	4818.02	NNE
43	WCR2012-009745	4818.02	NNE
43	WCR2012-010714	4818.02	NNE
43	WCR2012-010776	4818.02	NNE
43	WCR0306483	4818.02	NNE
43	WCR0186587	4818.02	NNE
43	WCR0268646	4818.02	NNE
43	WCR0170218	4818.02	NNE
43	WCR2002-011531	4818.02	NNE
43	WCR0291038	4818.02	NNE
43	WCR0226339	4818.02	NNE
43	WCR2012-009748	4818.02	NNE
43	WCR0031806	4818.02	NNE
43	WCR0016816	4818.02	NNE
43	WCR1968-001642	4818.02	NNE
43	WCR0103453	4818.02	NNE
47	WCR2020-004471	4938.72	ESE
48	WCR2020-004472	4955.37	ESE
49	WCR2020-004473	4974.66	ESE
51	WCR2020-004474	5021.80	ESE
52	WCR2020-004470	5053.60	ESE
53	WCR1776-004364	5245.45	NNW
53	WCR1954-002304	5245.45	NNW
53	WCR0327458	5245.45	NNW
53	WCR1981-008238	5245.45	NNW
53	WCR1993-011345	5245.45	NNW

Public Water Systems Violations and Enforcement Data

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
45	E	0.91	4,819.64	2,339.72	PWSV

Address Line 2:
State Code: CA
Zip Code: 93534
City Name: LANCASTER
Address Line 1: 44717 18TH STREET WEST
PWS ID: CA1900808
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: 80
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	E	0.18	943.96	2,326.60	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344151118103501
Station Name: 007N012W17F001S
Site Type: Well
Latitude: 34.69760556000000
Longitude: -118.1763694000000
Date Drilled: 19880305
Well Depth: 1110
Well Depth Unit: ft
Well Hole Depth: 1135
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
2	NE	0.19	1,023.67	2,322.67	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344203118103901
Station Name: 007N012W17C001S
Site Type: Well
Latitude: 34.70080000000000
Longitude: -118.1775417000000
Date Drilled: 19880413
Well Depth: 1150
Well Depth Unit: ft
Well Hole Depth: 1160
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
3	E	0.19	1,022.47	2,326.53	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344152118103401
Station Name: 007N012W17F002S
Site Type: Well
Latitude: 34.69783889000000
Longitude: -118.1761083000000
Date Drilled: 19990807
Well Depth: 500
Well Depth Unit: ft
Well Hole Depth: 540
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
4	ESE	0.24	1,252.12	2,328.52	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344148118102801
Station Name: 007N012W17Z001S
Site Type: Well
Latitude: 34.69665150000000
Longitude: -118.1753515000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:

Wells and Additional Sources Detail Report

Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
5	SSW	0.28	1,488.85	2,337.10	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344135118110401
Station Name: 007N012W18Z002S
Site Type: Well
Latitude: 34.69304050000000
Longitude: -118.1853518000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
7	NNW	0.30	1,577.90	2,322.67	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344211118110501
Station Name: 007N012W18A002S
Site Type: Well
Latitude: 34.70304010000000
Longitude: -118.1856296000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth: 42.0
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
9	NNW	0.32	1,698.64	2,322.67	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344213118110201
Station Name: 007N012W18A001S
Site Type: Well
Latitude: 34.70359560000000
Longitude: -118.1847962000000
Date Drilled:
Well Depth:

Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
10	SSW	0.40	2,107.17	2,340.83	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344128118110001
Station Name: 007N012W18Z001S
Site Type: Well
Latitude: 34.69109614000000
Longitude: -118.1842407000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth: 270
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
11	SW	0.40	2,112.75	2,340.06	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344131118111101
Station Name: 007N012W18R002S
Site Type: Well
Latitude: 34.69192940000000
Longitude: -118.1872963000000
Date Drilled: 19510101
Well Depth: 149
Well Depth Unit: ft
Well Hole Depth: 149
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
13	NW	0.46	2,431.80	2,322.67	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344216118111501
Station Name: 007N012W07Q005S
Site Type: Well
Latitude: 34.70442890000000

Longitude: -118.1884074000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
15	NW	0.48	2,533.63	2,322.67	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344216118111701
Station Name: 007N012W07Q004S
Site Type: Well
Latitude: 34.70442890000000
Longitude: -118.1889630000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
17	NNE	0.54	2,839.19	2,321.03	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344222118103301
Station Name: 007N012W08P001S
Site Type: Well
Latitude: 34.70609557000000
Longitude: -118.1767404000000
Date Drilled: 19570101
Well Depth:
Well Depth Unit:
Well Hole Depth: 150
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
18	SSW	0.53	2,800.82	2,344.65	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344123118111001

Wells and Additional Sources Detail Report

Station Name: 007N012W18R001S
Site Type: Well
Latitude: 34.68970730000000
Longitude: -118.1870186000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth: 100
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
21	NW	0.53	2,815.54	2,322.67	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344216118112201
Station Name: 007N012W07Q003S
Site Type: Well
Latitude: 34.70442890000000
Longitude: -118.1903519000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
22	NE	0.58	3,069.17	2,323.41	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344216118101701
Station Name: 007N012W08Q001S
Site Type: Well
Latitude: 34.70442899000000
Longitude: -118.1722959000000
Date Drilled: 19580101
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	SW	0.62	3,251.66	2,344.98	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344123118112102
Station Name: 007N012W18Q003S
Site Type: Well
Latitude: 34.68970728000000
Longitude: -118.1900742000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
24	SW	0.62	3,251.66	2,344.98	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344123118112101
Station Name: 007N012W18Q002S
Site Type: Well
Latitude: 34.68970728000000
Longitude: -118.1900742000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
25	NW	0.60	3,193.23	2,323.65	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344216118112801
Station Name: 007N012W07Q002S
Site Type: Well
Latitude: 34.70442890000000
Longitude: -118.1920186000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
26	SW	0.64	3,385.89	2,344.63	FED USGS

Reporting Agency:	USGS California Water Science Center
Site Number:	USGS-344124118112501
Station Name:	007N012W18Q001S
Site Type:	Well
Latitude:	34.68998504000000
Longitude:	-118.1911853000000
Date Drilled:	19510101
Well Depth:	
Well Depth Unit:	
Well Hole Depth:	100
W Hole Depth Unit:	ft
Formation Type:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
27	NW	0.63	3,321.36	2,323.65	FED USGS

Reporting Agency:	USGS California Water Science Center
Site Number:	USGS-344217118112901
Station Name:	007N012W07Q001S
Site Type:	Well
Latitude:	34.70470666000000
Longitude:	-118.1922964000000
Date Drilled:	
Well Depth:	
Well Depth Unit:	
Well Hole Depth:	
W Hole Depth Unit:	
Formation Type:	

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
29	SW	0.67	3,558.89	2,344.65	FED USGS

Reporting Agency:	USGS California Water Science Center
Site Number:	USGS-344124118112801
Station Name:	007N012W18Q004S
Site Type:	Well
Latitude:	34.68998504000000
Longitude:	-118.1920187000000
Date Drilled:	
Well Depth:	
Well Depth Unit:	
Well Hole Depth:	110

W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
30	NNW	0.69	3,639.85	2,321.03	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344230118111401
Station Name: 007N012W07K001S
Site Type: Well
Latitude: 34.70831765000000
Longitude: -118.1881296000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth: 85.0
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
32	SW	0.77	4,058.82	2,345.53	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344123118113501
Station Name: 007N012W18P001S
Site Type: Well
Latitude: 34.68970727000000
Longitude: -118.1939632000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
33	WNW	0.79	4,152.44	2,326.95	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344217118114101
Station Name: 007N012W07P001S
Site Type: Well
Latitude: 34.70470665000000
Longitude: -118.1956298000000
Date Drilled: 198103

Well Depth: 200
Well Depth Unit: ft
Well Hole Depth: 200
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
34	S	0.88	4,625.08	2,360.66	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344103118104401
Station Name: 007N012W20Z009S
Site Type: Well
Latitude: 34.68415200000000
Longitude: -118.1797962000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth: 335
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
35	SSE	0.86	4,561.36	2,356.13	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344104118103601
Station Name: 007N012W20Z008S
Site Type: Well
Latitude: 34.68442978000000
Longitude: -118.1775739000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
36	ESE	0.85	4,474.57	2,339.47	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344142118095001
Station Name: 007N012W16M003S
Site Type: Well

Latitude: 34.69498496000000
Longitude: -118.1647957000000
Date Drilled: 19480101
Well Depth:
Well Depth Unit:
Well Hole Depth:
W Hole Depth Unit:
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
41	NNE	0.92	4,841.29	2,317.11	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344243118103601
Station Name: 007N012W08F001S
Site Type: Well
Latitude: 34.71192866000000
Longitude: -118.1775738000000
Date Drilled: 19560101
Well Depth: 233
Well Depth Unit: ft
Well Hole Depth: 233
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
44	ESE	0.88	4,669.69	2,346.29	FED USGS

Reporting Agency: USGS California Water Science Center
Site Number: USGS-344125118095501
Station Name: 007N012W17R001S
Site Type: Well
Latitude: 34.69026290000000
Longitude: -118.1661846000000
Date Drilled:
Well Depth:
Well Depth Unit:
Well Hole Depth: 200
W Hole Depth Unit: ft
Formation Type:

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
50	E	0.96	5,089.88	2,338.10	FED USGS

Reporting Agency: USGS California Water Science Center

Wells and Additional Sources Detail Report

Site Number:	USGS-344149118094201
Station Name:	007N012W16E001S
Site Type:	Well
Latitude:	34.69692934000000
Longitude:	-118.1625734000000
Date Drilled:	19520101
Well Depth:	
Well Depth Unit:	
Well Hole Depth:	200
W Hole Depth Unit:	ft
Formation Type:	

Periodic Groundwater Level Measurement Locations

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
8	NW	0.30	1,610.10	2,322.67	MONITOR WELLS

Station ID:	39308	Basin Region Code:	6
Site Code:	347030N1181865W001	Basin Region Desc:	San Joaquin River
State Well No:	07N12W18A002S	Basin Region Actv:	Y
WCR No:		Basin Region Order:	6
Well Depth:		WLM Method:	
Well Use:	Unknown	WLM Accuracy:	
Monitoring Program:	VOLUNTARY	GSE Accuracy:	Unknown
RPE:	2321.78	GSE Method:	Unknown
Basin ID:		County Name:	Los Angeles
Basin Code:	6-044	Latitude:	34.703
Basin Name:	Antelope Valley	Longitude:	-118.186
Well Name:			
Well Type:	Unknown		
Ground Surface Elevation:	2321.78		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
12	SW	0.42	2,239.53	2,340.27	MONITOR WELLS

Station ID:	6066	Basin Region Code:	6
Site Code:	346919N1181882W001	Basin Region Desc:	San Joaquin River
State Well No:	07N12W18R002S	Basin Region Actv:	Y
WCR No:		Basin Region Order:	6
Well Depth:		WLM Method:	
Well Use:	Unknown	WLM Accuracy:	
Monitoring Program:	VOLUNTARY	GSE Accuracy:	Unknown
RPE:	2339.78	GSE Method:	Unknown
Basin ID:		County Name:	Los Angeles
Basin Code:	6-044	Latitude:	34.6919
Basin Name:	Antelope Valley	Longitude:	-118.188
Well Name:			

Well Type: Unknown
Ground Surface Elevation: 2339.78

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
14	NW	0.48	2,532.53	2,322.67	MONITOR WELLS

Station ID:	5356	Basin Region Code:	6
Site Code:	347044N1181893W001	Basin Region Desc:	San Joaquin River
State Well No:	07N12W07Q005S	Basin Region Actv:	Y
WCR No:		Basin Region Order:	6
Well Depth:		WLM Method:	
Well Use:	Unknown	WLM Accuracy:	
Monitoring Program:	VOLUNTARY	GSE Accuracy:	Unknown
RPE:	2321.78	GSE Method:	Unknown
Basin ID:		County Name:	Los Angeles
Basin Code:	6-044	Latitude:	34.7044
Basin Name:	Antelope Valley	Longitude:	-118.189
Well Name:			
Well Type:	Unknown		
Ground Surface Elevation:	2321.78		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
19	NW	0.52	2,733.31	2,322.67	MONITOR WELLS

Station ID:	29046	Basin Region Code:	6
Site Code:	347044N1181899W001	Basin Region Desc:	San Joaquin River
State Well No:	07N12W07Q004S	Basin Region Actv:	Y
WCR No:		Basin Region Order:	6
Well Depth:		WLM Method:	
Well Use:	Unknown	WLM Accuracy:	
Monitoring Program:	VOLUNTARY	GSE Accuracy:	Unknown
RPE:	2321.78	GSE Method:	Unknown
Basin ID:		County Name:	Los Angeles
Basin Code:	6-044	Latitude:	34.7044
Basin Name:	Antelope Valley	Longitude:	-118.19
Well Name:			
Well Type:	Unknown		
Ground Surface Elevation:	2321.78		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
20	SSW	0.55	2,924.38	2,344.75	MONITOR WELLS

Station ID:	28179	Basin Region Code:	6
Site Code:	346897N1181879W001	Basin Region Desc:	San Joaquin River
State Well No:	07N12W18R001S	Basin Region Actv:	Y

WCR No:		Basin Region Order:	6
Well Depth:		WLM Method:	
Well Use:	Unknown	WLM Accuracy:	
Monitoring Program:	VOLUNTARY	GSE Accuracy:	Unknown
RPE:	2344.79	GSE Method:	Unknown
Basin ID:		County Name:	Los Angeles
Basin Code:	6-044	Latitude:	34.6897
Basin Name:	Antelope Valley	Longitude:	-118.188
Well Name:			
Well Type:	Unknown		
Ground Surface Elevation:	2344.79		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
23	NW	0.56	2,951.08	2,323.02	MONITOR WELLS

Station ID:	5355	Basin Region Code:	6
Site Code:	347044N1181913W001	Basin Region Desc:	San Joaquin River
State Well No:	07N12W07Q003S	Basin Region Actv:	Y
WCR No:		Basin Region Order:	6
Well Depth:		WLM Method:	
Well Use:	Unknown	WLM Accuracy:	
Monitoring Program:	VOLUNTARY	GSE Accuracy:	Unknown
RPE:	2321.78	GSE Method:	Unknown
Basin ID:		County Name:	Los Angeles
Basin Code:	6-044	Latitude:	34.7044
Basin Name:	Antelope Valley	Longitude:	-118.191
Well Name:			
Well Type:	Unknown		
Ground Surface Elevation:	2321.78		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
28	SW	0.67	3,551.07	2,344.59	MONITOR WELLS

Station ID:	6065	Basin Region Code:	6
Site Code:	346900N1181921W001	Basin Region Desc:	San Joaquin River
State Well No:	07N12W18Q001S	Basin Region Actv:	Y
WCR No:		Basin Region Order:	6
Well Depth:		WLM Method:	
Well Use:	Unknown	WLM Accuracy:	
Monitoring Program:	VOLUNTARY	GSE Accuracy:	Unknown
RPE:	2344.78	GSE Method:	Unknown
Basin ID:		County Name:	Los Angeles
Basin Code:	6-044	Latitude:	34.69
Basin Name:	Antelope Valley	Longitude:	-118.192
Well Name:			
Well Type:	Unknown		

Ground Surface Elevation: 2344.78

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
31	NNW	0.71	3,738.76	2,321.36	MONITOR WELLS

Station ID:	5354	Basin Region Code:	6
Site Code:	347083N1181890W001	Basin Region Desc:	San Joaquin River
State Well No:	07N12W07K001S	Basin Region Actv:	Y
WCR No:		Basin Region Order:	6
Well Depth:		WLM Method:	
Well Use:	Unknown	WLM Accuracy:	
Monitoring Program:	VOLUNTARY	GSE Accuracy:	Unknown
RPE:	2320.78	GSE Method:	Unknown
Basin ID:		County Name:	Los Angeles
Basin Code:	6-044	Latitude:	34.7083
Basin Name:	Antelope Valley	Longitude:	-118.189
Well Name:			
Well Type:	Unknown		
Ground Surface Elevation:	2320.78		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
39	NNE	0.91	4,812.38	2,317.09	MONITOR WELLS

Station ID:	5357	Basin Region Code:	6
Site Code:	347119N1181785W001	Basin Region Desc:	San Joaquin River
State Well No:	07N12W08F001S	Basin Region Actv:	Y
WCR No:		Basin Region Order:	6
Well Depth:		WLM Method:	
Well Use:	Unknown	WLM Accuracy:	
Monitoring Program:	VOLUNTARY	GSE Accuracy:	Unknown
RPE:	2316.78	GSE Method:	Unknown
Basin ID:		County Name:	Los Angeles
Basin Code:	6-044	Latitude:	34.7119
Basin Name:	Antelope Valley	Longitude:	-118.178
Well Name:			
Well Type:	Unknown		
Ground Surface Elevation:	2316.78		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
40	WNW	0.85	4,513.08	2,326.94	MONITOR WELLS

Station ID:	29045	Basin Region Code:	6
Site Code:	347047N1181965W001	Basin Region Desc:	San Joaquin River
State Well No:	07N12W07P001S	Basin Region Actv:	Y
WCR No:		Basin Region Order:	6

Well Depth:		WLM Method:	
Well Use:	Unknown	WLM Accuracy:	
Monitoring Program:	VOLUNTARY	GSE Accuracy:	Unknown
RPE:	2602.78	GSE Method:	Unknown
Basin ID:		County Name:	Los Angeles
Basin Code:	6-044	Latitude:	34.7047
Basin Name:	Antelope Valley	Longitude:	-118.197
Well Name:			
Well Type:	Unknown		
Ground Surface Elevation:	2602.78		

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
46	E	0.94	4,961.67	2,337.75	MONITOR WELLS

Station ID:	28177	Basin Region Code:	6
Site Code:	346969N1181635W001	Basin Region Desc:	San Joaquin River
State Well No:	07N12W16E001S	Basin Region Actv:	Y
WCR No:		Basin Region Order:	6
Well Depth:		WLM Method:	
Well Use:	Unknown	WLM Accuracy:	
Monitoring Program:	VOLUNTARY	GSE Accuracy:	Unknown
RPE:	2338.79	GSE Method:	Unknown
Basin ID:		County Name:	Los Angeles
Basin Code:	6-044	Latitude:	34.6969
Basin Name:	Antelope Valley	Longitude:	-118.163
Well Name:			
Well Type:	Unknown		
Ground Surface Elevation:	2338.79		

Well Completion Reports

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	ESE	0.27	1,420.81	2,328.89	WATER WELLS

WCR No:	WCR1992-015672	Decimal Lat(OSWCR):	34.69664
Decimal Latitude:	34.69664	Decim Long(OSWCR):	-118.17479
Decimal Longitude:	-118.17479		
Location:	Sierra Highway & Avenue L		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	Sierra Highway & Avenue L		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
6	ESE	0.27	1,420.81	2,328.89	WATER WELLS

WCR No:	WCR1988-015178	Decimal Lat(OSWCR):	34.69664
Decimal Latitude:	34.69664	Decim Long(OSWCR):	-118.17479
Decimal Longitude:	-118.17479		
Location:	27TH Street West		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	27TH Street West		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
6	ESE	0.27	1,420.81	2,328.89	WATER WELLS

WCR No:	WCR2004-015121	Decimal Lat(OSWCR):	34.69664
Decimal Latitude:	34.69664	Decim Long(OSWCR):	-118.17479
Decimal Longitude:	-118.17479		
Location:	44836 N 27th Street-West		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	44836 N 27th Street-West		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
6	ESE	0.27	1,420.81	2,328.89	WATER WELLS

WCR No:	WCR1999-009880	Decimal Lat(OSWCR):	34.69664
Decimal Latitude:	34.69664	Decim Long(OSWCR):	-118.17479
Decimal Longitude:	-118.17479		
Location:	LANCASTER, 27TH ST, CO PUMP STATION		
City:			
County:	Los Angeles		
Location(OSWCR):	LANCASTER, 27TH ST, CO PUMP STATION		
City(OSWCR):			
County(OSWCR):	Los Angeles		
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
6	ESE	0.27	1,420.81	2,328.89	WATER WELLS

WCR No:	WCR1988-015177	Decimal Lat(OSWCR):	34.69664
Decimal Latitude:	34.69664	Decim Long(OSWCR):	-118.17479
Decimal Longitude:	-118.17479		
Location:	27th Street West		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	27th Street West		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
6	ESE	0.27	1,420.81	2,328.89	WATER WELLS

WCR No:	WCR1998-009590	Decimal Lat(OSWCR):	34.69664
Decimal Latitude:	34.69664	Decim Long(OSWCR):	-118.17479
Decimal Longitude:	-118.17479		
Location:	21ST WEST & LANCASTER BLVD		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	21ST WEST & LANCASTER BLVD		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
6	ESE	0.27	1,420.81	2,328.89	WATER WELLS

WCR No:	WCR0195604	Decimal Lat(OSWCR):	34.69664
Decimal Latitude:	34.69664	Decim Long(OSWCR):	-118.17479
Decimal Longitude:	-118.17479		
Location:			
City:			
County:	Los Angeles		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	Los Angeles		
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
16	W	0.51	2,701.26	2,329.84	WATER WELLS

WCR No:	WCR2003-011723	Decimal Lat(OSWCR):	34.69665

Decimal Latitude:	34.69665	Decim Long(OSWCR):	-118.19263
Decimal Longitude:	-118.19263		
Location:	3131 West Ave J		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	3131 West Ave J		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
16	W	0.51	2,701.26	2,329.84	WATER WELLS

WCR No:	WCR2001-011835	Decimal Lat(OSWCR):	34.69665
Decimal Latitude:	34.69665	Decim Long(OSWCR):	-118.19263
Decimal Longitude:	-118.19263		
Location:	WEST AVENUE J		
City:	LANCASTER		
County:	Los Angeles		
Location(OSWCR):	WEST AVENUE J		
City(OSWCR):	LANCASTER		
County(OSWCR):	Los Angeles		
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
16	W	0.51	2,701.26	2,329.84	WATER WELLS

WCR No:	WCR2001-013300	Decimal Lat(OSWCR):	34.69665
Decimal Latitude:	34.69665	Decim Long(OSWCR):	-118.19263
Decimal Longitude:	-118.19263		
Location:	3347 W Avenue J		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	3347 W Avenue J		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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	ENE	0.86	4,553.87	2,327.75	WATER WELLS

WCR No:	WCR2019-007370	Decimal Lat(OSWCR):	34.704054
Decimal Latitude:	34.704054	Decim Long(OSWCR):	-118.166014
Decimal Longitude:	-118.166014		

Location: 2000 West Avenue I
City: Lancaster
County: Los Angeles
Location(OSWCR): 2000 West Avenue I
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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	ENE	0.86	4,553.87	2,327.75	WATER WELLS

WCR No: WCR2019-007369
Decimal Lat(OSWCR): 34.704054
Decimal Latitude: 34.704054
Decim Long(OSWCR): -118.166014
Decimal Longitude: -118.166014
Location: 2000 West Avenue I
City: Lancaster
County: Los Angeles
Location(OSWCR): 2000 West Avenue I
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
38	NE	0.88	4,635.41	2,320.61	WATER WELLS

WCR No: WCR2020-002419
Decimal Lat(OSWCR): 34.708889
Decimal Latitude: 34.708889
Decim Long(OSWCR): -118.170556
Decimal Longitude: -118.170556
Location: 14 Freeway and W Avenue I
City:
County: Los Angeles
Location(OSWCR): 14 Freeway and W Avenue I
City(OSWCR):
County(OSWCR): Los Angeles
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No: WCR2015-002846
Decimal Lat(OSWCR): 34.6900592
Decimal Latitude: 34.6900592
Decim Long(OSWCR): -118.1666841
Decimal Longitude: -118.1666841
Location: 2033 W Avenue J
City: Lancaster

County: Los Angeles
Location(OSWCR): 2033 W Avenue J
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No: WCR2015-002842
Decimal Lat(OSWCR): 34.6900592
Decimal Latitude: 34.6900592
Decim Long(OSWCR): -118.1666841
Decimal Longitude: -118.1666841
Location: 2033 W Avenue J
City: Lancaster
County: Los Angeles
Location(OSWCR): 2033 W Avenue J
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No: WCR2015-003480
Decimal Lat(OSWCR): 34.6900592
Decimal Latitude: 34.6900592
Decim Long(OSWCR): -118.1666841
Decimal Longitude: -118.1666841
Location: 2033 W Avenue J
City: Lancaster
County: Los Angeles
Location(OSWCR): 2033 W Avenue J
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No: WCR2015-003464
Decimal Lat(OSWCR): 34.6900592
Decimal Latitude: 34.6900592
Decim Long(OSWCR): -118.1666841
Decimal Longitude: -118.1666841
Location: 2033 W Avenue J
City: Lancaster
County: Los Angeles
Location(OSWCR): 2033 W Avenue J

City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No: WCR2015-003470
Decimal Lat(OSWCR): 34.6900592
Decimal Latitude: 34.6900592
Decim Long(OSWCR): -118.1666841
Decimal Longitude: -118.1666841
Location: 2033 W Avenue J
City: Lancaster
County: Los Angeles
Location(OSWCR): 2033 W Avenue J
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No: WCR2015-003475
Decimal Lat(OSWCR): 34.6900592
Decimal Latitude: 34.6900592
Decim Long(OSWCR): -118.1666841
Decimal Longitude: -118.1666841
Location: 2033 W Avenue J
City: Lancaster
County: Los Angeles
Location(OSWCR): 2033 W Avenue J
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No: WCR2015-003479
Decimal Lat(OSWCR): 34.6900592
Decimal Latitude: 34.6900592
Decim Long(OSWCR): -118.1666841
Decimal Longitude: -118.1666841
Location: 2033 W Avenue J
City: Lancaster
County: Los Angeles
Location(OSWCR): 2033 W Avenue J
City(OSWCR): Lancaster
County(OSWCR): Los Angeles

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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No: WCR2015-003484
Decimal Lat(OSWCR): 34.6900592
Decimal Latitude: 34.6900592
Decim Long(OSWCR): -118.1666841
Decimal Longitude: -118.1666841
Location: 2033 W Avenue J
City: Lancaster
County: Los Angeles
Location(OSWCR): 2033 W Avenue J
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No: WCR2015-003481
Decimal Lat(OSWCR): 34.6900592
Decimal Latitude: 34.6900592
Decim Long(OSWCR): -118.1666841
Decimal Longitude: -118.1666841
Location: 2033 W Avenue J
City: Lancaster
County: Los Angeles
Location(OSWCR): 2033 W Avenue J
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No: WCR2015-003473
Decimal Lat(OSWCR): 34.6900592
Decimal Latitude: 34.6900592
Decim Long(OSWCR): -118.1666841
Decimal Longitude: -118.1666841
Location: 2033 W Avenue J
City: Lancaster
County: Los Angeles
Location(OSWCR): 2033 W Avenue J
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No:	WCR2015-003463	Decimal Lat(OSWCR):	34.6900592
Decimal Latitude:	34.6900592	Decim Long(OSWCR):	-118.1666841
Decimal Longitude:	-118.1666841		
Location:	2033 W Avenue J		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	2033 W Avenue J		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No:	WCR2015-002845	Decimal Lat(OSWCR):	34.6900592
Decimal Latitude:	34.6900592	Decim Long(OSWCR):	-118.1666841
Decimal Longitude:	-118.1666841		
Location:	2033 W Avenue J		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	2033 W Avenue J		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No:	WCR2015-003461	Decimal Lat(OSWCR):	34.6900592
Decimal Latitude:	34.6900592	Decim Long(OSWCR):	-118.1666841
Decimal Longitude:	-118.1666841		
Location:	2033 W Avenue J		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	2033 W Avenue J		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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

42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No:	WCR2015-003471	Decimal Lat(OSWCR):	34.6900592
Decimal Latitude:	34.6900592	Decim Long(OSWCR):	-118.1666841
Decimal Longitude:	-118.1666841		
Location:	2033 W Avenue J		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	2033 W Avenue J		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No:	WCR2015-003476	Decimal Lat(OSWCR):	34.6900592
Decimal Latitude:	34.6900592	Decim Long(OSWCR):	-118.1666841
Decimal Longitude:	-118.1666841		
Location:	2033 W Avenue J		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	2033 W Avenue J		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No:	WCR2015-003466	Decimal Lat(OSWCR):	34.6900592
Decimal Latitude:	34.6900592	Decim Long(OSWCR):	-118.1666841
Decimal Longitude:	-118.1666841		
Location:	2033 W Avenue J		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	2033 W Avenue J		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No:	WCR2015-003469	Decimal Lat(OSWCR):	34.6900592
Decimal Latitude:	34.6900592	Decim Long(OSWCR):	-118.1666841
Decimal Longitude:	-118.1666841		
Location:	2033 W Avenue J		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	2033 W Avenue J		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No:	WCR2015-002844	Decimal Lat(OSWCR):	34.6900592
Decimal Latitude:	34.6900592	Decim Long(OSWCR):	-118.1666841
Decimal Longitude:	-118.1666841		
Location:	2033 W Avenue J		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	2033 W Avenue J		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No:	WCR2015-002843	Decimal Lat(OSWCR):	34.6900592
Decimal Latitude:	34.6900592	Decim Long(OSWCR):	-118.1666841
Decimal Longitude:	-118.1666841		
Location:	2033 W Avenue J		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	2033 W Avenue J		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No:	WCR2015-003474	Decimal Lat(OSWCR):	34.6900592
Decimal Latitude:	34.6900592	Decim Long(OSWCR):	-118.1666841
Decimal Longitude:	-118.1666841		
Location:	2033 W Avenue J		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	2033 W Avenue J		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No:	WCR2015-003483	Decimal Lat(OSWCR):	34.6900592
Decimal Latitude:	34.6900592	Decim Long(OSWCR):	-118.1666841
Decimal Longitude:	-118.1666841		
Location:	2033 W Avenue J		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	2033 W Avenue J		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
42	ESE	0.87	4,581.23	2,346.06	WATER WELLS

WCR No:	WCR2015-002847	Decimal Lat(OSWCR):	34.6900592
Decimal Latitude:	34.6900592	Decim Long(OSWCR):	-118.1666841
Decimal Longitude:	-118.1666841		
Location:	2033 W Avenue J		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	2033 W Avenue J		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR0299906	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492

Decimal Longitude: -118.17492
Location:
City:
County: Los Angeles
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR2012-010775
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location: 45440 W 23rd Street
City: Lancaster
County: Los Angeles
Location(OSWCR): 45440 W 23rd Street
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR2012-009746
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location: 45440 W 23rd Street
City: Lancaster
County: Los Angeles
Location(OSWCR): 45440 W 23rd Street
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR0306824
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location:

City:
County: Los Angeles
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR2012-010716
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location: 45440 W 23rd Street
City: Lancaster
County: Los Angeles
Location(OSWCR): 45440 W 23rd Street
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR2012-009749
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location: 45440 W 23rd Street
City: Lancaster
County: Los Angeles
Location(OSWCR): 45440 W 23rd Street
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR0215709
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location:
City:
County: Los Angeles

Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR0132646
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location:
City:
County: Los Angeles
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR2012-009751
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location: 45440 W 23rd Street
City: Lancaster
County: Los Angeles
Location(OSWCR): 45440 W 23rd Street
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR2012-009750
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location: 45440 W 23rd Street
City: Lancaster
County: Los Angeles
Location(OSWCR): 45440 W 23rd Street
City(OSWCR): Lancaster

County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR0175181
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location:
City:
County: Los Angeles
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR0007986
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location:
City:
County: Los Angeles
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR2012-010715
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location: 45440 W 23rd Street
City: Lancaster
County: Los Angeles
Location(OSWCR): 45440 W 23rd Street
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR2012-009747	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:	45440 W 23rd Street		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	45440 W 23rd Street		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR0215465	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:			
City:			
County:	Los Angeles		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	Los Angeles		
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR2012-010717	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:	45440 W 23rd Street		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	45440 W 23rd Street		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
Original Source:	California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports		

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR2012-009752	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:	45440 W 23rd Street		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	45440 W 23rd Street		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR2012-009745	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:	45440 W 23rd Street		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	45440 W 23rd Street		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR2012-010714	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:	45440 W 23rd Street		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	45440 W 23rd Street		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR2012-010776	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:	45440 W 23rd Street		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	45440 W 23rd Street		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR0306483	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:			
City:			
County:	Los Angeles		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	Los Angeles		
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR0186587	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:			
City:			
County:	Los Angeles		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	Los Angeles		
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR0268646	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:			
City:			
County:	Los Angeles		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	Los Angeles		
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR0170218	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:			
City:			
County:	Los Angeles		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	Los Angeles		
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR2002-011531	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:	Avenue H 8 West of 20th St West		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	Avenue H 8 West of 20th St West		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR0291038	Decimal Lat(OSWCR):	34.71133

Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:			
City:			
County:	Los Angeles		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	Los Angeles		
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR0226339	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:			
City:			
County:	Los Angeles		
Location(OSWCR):			
City(OSWCR):			
County(OSWCR):	Los Angeles		
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR2012-009748	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		
Location:	45440 W 23rd Street		
City:	Lancaster		
County:	Los Angeles		
Location(OSWCR):	45440 W 23rd Street		
City(OSWCR):	Lancaster		
County(OSWCR):	Los Angeles		
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No:	WCR0031806	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.17492
Decimal Longitude:	-118.17492		

Location:
City:
County: Los Angeles
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR0016816
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location:
City:
County: Los Angeles
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR1968-001642
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location: S OF AVE H, E OF 30TH ST WEST
City:
County: Los Angeles
Location(OSWCR): S OF AVE H, E OF 30TH ST WEST
City(OSWCR):
County(OSWCR): Los Angeles
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
43	NNE	0.91	4,818.02	2,317.75	WATER WELLS

WCR No: WCR0103453
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.17492
Decimal Longitude: -118.17492
Location:
City:

County: Los Angeles
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
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
47	ESE	0.94	4,938.72	2,347.51	WATER WELLS

WCR No: WCR2020-004471
Decimal Lat(OSWCR): 34.689825
Decimal Latitude: 34.689825
Decim Long(OSWCR): -118.165459
Decimal Longitude: -118.165459
Location: 1859 west avenue J AVE
City: Lancaster
County: Los Angeles
Location(OSWCR): 1859 west avenue J AVE
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
48	ESE	0.94	4,955.37	2,347.86	WATER WELLS

WCR No: WCR2020-004472
Decimal Lat(OSWCR): 34.689752
Decimal Latitude: 34.689752
Decim Long(OSWCR): -118.165448
Decimal Longitude: -118.165448
Location: 1859 west avenue J AVE
City: Lancaster
County: Los Angeles
Location(OSWCR): 1859 west avenue J AVE
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
49	ESE	0.94	4,974.66	2,347.93	WATER WELLS

WCR No: WCR2020-004473
Decimal Lat(OSWCR): 34.689655
Decimal Latitude: 34.689655
Decim Long(OSWCR): -118.165445
Decimal Longitude: -118.165445
Location: 1859 west avenue J AVE
City: Lancaster
County: Los Angeles
Location(OSWCR): 1859 west avenue J AVE

City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
51	ESE	0.95	5,021.80	2,348.21	WATER WELLS

WCR No: WCR2020-004474
Decimal Lat(OSWCR): 34.689613
Decimal Latitude: 34.689613
Decim Long(OSWCR): -118.165292
Decimal Longitude: -118.165292
Location: 1859 west avenue J AVE
City: Lancaster
County: Los Angeles
Location(OSWCR): 1859 west avenue J AVE
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
52	ESE	0.96	5,053.60	2,347.93	WATER WELLS

WCR No: WCR2020-004470
Decimal Lat(OSWCR): 34.689633
Decimal Latitude: 34.689633
Decim Long(OSWCR): -118.165153
Decimal Longitude: -118.165153
Location: 1859 west avenue J AVE
City: Lancaster
County: Los Angeles
Location(OSWCR): 1859 west avenue J AVE
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
53	NNW	0.99	5,245.45	2,322.01	WATER WELLS

WCR No: WCR1776-004364
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.19274
Decimal Longitude: -118.19274
Location: 37TH ST W
City: Lancaster
County: Los Angeles
Location(OSWCR): 37TH ST W
City(OSWCR): Lancaster
County(OSWCR): Los Angeles

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
53	NNW	0.99	5,245.45	2,322.01	WATER WELLS

WCR No: WCR1954-002304
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.19274
Decimal Longitude: -118.19274
Location: I AVE, 30TH ST
City: Lancaster
County: Los Angeles
Location(OSWCR): I AVE, 30TH ST
City(OSWCR): Lancaster
County(OSWCR): Los Angeles
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
53	NNW	0.99	5,245.45	2,322.01	WATER WELLS

WCR No: WCR0327458
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.19274
Decimal Longitude: -118.19274
Location:
City:
County: Los Angeles
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
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
53	NNW	0.99	5,245.45	2,322.01	WATER WELLS

WCR No: WCR1981-008238
Decimal Lat(OSWCR): 34.71133
Decimal Latitude: 34.71133
Decim Long(OSWCR): -118.19274
Decimal Longitude: -118.19274
Location:
City:
County: Los Angeles
Location(OSWCR):
City(OSWCR):
County(OSWCR): Los Angeles
Original Source: California Department of Water Resources - OSWCR(Well Numbers); California Department of Water Resources - Well Completion Reports

Wells and Additional Sources Detail Report

Map Key	Direction	Distance (mi)	Distance (ft)	Elevation (ft)	DB
53	NNW	0.99	5,245.45	2,322.01	WATER WELLS

WCR No:	WCR1993-011345	Decimal Lat(OSWCR):	34.71133
Decimal Latitude:	34.71133	Decim Long(OSWCR):	-118.19274
Decimal Longitude:	-118.19274		
Location:	306 W AVE F-12, LANCASTER		
City:			
County:	Los Angeles		
Location(OSWCR):	306 W AVE F-12, LANCASTER		
City(OSWCR):			
County(OSWCR):	Los Angeles		
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

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.

Appendix

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.

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.

Wells from NWIS — **FED USGS**

The U.S. Geological Survey's National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIW dataset contains select Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well, Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern.

Appendix

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 Oil, Gas and Geothermal Resources.

Periodic Groundwater Level Measurement Locations **MONITOR WELLS**

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.

Well Completion Reports **WATER WELLS**

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.

Liability Notice

Reliance on information in Report: The Physical Setting Report (PSR) DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a review of environmental databases and physical characteristics for the site or adjacent properties.

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APPENDIX D: QUALIFICATIONS

Nasim Ahmed, REA

Partner Associate

Education

Master of Science, Chemical Engineering - University of Southern California
Bachelor of Science, Chemical Engineering - BUET, Bangladesh

Registrations

California Registered Environmental Assessor (REA I- 08051)

Summary of Professional Experience

Mr. Ahmed has over 13 years experience in the environmental service industry. He is familiar with all aspects of Due Diligence Property Assessments and the needs and requirements of varied number of reporting standards, including the ASTM standard, EPA's All Appropriate Inquiry (AAI), and customized client formats. Mr. Ahmed is a certified AHERA Asbestos Building Inspector with experience developing and implementing asbestos, lead-based paint, PCB, and radon Operations & Maintenance (O&M) Programs. Mr. Ahmed has also performed Phase II Subsurface Investigations, Regulatory Compliance Assessments, and Limited Property Condition Assessments.

Mr. Ahmed has performed over 1,000 Phase I Environmental Site Assessments and Environmental Transaction Screens. He has provided daily client support and management of environmental, engineering and associated projects in the due diligence process. Some of his other client management duties have included assessment of current and potential collateral properties for applicable due diligence requirements, with "cradle to grave" client support of projects through loan closing (including addressing client concerns, comments and revisions). He has performed Phase I ESAs, Phase II Subsurface Investigations, and Regulatory Compliance Assessments on numerous multi-acre, multi-tenant industrial, commercial office, retail and multi-regional retail mall complexes, such as the Glendale Fashion Center, Howard Johnson Hotel and Rite Aid. He also has developed and implemented asbestos, lead-based paint, lead in water, and radon Operations and Maintenance (O&M) Programs.

Finally, Mr. Nasim's diversity across residential, industrial, and commercial environments is a major contribution to Partner Engineering and Science's Associate team in the Southwest region of the United States.

PARTNER

Steven Weatherton
Project Manager

Education

B.S. Environmental Science, University of California, Riverside

Registrations

EPA Accredited Asbestos Building Inspector/Management Planner

Training

EPA Asbestos Contractor Supervisor/ Building Inspector/ Management Planner
OSHA 40-Hour HAZWOPER
OSHA Hazardous Site Supervisor/ Emergency Response Incident Command/ First Responder

Highlights

19 years of experience in environmental consulting and hazardous material management
18 years of experience in Phase I and Phase II Environmental Site Assessments
23 year veteran of the United States Army (Captain) with two deployments in support of Operation Enduring Freedom
Experienced in ACM, LBP, IAQ, and Mold inspections and abatement

Experience Summary

Mr. Weatherton serves as a Project Manager for Partner Engineering and Science, Inc. (Partner), performing Phase I Environmental Site Assessments in accordance with EPA's All Appropriate Inquiry (AAI) and the Small Business Association (SBA) requirements, as well as managing industrial hygiene services (asbestos, lead-based paint, mold, and IAQ), property condition assessments (PCAs), and Phase II Environmental Site Assessments. Mr. Weatherton has performed various Phase I Environmental Site Assessments, Environmental Transaction Screens, Phase II and III Subsurface Investigations, Asbestos Surveys, Lead-based Paint Surveys, Radon Studies, and Mold Assessments throughout the West and Midwest regions of the United States.

Mr. Weatherton has been responsible for the completion of Phase I Environmental Site Assessments for the SBA for various properties to include gasoline service stations and potentially contaminated sites. Mr. Weatherton has coordinated the completion of various assignments across the United States, most notably throughout the Midwest and Southern regions. Mr. Weatherton has extensive field experience soil and groundwater sampling; asbestos identification and abatement; and UST identification, abandonment and removal supervision. Early in his career he was a member of a hazardous materials emergency response team performing cleanups of clandestine drug labs discovered by law enforcement agencies.

Project Experience

Asbestos

Performed several asbestos surveys throughout Northern and Southern California, Arizona and Nevada for major national and Southern California lenders, school district and hospitals. Work included collecting bulk samples of suspect material under the supervision of a Certified Asbestos Consultant (CAC).

Managed and completed an AHERA and NESHAPS Asbestos Management plan for the United States Department of Interior, Bureau of Indian Affairs High School in Riverside, California. Work included the survey of over 40 buildings on a campus spanning over 80 acres.

Performed several air clearance monitoring for LAUSD and Kaiser Permanente under the supervision of a CAC.

Performed several surveys and abatement monitoring of flooring for LAUSD and Kaiser Permanente. Work included the collection of bulk samples of interior and exterior walls, flooring, ceilings, roofing, and HVAC equipment under the supervision of a CAC.

Phase I Environmental Site Assessments

Completed several Phase I Environmental Site Assessments (ESA) on gasoline service stations, industrial/commercial and undeveloped properties and parcels ranging in size from 1 to 1,500 acres throughout Northern and Southern California, Colorado, Kansas, Nebraska and Nevada. Work has included the identification of historical dump areas, former oil refineries, historical agricultural areas, and potentially contaminated sites due to past use.

Completed several Phase I+ ESA's for LAUSD for proposed school sites.

Completed Transaction Screening Processes (TSP's) for commercial and industrial properties in Los Angeles, Orange, Ventura, and San Diego Counties for major Southern California lenders and developers. Work included the identification of potential environmental hazards from adjacent properties developing into Limited Phase I ESA's.

Phase II Environmental Site Assessments

Under responsible charge of a Professional Geologist, accomplished several Phase II ESA's throughout Northern and Southern California and Nevada for major Southern California lenders and school districts. Work included the identification of possible historical underground storage tanks, and potential environmental concerns associated with historical site usage. Work also included the collection of soil samples for analysis of environmental contaminates.

Performed geophysical assessments of commercial and industrial properties in Los Angeles County. Work included the identification of buried utility lines and piping with the use of Ground Penetrating Radar and Line Tracing.

Monitored the excavation of contaminated soil in the City of Santa Clarita, California for a major Southern California developer. Work included the collection of soil samples for fecal coliform and contaminants, the collection of air samples for dust particulates, and the constant monitoring of wind speed to comply with AQMD regulations.

Performed a soil gas survey for a major school district in Los Angeles County. Work included collecting gas samples and monitoring for contaminants.

Monitored the excavation of contaminated soil in the City of Azusa, California for the Azusa Police Department. Work included the collection of soil samples for analysis of environmental contaminates and compliance with AQMD standards.

Monitored the excavation of soil and search for underground storage tanks (UST) in Beverly Hills, California for a car dealership. Work included the onsite testing of soil samples and the monitoring of UST discovery.

Performed groundwater monitoring of current gasoline service stations across Northern California for a major petroleum company. Work included the installation and sample collection of wells.

Other Environmental Work

Performed numerous lab packs of hazardous chemicals and substances at clandestine methamphetamine drug labs in San Bernardino, Riverside, Los Angeles, and Kern Counties for DTSC. Work included hazardous materials categorization, hazardous waste manifestation, and identification of environmental hazards to local communities.

Managed and coordinated the completion of several Tier I and Tier II Spill Protection Control and Countermeasure (SPCC) plans and an update of a Chemical SPCC (CSPCC) plan and Hazardous Materials Business Emergency Plan (BEP) for the City of Corona Department of Water and Power.

Performed inspection work for LAUSD, ensuring contractors complied with school district regulations, in the installation of new floors within the schools. Work included monitoring contractors work, coordination between contractor, district, and construction management firms managing, two other inspectors, and billing.

Performed an environmental site assessment for the North Atlantic Treaty Organization (NATO) Taskforce Kosovo of an abandoned Soviet-era battery manufacturing facility. Work included the identification of hazardous materials and potential threat to the surrounding environment and the redevelopment of the site.

Managed hazardous waste removal and emergency response operations, and has experience in Vacuum Truck Operations, Hazardous Materials Categorization, and Lab Packing.

Contact

sweatherton@partneresi.com

PARTNER

Megan Nielsen
National Client Manager

Education

Curriculum focus in Journalism and Business Management, Cal Poly San Luis Obispo, San Luis Obispo, CA

Highlights

9 years of experience in environmental consulting
8 years of experience in due diligence project management
Environmental Assessments
Property Condition Assessments
ALTA Surveys
Seismic Risk Assessments

Experience Summary

Ms. Nielsen currently serves as a National Client Manager at Partner Engineering and Science, Inc. (Partner), where her day-to-day responsibilities include business development, client communication, cost estimating and proposal preparation, project oversight, and staff supervision. Ms. Nielsen's role is instrumental in ensuring greater office efficiency to deliver a range of due diligence and risk management services for Partner's wide variety of clients in the commercial real estate industry in a timely manner. She has strategically developed and implemented protocols for Partner's nationwide offices and staff to ensure that all proposals and reports follow a timely and standardized reporting template in getting deliverables to the client both punctually and accurately.

Ms. Nielsen brings over 9 years of experience in the environmental industry. She has significant experience in due diligence assessments for a variety of CRE property types, along with the requirements of a varied number of reporting standards, including ASTM standards, the US Environmental Protection Agency's All Appropriate Inquiries (AAI), Fannie Mae agency report standards, and the US Department of Housing and Urban Development (HUD) Low-Income Housing Tax Credits (LIHTC).

Ms. Nielsen has managed and coordinated numerous due diligence portfolios for clients including institutional investors, agency lenders, attorneys, and developers. Her multi-scope projects have included Phase I Environmental Site Assessments (ESAs), Property Condition Assessments (PCAs), Seismic Risk Assessments, Zoning and ALTA Surveys.

Project Experience

Medical Office Portfolio, OR. Oversaw and coordinated the completion of numerous Phase I Environmental Assessments, Property Condition and Seismic Risk Assessments for a major regional bank lender.

Retail Chain Portfolio, Various Locations Nationwide. Oversaw and coordinated the completion of numerous Property Condition Assessments for one of the largest pharmacy store chains in the US.

Fannie Mae Multifamily Properties, Various Locations Nationwide. Oversaw and coordinated the completion of hundreds of Phase I Environmental Assessments and Property Condition Assessment reports completed utilizing the Fannie Mae's scope of work. Ms. Nielsen also has considerable experience in Low Income Housing Tax Credit (LIHTC) standards utilized in multi-family housing due diligence.

Multi-family, Retail, and Industrial properties, Various Locations Nationwide. While working for one of Partner's largest and highest-volume sales teams, Ms. Nielsen was responsible for overseeing and coordinating the completion of thousands of Phase I ESAs and PCA reports for one of the largest lending institutions worldwide.

Affiliations

Member, Commercial Real Estate Women (CREW)
Member, International Council Shopping Centers (ICSC)

Contact

mnielsen@partneresi.com