THORNBURGH CONSULTING, INC.

PHASE I ENVIRONMENTAL SITE ASSESSMENT



NEC of Tradewinds Drive and Mapes Road

Romoland, California 92585

PREPARED FOR:

EPD SOLUTIONS, INC.
3333 MICHELSON DRIVE, SUITE 500
IRVINE, CALIFORNIA 92612

THORNBURGH PROJECT NUMBER: 0161

JUNE 12, 2025

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THORNBURGH
CONSULTING, INC.

June 12, 2025

Mr. Dane Palanjian
EPD Solutions, Inc.
3333 Michelson Drive, Suite 500
Irvine, California 92612

RE: Phase I Environmental Site Assessment
NEC of Tradewinds Drive and Mapes Road
Romoland, California 92585
Thornburgh Project No: 0161

Dear Mr. Palanjian:

Thornburgh Consulting, Inc. has completed a Phase I Environmental Site Assessment of the above referenced property. This assessment was performed in conformance with our contract agreement and the scope and limitations of ASTM Practice E 1527-21, which is the latest version of the E1527 standard published by the ASTM.

We appreciate the opportunity to provide environmental consulting services. If you have any questions concerning this report, or if we can assist you in any other matter, please contact our office at 949-309-0722.

Sincerely,

Thornburgh Consulting, Inc.

Stephen Krummlett
Divisional Manager

Kenneth Thornburgh
President

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List of Acronyms/Abbreviations

Thornburgh may use the following abbreviations and acronyms for common terminology described in our report. Not all abbreviations or acronyms may be applicable to this report:

AOC	– Area of Concern
AST	– Aboveground Storage Tank
ASTM	– American Society for Testing Materials
BER	– Business Environmental Risk
CERCLA	– Comprehensive Environmental Response Compensation and Liability Act
CERCLIS	– Comprehensive Environmental Response Compensation and Liability Information System
CESQG	– Conditionally Exempt Small Quantity Generator
COC	– Chemicals of Concern
CORRACTS	– Corrective Action Sites
CREC	– Controlled Recognized Environmental Condition
DEC	– Department of Environmental Conservation
DEP	– Department of Environmental Protection
DHS	– Department of Health Services
DNPL	– Delisted National Priority List
DOB	– Department of Buildings
DOH	– Department of Health
DOT	– Department of Transportation
EPA	– Environmental Protection Agency
ERNS	– Emergency Response Notification System
FD	– Fire Department
FOI/FOIA/FOIL	– Freedom of Information / Freedom of Information Act / Freedom of Information Letter
HVAC	– Heating Ventilation & Air Conditioning
HREC	– Historical Recognized Environmental Condition
IAQ	– Indoor Air Quality
ISRA	– Industrial Site Recovery Act
LBP	– Lead-Based Paint
LCP	– Lead-Containing Paint
LQG	– Large Quantity Generator
LTANK	– Leaking Storage Tank
LUST	– Leaking Underground Storage Tank
SDS/MSDS	– Safety Data Sheet / Material Safety Data Sheet
NA	– Not Applicable
NFA	– No Further Action
NFRAP	– No Further Remedial Actions Planned
NPDES	– National Pollutant Discharge Elimination System
NPL	– National Priority List
OPRA	– Open Public Records Act
PAH	– Polycyclic Aromatic Hydrocarbon
PCE	– Perchloroethylene
RAO	– Response Action Outcome
RCRA	– Resource Conservation and Recovery Act
RCRIS	– Resource Conservation and Recovery Information System
REC	– Recognized Environmental Condition
SDG	– Significant Data Gap
SEMS	– Superfund Enterprise Management System
SRP	– Site Remediation Program
SQG	– Small Quantity Generator
SVOC	– Semi-Volatile Organic Compound
TCE	– Trichloroethylene
TSDF	– Treatment Storage and/or Disposal Facility
UST	– Underground Storage Tank
VEC	– Vapor Encroachment Condition
VOC	– Volatile Organic Compound

1.0 SUMMARY OF FINDINGS

1.1 Executive Summary

Thornburgh Consulting, Inc. (Thornburgh) performed a Phase I Environmental Site Assessment (ESA) of NEC of Tradewinds Drive and Mapes Road, Romoland, California (the Subject Property) in accordance with our contracted scope of work and the ASTM Standard Practice E 1527-21 for Phase I Environmental Site Assessments and All Appropriate Inquiries (AAI) Final Rule 40 CFR Part 312. This section contains a summary of findings, opinions and conclusions made by this assessment. However, this section, alone, does not constitute the complete assessment. The report must be read in its entirety.

Summary of Project Details

Primary Street Address:	NEC of Tradewinds Drive and Mapes Road				
City:	Romoland	County:	Riverside	State:	California
Tax ID/Parcel Number:	327-491-001 to 327-491-018, 327-480-001 to 327-480-022, 327-490-001 to 327-490-016, 327-481-001 to 327-481-012				
Property Owner:	South Dev Corona				
Zoning Designation:	R-R				
Approx. Property Area:	37.86 acres				
Buildings:	None				
Approx. Building Size:	N/A				
Approx. Year Built:	N/A				
Commercial Occupants:	N/A				
Current Use:	Vacant land				
Inspected By:	Mr. Mathew Cadovec				
Site Contact/Company:	Mr. Dane Palanjian/EPD				
Site Escort/Company:	Unescorted				
Inspection Date:	May 29, 2025				
Weather Conditions:	Sunny, 70°F				

Findings Summary Table

Assessment Subject	No REC	REC	CREC	HREC	SDG	Rpt. Ref.
Property Regulatory Records Review:	X					4.3
Property Historical Records Review:	X					4.2
Bulk Petroleum Storage:	X					6.3
On-Site Operations:	X					6.3
On-Site Haz-Mat Storage/Use/Spills:	X					6.3
Transformers/Hydraulic Systems:	X					6.3
Waste Discharges:	X					6.3
Interviews:	X					5.0
Adjoining & Nearby Properties:	X					4.3 6.2
Prior Env. Reports/User Provided Info:	X					3.0

1.2 Findings, Opinions and Conclusions

Recognized Environmental Conditions & Significant Data Gaps

Thornburgh has performed a Phase I Environmental Site Assessment in accordance with the scope and limitations of ASTM Practice E 1527-21 of the Subject Property as described in Section 2.2 of this report. Any additions to, exceptions to, or deletions from this practice are also described in Section 2 of this report. This assessment has revealed no recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs) or significant data gaps (SDGs) in connection with the Subject Property.

RECOGNIZED ENVIRONMENTAL CONDITIONS
No RECs were identified.
CONTROLLED RECOGNIZED ENVIRONMENTAL CONDITIONS
No CRECs were identified.
SIGNIFICANT DATA GAPS
No SDGs were identified.
RECOMMENDATIONS
Based on the finding of no RECs, CRECs or SDGs, it is Thornburgh's opinion that no additional action or investigation is warranted at this time.

Historical Recognized Environmental Conditions (HRECs)

This assessment has revealed the following *historical recognized environmental conditions* (HRECs) in connection with the Subject Property:

HISTORICAL RECOGNIZED ENVIRONMENTAL CONDITIONS
No HRECs were identified

De Minimis and Other Environmental Conditions

The following *de minimis* and other environmental conditions were identified:

OTHER ENVIRONMENTAL CONDITIONS / DE MINIMIS CONDITIONS
The Subject Property was historically utilized for agricultural purposes. Given subsequent site redevelopment and limited soil testing conducted by GeoSoils, the potential for concentrated pesticides in shallow soils is considered to be low and therefore a REC is not suspected.
The presence of thick vegetation limited the assessor's ability to access and inspect portions of the Subject Property exterior for evidence of RECs.
The following evidence of on-site disposal of trash, construction debris, demolition debris or other solid waste was observed: Nuisance trash dumping was observed throughout the Subject Property; although not considered a REC, the trash should be properly disposed of.
One 55-gallon drum was observed onsite, however upon inspection, the drum appeared to have been filled with trash/nuisance dumping. No hazardous materials were observed in or around the drum, and no evidence of stained soil or distressed vegetation was observed. Accordingly, this drum is not considered to be a REC in connection with the Subject Property.

Environmental Professional Statement

I/We declare that, to the best of my professional knowledge and belief, I/we meet the definition of *Environmental professional* as defined in § 312.10 of 40 C.F.R. 312. I/we have the specific qualifications based on education, training and experience to assess a *property* of the nature, history and setting of the *subject property*. I/We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 C.F.R. Part 312.



Davis Tang
Environmental Professional



Stephen Krummlett

Environmental Professional

1.3 Business Environmental Risks / Non-ASTM Scope

Thornburgh has performed a limited review of the following potential *business environmental risks* (BER), also known as "*Non-ASTM Scope*" concerns, in accordance with the contracted scope of work scope for this assessment. Additional details of the scope of work and findings are included in Sections 2 and 7.

Subject	Findings	Not Appl.	Rpt. Ref.
Asbestos		X	7.1
Lead Paint		X	7.2
Radon	Property is located in the USEPA radon designation Zone 2 or 'moderate risk' area for radon.		7.3
Mold / Microbial Damage		X	7.4
NWI Wetlands	A review of the NWI wetlands mapper did not indicate regulated wetlands on the Subject Property.		7.5
Lead in Drinking Water		X	7.6

2.0 INTRODUCTION

2.1 Purpose and Scope

This assessment was conducted utilizing generally accepted Phase I ESA industry standards in accordance with the ASTM Standard Practice E 1527-21. The ASTM describes these methodologies as representing good commercial and customary practice for conducting an environmental site assessment of a parcel of commercial real estate with respect to the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) (42 U.S.C. § 9601) and petroleum products. This practice is intended to permit a user to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner or bona fide prospective purchaser limitations on CERCLA liability ("landowner liability protections," or "LLPs"): that is, the practice that constitutes all appropriate inquiries into the previous ownership and uses of the Subject Property consistent with good commercial and customary practice as defined at 42 U.S.C. §9601(35) (B). The goal of the processes established by ASTM E 1527-21 is to identify *recognized environmental conditions* in connection with the Subject Property.

The term *recognized environmental condition* (REC) is defined by ASTM E 1527-21 as *"(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment."*

The term *controlled recognized environmental condition* (CREC) is a type of recognized environmental condition and defined by ASTM E 1527-21 as a *"recognized environmental condition affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)."*

The term *historical recognized environmental condition* (HREC) is defined as a *"previous release of hazardous substances or petroleum products affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the subject property to any controls (for example, activity and use limitations or other property use limitations)."* The ASTM E 1527-21 standard has clarified that a *historical recognized environmental condition* is not a *recognized environmental condition*.

The term *de minimis condition* is defined by the ASTM, *"…a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."* A condition determined to be a *de minimis condition* is not REC nor a CREC.

The chief components of this assessment are generally described as follows:

- A non-invasive visual reconnaissance of the Subject Property and adjoining properties in accordance with ASTM guidelines for evidence of RECs.

- Interviews of past and present owners and occupants and state and local government officials, seeking information related to the potential presence of RECs at the Subject Property.

- A review of standard physical record sources for available topographic, geologic and groundwater data.

- A review of standard historical record sources, such as fire insurance maps, city directories, aerial photographs, prior reports and interviews, etc., to determine prior uses of the Subject Property from the present, back to the Subject Property's first developed use, or back to 1940, whichever is earlier.

- A review of standard environmental record sources including federal and state environmental databases, and additional environmental record sources, to identify potential regulatory concerns with the Subject Property, adjoining properties and properties located within the surrounding area.

An evaluation of environmental or other regulatory compliance matters is excluded from the scope of this assessment.

These methodologies are described as representing good commercial and customary practice for conducting an Environmental Site Assessment of a property for the purpose of identifying recognized environmental conditions.

Business Environmental Risks/Non-ASTM Scope Considerations

Thornburgh has performed a limited review of the following potential *business environmental risks* (BER), also known as "*Non-ASTM Scope*" concerns, in accordance with the contracted scope of work scope for this assessment. BER is defined by ASTM E 1527-21 as *"a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice."*

- Asbestos-Containing Building Materials (ACBM): A cursory non-intrusive visual screening for the presence of suspect ACBM within the accessed areas of buildings built prior to 1990 on the Subject Property. If the Subject Property contains buildings built in 1990 or later, the contracted scope of work excludes a cursory non-intrusive visual screening or any other level of evaluation for suspect ACM; however, the exclusion for buildings built ≥1990 should not be interpreted to suggest that any such buildings are free of ACBM or would not warrant evaluation of building materials for ACBM prior to disturbance. It is emphasized that this cursory non-

intrusive visual screening does not constitute an asbestos survey/inspection of the premises. An asbestos survey/inspection should be sought by the report User(s) if a greater certainty is desired regarding ACBM and potential asbestos hazards at the Subject Property. Furthermore, a review of regulatory compliance matters pertaining to asbestos is excluded from the scope of work.

- Lead-Based Paint (LBP): A cursory non-intrusive visual screening of the condition of painted surfaces in the accessed areas of residential buildings/units built prior to 1978 on the Subject Property. If the Subject Property contains buildings built in 1978 or later, the contracted scope of work excludes any cursory non-intrusive visual screening or other level of evaluation for suspect LPB; however, the scope of work exclusion for building built ≥1978 should not be interpreted to suggest that any such buildings are free of LPB or other lead hazards. It is emphasized that this cursory non-intrusive visual screening does not constitute a comprehensive survey for LBP or potential lead hazards. A comprehensive inspection should be sought by the report User(s) if more certainty is desired regarding LBP at the Subject Property. Furthermore, a review of regulatory compliance matters pertaining to lead-based paint is excluded from the scope of work.

- USEPA Designated Radon Potential: Review of general non site-specific data published by the USEPA regarding the Radon Zone classification for the area of the Subject Property.

- Mold/Microbial Damage: A cursory non-intrusive visual screening within the accessed areas of buildings on the Subject Property for evidence of systemic microbial problems, including visible mold growth, water damaged building materials or musty odors. It is emphasized that this cursory non-intrusive visual screening does not constitute a comprehensive survey for moisture/mold/microbial damage. A more comprehensive inspection should be sought by the report User(s) if more certainty is desired regarding the potential for moisture/mold/microbial damages at the Subject Property.

- NWI Wetlands: The Subject Property has been reviewed for jurisdictional wetlands using the National Wetlands Inventory-Wetland Mapper to determine whether mapped federal wetlands have been indicated on the Subject Property. Any further evaluation or legal delineation of regulated wetlands areas is excluded from the scope of work. It is also emphasized that a field delineation of regulated wetlands by a qualified professional would be warranted to more fully determine the presence or absence of regulated wetlands at the Subject Property.

- Lead in Drinking Water: Review of the potential for elevated levels of lead in the drinking water by determining the source of the drinking water supply and a review of available testing or compliance data reports.

2.2 Property Location/Legal Description

Property location and legal description details are described as follows:

Primary Street Address:		NEC of Tradewinds Drive and Mapes Road			
City:	Romoland	County:	Riverside	State:	California
Tax ID/Parcel Number:		327-491-001 to 327-491-018, 327-480-001 to 327-480-022, 327-490-001 to 327-490-016, 327-481-001 to 327-481-012			
Approx. Land Area:		37.86 acres			
Apprx. Latitude/Longitude:		North 33.7595290 degrees/West 117.1649870 degrees			
Additional Details (if appl.):		NA			
Property Owner:		South Dev Corona			
Zoning Designation:		R-R			

2.3 Data Gaps

A *data gap* is defined by the ASTM as a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. A data gap is only significant if other information and/or professional experience raises reasonable concerns involving the data gap and the ability to determine the presence or absence of recognized environmental conditions. The following table summarizes data gaps encountered during the assessment as well as a discussion of their significance.

Data Gap:	Significant (Yes/No)?	Discussion
Historical records data failure	No	Records gaps exceeding five years were encountered; however, no significant site use changes are suspected during these intervals.

2.4 ESA Report Component Dates/Viability

The ASTM E 1527-21 standard states that an environmental site assessment (ESA) is presumed to be viable when it is conducted within 180 days prior to the date of acquisition of the Subject Property (or, for transactions not involving an acquisition such as a lease or refinance, the date of the intended transaction). Specifically, all of the following components must be conducted or updated within 180 days prior to the date of acquisition or prior to the date of the transaction. The following table summarizes the component completion dates:

ESA Component	Completion Date
Interviews:	N/A
Env Lien Search:	See Section 3.2
Government Records Review:	May 29, 2025
Visual Inspections:	May 29, 2025
Env. Professional Declaration:	June 12, 2025

2.5 User Reliance

This report is for the exclusive use of EPD Solutions, Inc. and additional relying entities, if any, named on the front cover. No additional individuals or entities shall be permitted to rely upon any data, interpretation, reports or other information or documentation contained in this report, without first obtaining the consent of EPD Solutions, Inc.; and without obtaining written consent from Thornburgh in the form of a reliance agreement/letter.

Thornburgh may, in its sole discretion, withhold its consent to additional reliance and/or Thornburgh may condition consent for reliance upon payment of a fee or other conditions.

2.6 Significant Assumptions

The following significant assumptions are made:

- The site operations at the time of the site visit are assumed to reflect typical site conditions relative to potential environmental conditions and that no concealment of environmental conditions or releases by site owners or occupants has occurred. Likewise, it is assumed that no areas of the Subject Property with potential environmental concerns or RECs were concealed or otherwise not reported, intentionally or unknowingly, by the Subject Property owners/occupants and/or site escort at the time of the site visit.

- For the purpose of estimating the approximate direction of groundwater flow in the absence of site-specific groundwater data, unless indicated otherwise, an assumption has been made that the gradient of groundwater flow follows the surface topography of the Subject Property and immediate surrounding area.

2.7 General Limitations and Exceptions

Limitations

The report turnaround time specified by the contract agreement for this assessment may present a limitation to the availability of pertinent regulatory agency records. Such limitations, if encountered, would be further specified in Section 4.1.

Significant limitations related to the condition or accessibility of the Subject Property at the time of the site reconnaissance, if encountered, are reported in Section 6.1.

Other Exceptions or Deletions

No other exceptions or deletions from the ASTM Standard E 1527 are reported.

Special Terms and Conditions

This Phase I Environmental Site Assessment has been prepared using reasonable efforts in each phase of its work to identify recognized environmental conditions associated with hazardous substances, wastes and petroleum products at the Subject Property. Findings within this report are based on information collected from observations made on the day of the site reconnaissance and from reasonably ascertainable information obtained from governing public agencies and private sources.

This report is not definitive and should not be assumed to be a complete or specific definition of the conditions above or below grade. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, site development, redevelopment, or other construction purposes. No representation or warranty is made that the past or current operations at the Subject Property are, or have been, in compliance with all applicable federal, state and local laws, regulations and codes.

Findings, conclusions and recommendations presented in this report are based on visual observations of the Subject Property, interviews conducted, the records reviewed, information provided by the Client, and/or a review of readily available and supplied drawings and documents. No warranty or guarantee is made of the accuracy or completeness of information that was obtained from ostensibly knowledgeable individuals, regulatory agency representatives or other secondary sources, including information obtained during the assessment, whether written, graphic or verbal, provided by the Subject Property contact(s) or as shown on any documents reviewed or received from the Subject Property contact, owner or agent, or government agency source. Independent verification of the accuracy or completeness of all information reviewed or received during the course of this assessment is not made and excluded from the scope of work for this assessment.

Regardless of the findings stated in this report, Thornburgh is not responsible for consequences or conditions arising from facts that were concealed, withheld or not fully disclosed at the time the assessment was conducted.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

The regulatory database report provided is based on an evaluation of the data collected and compiled by a contracted data research company. Thornburgh can neither warrant nor guarantee the accuracy or completeness of the information obtained from the regulatory database report provider during the course of this assessment.

Subsurface conditions may differ from the conditions implied by the surface observations and can only be reliably evaluated through intrusive techniques.

Reasonable efforts have been made during this assessment to identify aboveground and underground storage tanks and ancillary equipment. Reasonable efforts are limited to information gained from visual observation of largely unobstructed areas, recorded database information held in public record and available information gathered from interviews. Such methods may not identify surficial and subsurface features that may have been hidden from view due to parked automobiles and other vehicles, snow cover, vegetative growth, pavement, construction or debris pile storage or incorrect information from sources.

No guarantee, explicit or implied, is made that the records pertaining to historical ownership or occupancy which were reviewed represent a comprehensive or precise delineation of past Property ownership or tenancy for legal purposes.

The ASTM E 1527-21 standard states that recommendations are not required to be included in a Phase I ESA report; however, further that recommendations are an additional service that may be useful in the User's analysis of landowner liability protections or business environmental risks; and that the User should consider whether recommendations for additional inquiries or other services are desired.

Recommended response actions offered in Section 1.3, if any, are provided as an option to the Client, and may have taken into account the Client's relation to the Subject Property and/or their intended purpose of this assessment. If included, it is not intended by Thornburgh to represent the only course(s) of action, or inaction, to take. Furthermore, it is emphasized that additional response actions may become advisable depending on the outcome of the initial action(s) taken. Thornburgh advises that Client and any additional authorized relying parties as specified on the report Cover and Section 2.5, or via letter of reliance extension, undertake consultation with legal counsel familiar with environmental and real estate law would be beneficial to the decision making process for the type and timing of a response action to identified RECs or Business Environmental Risks, if any.

Due to the limited nature of our review of potential Business Environmental Risks, the User(s) of the report should consider whether to take additional action(s) to further define, properly manage and/or mitigate potential BERs.

The User(s) assumes responsibility for business decisions that it makes utilizing information in the report provided by Thornburgh. Thornburgh shall not be responsible for any conclusions, interpretations and/or decisions of the User(s).

In the event of any conflict between the terms and conditions of this report and the terms and conditions of the consulting services agreement for this project, the consulting services agreement shall control.

3.0 USER PROVIDED INFORMATION

The term "User" is defined by ASTM as the party seeking to use Practice E 1527-21 to complete an environmental site assessment of the Subject Property; specifically, the entity or entities named on the front cover to which the report has been addressed.

3.1 Prior Environmental Reports/Documentation

The following prior environmental reports/documentation were provided:

Phase I Environmental Site Assessment, Tracts 31687, 31687-1, and 31687-2, Mount Vista Project, Riverside County, CA; prepared by GeoSoils Inc.; dated February 23, 2021. The report concluded the following:

> *"This assessment has revealed no evidence of recognized environmental conditions in connection with the subject site."*

Phase II Environmental Screening Characterization, Tracts 31687, 31687-1, and 31687-2, Mount Vista Project, Riverside County, CA; prepared by GeoSoils Inc.; dated September 10, 2021. GeoSoils collected and analyzed eight (8) soil samples for pesticides, herbicide, heavy metal, volatile organic compounds (VOCs), and total petroleum hydrocarbons (TPH). Analytical results were all non-detect or below regulatory screening levels.

The report concluded the following:

"Based on our observations and the environmental sampling conducted within Tracts 31687, 31687-1, and 31687-2, the laboratory analytical testing conducted for this study, and our analysis, the graded fill materials appear suitable for residential use applications from an environmental viewpoint. Based upon the information collected by GSI during this screening characterization study, further studies or action, other than the above, are not recommended from an environmental viewpoint, at this time."

3.2 User Responsibilities

The User must conduct inquiries required by 40 CFR 312.25, 312.28, 312.29, 312.30, and 312.31 to meet their responsibilities to qualify for one of the Landowner Liability Protections (LLPs) offered by federal regulations. The User should provide the following information to the environmental professional (Thornburgh). Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete. To assist the report User to meet these requirements, Thornburgh has provided a questionnaire of the required inquiries (User Questionnaire) with instructions to complete and return to Thornburgh. A completed questionnaire was not returned to Thornburgh.

Question	Yes/No	Detail
1. Search of Land Title and Judicial Records:	NR	

Question	Yes/No	Detail
Has the User performed a search of land title records and judicial records for environmental liens and/or Activity and Use Limitations (AULs) filed or recorded against the Subject Property?		
1.a. If yes to Question 1: Did the search identify any environmental liens or Activity and Use Limitations (AUL), such as engineering controls, land use restrictions or institutional controls that are in place at the Subject Property and/or have been filed or recorded against the Subject Property under federal, tribal, state or local law?	NR	
1.b. If yes to Question 1: Has the User provided the result of the search of land title and judicial records to Thornburgh?	NR	
2. Specialized knowledge or experience of the person seeking to qualify for the LLP: Do you have any specialized knowledge or experience related to the Subject Property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Subject Property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	NR	
3. Relationship of the purchase price to the fair market value of the Subject Property if it were not contaminated: Does the purchase price being paid for this property reasonably reflect the fair market value of the Subject Property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Subject Property?	NR	
4. Commonly Known or Reasonably Ascertainable Information: Are you aware of commonly known or reasonably ascertainable information about the Subject Property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example: (respond below)		
4.a. -Do you know the past uses of the Subject Property?	NR	
4.b. -Do you know of specific chemicals that are present or were once present at the Subject Property?	NR	
4.c. -Do you know of spills or other chemical releases that have taken place at the Subject Property?	NR	
4.d. -Do you know of any environmental cleanups that have taken place at the Subject Property?	NR	
5. The degree of obviousness of the presence or likely presence of contamination at the Subject Property, and the ability to detect the contamination by appropriate investigation: Based on your knowledge and experience related to the Subject Property are there any obvious indicators that point to the presence or likely presence of releases at the Subject Property?	NR	
6. Litigation/Administrative Proceedings/Government Notice: As the User of this ESA, do you have knowledge of (1) any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the Subject Property; (2) any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on or from the Subject Property; and (3) any notices from any governmental entity	NR	

Question	Yes/No	Detail
regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products.		
7. User's Reason/Purpose for Performing Phase I ESA:	Thornburgh understands that the assessment is being prepared in connection with a prospective real estate transaction involving the Property.	

The Client did not provide a title report to Thornburgh for review.

4.0 RECORDS REVIEW

4.1 Environmental Information

Physical Setting

Source	Discussion
USGS 7.5 minute Topographic Map Data: (EDR Geocheck-Physical Setting Source Addendum)	The Subject Property lies at an elevation of approximately 1,482 feet above mean sea level. An interpretation of topographic contour lines as well as a review of the EDR Geocheck-General Topographic Gradient suggested terrain sloping downward towards the west. There are no nearby downgradient bodies of water.
USDA SCS Soil Data: (EDR Geocheck-Physical Setting Source Addendum)	The soil type at the Subject Property is classified as "Exeter". This soil type is described as soils with a sandy loam surface texture that are well drained with moderately fine or fine textures.
Geologic Data: (EDR Geocheck-Physical Setting Source Addendum)	The geologic formation in the vicinity of the Property is described as plutonic and intrusive rocks of the Mesozoic Era, Cretaceous System, and Cretaceous Granitic Rocks Series.
Prior Env. Reports: (Section 3.1)	Prior environmental reports discussed in Section 3.1 indicated that the site was graded in 2007.
Additional Sources/ Data:	No additional physical setting sources or data was obtained.
Groundwater Flow Discussion:	Based on a review of the above information as well as observation of the site, the direction of shallow groundwater flow at the site is inferred to be towards the west.

Federal, State and Tribal Environmental Record Sources

Standard government records were obtained and reviewed primarily via a third-party regulatory database report, titled EDR Radius Map™ Report, prepared by Environmental Data Resources of Shelton, CT. The report provided government records from the standard environmental resources and within minimum search distances specified by Section 8.2.2-Table 2 of the ASTM E 1527-21; and were reviewed for the purpose of identifying potential RECs in connection with the Subject Property. Additional detail of the source and significance of the regulatory databases can be found in the regulatory database report in Appendix D. Thornburgh has also included discussion of records pertaining to the Subject Property from other government record sources not specifically listed under Table 2, as applicable.

Reported distances for adjoining property listings, if applicable, are approximate and indicative of the presence of a public roadway or right-of-way between the adjoining site and Property.

The reported gradients have been estimated based on a number of factors including but not necessarily limited to field observation, review of topographic maps, database listing details and/or site specific geo-technical data.

Limited analysis of the details of on-site, adjoining and vicinity database sites was conducted to identify potential sources of sub-surface vapor encroachment. This review was based on elements of the ASTM "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions" (ASTM E 2600-15); and also, on elements of "Methodology for Identifying the Area of Concern Around a Property Potentially Impacted by Vapor Migration from Nearby Contaminated Sources" (Buonicore, 2011-S-103-AWMA). Vicinity database sites pertaining to non-petroleum product releases within 1,760 feet of the Subject Property in the up-gradient direction, 365 feet of the Subject Property in the cross gradient direction and 100 feet of the Subject Property in the down gradient direction; and vicinity database sites pertaining to petroleum product releases within 528 feet of the Subject Property in the up-gradient direction, 165 feet of the Subject Property in the cross gradient direction and 100 feet of the Subject Property in the down gradient direction were reviewed to identify active contamination sites with the potential to affect subsurface vapor conditions at the Subject Property. The potential for vapor encroachment was considered in assessing whether a REC exists in connection with the Subject Property when reviewing applicable sites within those distances.

Regulatory database sites with active petroleum or non-petroleum releases that are considered to constitute a vapor encroachment condition (VEC) to the Subject Property, if any, are identified and discussed in this section.

The EDR Radius Map report is attached in Appendix D.

Subject Property Listings

The following listings of the Subject Property were identified:

Name/Address:	Mount Vista; Northeast side of Mapes Road and Tradewinds Drive
Database(s):	NPDES, CIWQS
Data Discussion:	The listings indicate a terminated stormwater permit for construction activities.
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Subject Property.
VEC Discussion:	Based on the available data, a VEC is not suspected.

Adjoining Property Listings

The following adjoining property listings were identified.

Name/Address:	None identified				
Database(s):					
Distance in feet:		Direction:		Gradient:	
Data Discussion:					
REC Discussion:					
VEC Discussion:					

Surrounding Area Findings

The following is a discussion of non-adjoining sites identified as located within the ASTM specified search distance surrounding the Subject Property. In order to keep this discussion informative and concise, discussion(s) is/are provided of the listed site(s) for each database category that appears most likely to impact the Subject Property based on distance, area topography and/or regulatory status. Listings of sites within the applicable search distances not specifically discussed below were reviewed and concluded not to be RECs in connection with the Subject Property or VECs based on various factors including distance, area topography, known or inferred groundwater flow direction and/or regulatory status.

Federal NPL				# of sites:	0	Search Distance:	1-mile
Notable Listing:	None						
Distance in feet:		Direction:		Gradient:			
Data Discussion:							
REC Discussion:							
VEC Discussion:							

Federal Delisted NPL				# of sites:	0	Search Distance:	½-mile
Notable Listing:	None						
Distance in feet:		Direction:		Gradient:			
Data Discussion:							
REC Discussion:							
VEC Discussion:							

Federal SEMS				# of sites:	0	Search Distance:	½-mile
Notable Listing:	None						
Distance in feet:		Direction:		Gradient:			
Data Discussion:							
REC Discussion:							
VEC Discussion:							

Federal SEMS Archive				# of sites:	0	Search Distance:	½-mile
Notable Listing:	None						
Distance in feet:		Direction:		Gradient:			
Data Discussion:							
REC Discussion:							
VEC Discussion:							

Federal CORRACTS		# of sites:	0	Search Distance:	1-mile
Notable Listing:	None				
Distance in feet:		Direction:		Gradient:	
Data Discussion:					
REC Discussion:					
VEC Discussion:					

Federal RCRA-TSD		# of sites:	0	Search Distance:	½-mile
Notable Listing:	None				
Distance in feet:		Direction:		Gradient:	
Data Discussion:					
REC Discussion:					
VEC Discussion:					

State/Tribal Superfund & Hazardous Waste		# of sites:	1	Search Distance:	1-mile
Notable Listing:	Highschool No. 3; Briggs Road and Pinacate Road				
Distance in feet:	5,012	Direction:	SSW	Gradient:	Cross
Data Discussion:	The listing indicates a status of "No Further Action" as of 03/19/2003. No confirmed contaminants of concern were identified.				
REC Discussion:	Based on the details provided above, a REC is not suspected in connection with the Subject Property.				
VEC Discussion:	Based on the available data, a VEC is not suspected.				

State/Tribal Landfilll / Solid Waste Disposal		# of sites:	0	Search Distance:	½-mile
Notable Listing:	None				
Distance in feet:		Direction:		Gradient:	
Data Discussion:					
REC Discussion:					
VEC Discussion:					

State/Tribal Leaking Storage Tanks		# of sites:	0	Search Distance:	½-mile
Notable Listing:	None				
Distance in feet:		Direction:		Gradient:	
Data Discussion:					
REC Discussion:					
VEC Discussion:					

State/Tribal Voluntary Cleanup Sites		# of sites:	0	Search Distance:	½-mile
Notable Listing:	None				
Distance in feet:		Direction:		Gradient:	
Data Discussion:					
REC Discussion:					
VEC Discussion:					

State/Tribal Brownfields				# of sites:	0	Search Distance:	½-mile
Notable Listing:	None						
Distance in feet:		Direction:		Gradient:			
Data Discussion:							
REC Discussion:							
VEC Discussion:							

Unmapped/Orphan List Sites	
Thornburgh has also reviewed a list of unmapped sites (a.k.a. "Orphan List" sites) indicated by the database report. Unmapped sites that were identified as falling within an applicable specific search distance or warranting discussion have either been discussed in the preceding tables or are detailed below:	
Notable Listings:	None

Additional Environmental Record Sources

Requests have been submitted to local, municipal and state agencies for pertinent records pertaining to the Subject Property, particularly with regard to potential environmental concerns such as petroleum storage tanks, storage and usage of hazardous substances and petroleum products, and/or known or suspected environmental contamination. Where applicable, internet research of government environmental regulatory databases was also conducted, as well as a general cursory internet search of the Subject Property address, for information indicative of a REC. The following table summarizes the findings of the research:

Source	Type	Outcome
EPA Envirofacts	Online search	Thornburgh searched online for records pertaining to the Property. No records pertaining to the property were found.
EPA MyProperty	Online search	Thornburgh searched online for records pertaining to the Property. No records pertaining to the property were found.
CA DTSC Envirostor database (www.envirostor.dtsc.ca.gov/public/)	Online search	Thornburgh searched online for records pertaining to the Property. No records pertaining to the property were found.
CA GeoTracker database (geotracker.waterboards.ca.gov/)	Online search	Thornburgh searched online for records pertaining to the Property. No records pertaining to the property were found.

Copies of obtained records referenced in the above table have been included in Appendix D.

4.2 Historical Research

Historical records have been compiled and analyzed for historical property information and developing a history of previous uses of the Subject Property, adjoining properties and

surrounding area. These records were reviewed for the purpose of identifying the likelihood of past uses having led to RECs in connection with the Subject Property.

The historical record sources listed below have been sought with the objective to document past uses of the Subject Property from the present back to the Subject Property's first developed use, or back to 1940, whichever is earlier. The term "developed use" includes agricultural use, placement of fill dirt and other uses that do not involve structures. Thornburgh has sought to review historical records in minimum intervals of five years.

Fire Insurance Maps

A Certified Sanborn Map Report was obtained from EDR for a review of published historical fire insurance maps for the Subject Property and surrounding area. The following is a summary of site uses and notable details depicted by the available maps:

Year(s)	Subject Property	Adjoining Properties
	(No coverage)	

A copy of the Certified Sanborn Map Report is attached in Appendix E.

City Directories

An EDR City Directory Abstract report was reviewed for data of prior occupants of the Subject Property's street address. The following is a generalized summary of the findings of city directory research for past occupants of the Subject Property.

Subject Property	
Use and/or Occupants(s)	Years
(No coverage)	

The EDR City Directory Abstract report was also reviewed for listings of prior occupants of the adjoining properties. The following is a generalized summary of the findings of city directory research for past occupants of the adjoining properties:

Adjoining Properties	
Use and/or Occupants(s)	Years
Residential	1995 – 2020

A copy of the EDR City Directory report is attached in Appendix E.

Historical Topographic Maps

Historical topographic maps of the Property and vicinity obtained from an EDR Historical Topographic Map report (as attached in Appendix E) have been reviewed. The following interpretation of land usage was made by review of the maps:

Year(s)	Subject Property	Adjoining Properties
1901	No features or uses depicted	No features or uses depicted.
1942, 1943	Small structure	Small structure, orchards
1953, 1967, 1973, 1979	Several small structures	Several small structures
2012, 2015, 2018, 2022	No features or uses depicted	No features or uses depicted.

Historical Aerial Photographs

Historical aerial photographs of the Property and vicinity obtained from an EDR Aerial Photo Decade Package report, as attached in Appendix E, were reviewed. The following interpretation of land usage was made by review of the aerial photographs:

Year(s)	Subject Property	Adjoining Properties
1938, 1949	Agricultural, associated residence	Agricultural, orchards, associated residences
1953, 1961, 1967, 1978	Agricultural, associated residence	Agricultural, associated residences
1985	Fallow agricultural land, associated residence	Fallow agricultural land, associated residences
1989, 1990, 1996, 2002, 2006	Fallow agricultural land	Residences
2009, 2012, 2016, 2020	Land graded for development, consistent with current conditions	Consistent with current conditions

EDR High-Risk Historical Records

The EDR Radius Map™ report, which is discussed in greater detail in Section 4.1 and attached in Appendix E, provided a search of proprietary databases of potential historical high-risk uses at or in the vicinity of the Subject Property. These databases include EDR Hist Cleaner – a database of property addresses with records of historical occupancy by suspected cleaners businesses; EDR Hist Auto – a database of property addresses with records of historical occupancy by potential automotive gas/filling stations and repair facilities; and EDR MGP- a proprietary database of sites historically occupied by manufactured gas plants and related facilities.

EDR Database	On-site Listings:	Adjoining/Off-Site Listings
EDR Hist Cleaner: (on-site/adjoining only)	None	None
EDR Hist Auto: (on-site/adjoining only)	None	None
EDR MGP: (1-mile distance)	None	None

Petroleum/Natural Gas Well Review

The historical record sources and the California Geologic Energy Management Division (CalGEM) online mapping application were reviewed for records of historical petroleum and/or natural gas wells at the Subject Property. No record of any historical petroleum/natural gas wells at or adjoining the Property was identified.

Per- and Polyfluoroalkyl Substances (PFAS) Review

A review of the Subject Property's historical usage did not indicate industries known or likely to have utilized PFAS. Additionally, no obvious fire incidents where PFAS containing materials may have been applied were noted either.

Additional Historical Data

Where applicable, the following additional pertinent historical data was obtained:

Interviews/Anecdotal:	No additional pertinent historical data was obtained.
Local Gov't Records:	No additional pertinent historical data was obtained.
Prior Env. Reports: (Section 3.1)	Prior environmental reports reviewed as part of this assessment, as detailed in Section 3.1, did not provide additional pertinent detail of historical site usage.
Site Observations:	Indications of historic uses of the Property or adjoining properties were not observed during the site reconnaissance.
Other Sources:	No additional pertinent historical data was obtained.

Summary of Historical Subject Property Uses

The following table presents a summary of the types and approximate date ranges of identified prior uses of the Subject Property:

Date Range	Use
Unk to 1978	Agricultural land
Unk to 1985	Residence
1989 to 2002	Fallow agricultural land
2007 to present	Undeveloped, graded land

Summary of Historical Adjoining Property Uses

The following table presents a summary of the types of identified prior uses of the adjoining properties:

Date Range	Use
Unk to present	Residential
Unk to 1949	Orchards
Unk to 1978	Agricultural land

Historical Records Data Failure

The ASTM E 1527-21 standard defines data failure as failure to achieve the historical research objective even after reviewing the standard historical sources that are reasonably ascertainable and likely to be useful. The objective is to identify all obvious uses of the Subject Property from the present, back to the Subject Property's first developed use, or back to 1940, whichever is earlier. Furthermore, records of historical use/conditions were sought in intervals no less than approximately five years, unless the Subject Property conditions appear unchanged over a longer interval. If encountered, data failure and its significance as a data gap is discussed below:

Objective	Met?	Detail	Significant?
First developed use/date determined?	Yes	The earliest documented use of the Property was agricultural land circa 1938.	NA
Record sources at 5-year intervals back to 1940 or first developed use?	No	Historical record gaps exceeding five years were encountered. However, significant site-use changes or undiscovered site uses appear unlikely to have occurred during the record gaps.	No
All obvious prior uses identified?	Yes	See Summary of Identified Past Uses of this section.	NA

Please refer to Section 2.3 for additional discussion of data gaps and their significance to the findings of the assessment.

Historical Uses REC Discussion

The review of historical records did not indicate evidence of a REC in connection with the Subject Property.

The Subject Property was historically utilized for agricultural purposes. Given subsequent site redevelopment and limited soil testing conducted by GeoSoils, the potential for concentrated pesticides in shallow soils is considered to be low and therefore a REC is not suspected.

5.0 INTERVIEWS

5.1 Interviews with Owners, Operators and Occupants

Current Owner

Name	Contact Name	Affiliation	Interview Type
Corona Dev South			
Interview Date:			
Interview Outcome/Findings:			
Attempts were made via telephone and email (environmental questionnaire); however, no response was received.			

Key Site Manager/Operator

Name	Company/Title	Yrs @ Site	Interview Type
Interview Date:			
Interview Outcome/Findings:			
See above			

Occupant(s)

Name	Company/Title	Yrs @ Site	Interview Type
Interview Date:			
Interview Outcome/Findings:			
No occupants were interviewed.			

Prior Owners/Operators/Occupants

Name	Company/Title	Yrs @ Site	Interview Type
Interview Date:			
Interview Outcome/Findings:			
No prior owners, operators or occupants were interviewed.			

Neighboring Property Owner/Occupants

Name	Company/Title	Yrs @ Site	Interview Type
Interview Date:			
Interview Outcome/Findings:			
The Subject Property was not an abandoned property with evidence of unauthorized uses or uncontrolled access; therefore, interviews with adjoining or nearby property owners or occupants were not conducted.			

5.2 Interviews with State and/or Local Government Officials

State and/or local governmental officials have been interviewed to obtain information of potential RECs in connection with the Subject Property. Many government agencies and their officials require submitting written requests for records in order to respond. The details in Section 4.1 list the various state and local government agencies contacted as part of this assessment, and the outcome of each inquiry. In addition, the details of regulatory database research in Section 4.1 may have included details of interviews with officials pertinent to government records review and identification of RECs.

Additional interviews of government officials not previously detailed in Sections 4.1 are discussed below, if applicable.

Name	Agency Name/Title	Interview Type
Interview Outcome/Findings:		
No additional local/state government officials were interviewed.		

6.0 SITE RECONNAISSANCE

6.1 Methodology and Limiting Conditions

A site reconnaissance was conducted to collect information and make observations to help identify RECs in connection with the Subject Property. This included visual and/or physical observations of the Subject Property and its structures, adjoining properties as viewed from the Subject Property boundaries and the surrounding area based on visual observations from adjoining public thoroughfares and accessed Subject Property structures. Subject property building exteriors were observed at ground level, unless otherwise indicated. Where applicable, building interiors were accessed and observed to the extent they were made safely accessible with the cooperation of the site escort.

Site Inspection Personnel:	Mr. Mathew Cadovec
Escort Name/Company:	Unescorted
Inspection Date:	May 29, 2025
Weather Conditions:	Sunny, 70ºF

Significant Inaccessible Areas

No significant areas of the Property inaccessible at the time of the inspection were noted.

Significant Limiting Site Conditions

The following significant limiting site conditions were noted at the time of the site reconnaissance:

The presence of thick vegetation limited the assessor's ability to access and inspect portions of the Subject Property exterior for evidence of RECs.

6.2 General Site Setting

Site and Vicinity Characteristics

Abutting Roadways:	Mapes Road to the south; Tradewinds Drive to the west
Current Property Use:	Undeveloped graded land
Evidence of Past Property Uses:	None observed.
Evidence of Past Adjoining Property Uses:	None observed.
-Surrounding Area Uses:	Residential

Current Adjoining Property Uses

Dir	Street Address	Description
N	28481 Mahogany Lane	Residential
E	28538 Mapes Road	Residential
S	28050 – 28485 Mapes Road	Residential
W	Tradewinds Drive	Residential

No visual observations indicative of a potential environmental concern were noted on the adjoining properties.

Topographic Characteristics

Terrain:	Flat to gently sloping
Direction of Downward Slope:	Towards the west
On-site Water Bodies:	None observed
Other Significant Features:	None observed

General Description of Structures and Improvements

Buildings:	None
Approx. Building Size:	N/A
Approx. Year Built:	N/A
Number of Stories:	N/A
Basement/Subgrade Levels:	N/A
Exterior Ground Cover:	Native grasses and shrubs
Ancillary Structures:	None
Sources of Heating & Cooling:	N/A
Potable Water/Sewage Disposal:	No potable water or sewer services were present at the Subject Property.

6.3 Site Features and Conditions

Storage/Usage of Hazardous Substances and Petroleum Products

The following approximate number of containers, and general description of their contents, capacity, container types and storage conditions, were observed to be stored and/or used at the Subject Property:

Occupant	Substance	Qty/Container Type	Storage Conditions
None identified			

Bulk Petroleum/Hazardous Material Storage Tanks

The following storage tanks for bulk petroleum or hazardous material storage were identified or reported to be present; or are suspected to be present based on visual observations:

AST/UST	Product	Capacity	Construction	Year Installed	Status	Location/Notes
None identified						

Strong, Pungent or Noxious Odors and their Sources

No strong, pungent or noxious odors were noted at the Subject Property.

Standing Surface Water/Pools & Sumps

No standing water, pools or sumps containing liquids likely to be hazardous substances or petroleum products were noted.

Drums, Totes and Intermediate Bulk Containers

No hazardous substance or petroleum product drums, totes or intermediate bulk containers were noted.

One 55-gallon drum was observed onsite, however upon inspection, the drum appeared to have been filled with trash/nuisance dumping. No hazardous materials were observed in or around the drum, and no evidence of stained soil or distressed vegetation was observed. Accordingly, this drum is not considered to be a REC in connection with the Subject Property.

Unidentified Substance Containers

No unidentified substance containers suspected of containing hazardous substance or petroleum product were noted.

PCBs in Oil Filled Electrical/Hydraulic Equipment

No oil-filled electrical or hydraulic equipment was identified at the Subject Property.

Stains or Corrosion on Floors, Walls or Ceilings

No building structures were present at the Property.

Drains and Sumps

No building structures were present at the Property.

Pits/Ponds/Lagoons

No pits, ponds or lagoons were identified in connection with waste treatment or disposal.

Stained Soil, Pavement/Stressed Vegetation

No stained soil, pavement or stressed vegetation was observed.

On-Site Solid Waste Disposal/Fill Material

The following evidence of on-site disposal of trash, construction debris, demolition debris or other solid waste was observed: Nuisance trash dumping was observed throughout the Subject Property; although not considered a REC, the trash should be properly disposed of.

Wastewater

No sanitary sewer discharges were identified at the Subject Property.

Storm water runoff at the Subject Property is discharged off-site to local streams/drainage systems via overland flow.

No additional waste water discharges were identified at the Subject Property.

Septic Systems/Cesspools

No septic systems or cesspools were identified at the Subject Property.

Wells

No wells (including any dry wells, irrigation wells, injection wells, abandoned wells, or other wells) were identified at the Subject Property.

Railroad Spurs

No railroad spurs were identified on the Subject Property.

7.0 BUSINESS ENVIRONMENTAL RISKS

In accordance with the contract agreement for this assessment, Thornburgh has performed cursory reviews of several potential Business Environmental Risks (also known as "Non-Scope Considerations"). The ASTM E 1527-21 standard defines the term business environmental risk (BER) as, *"a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice."*

7.1 Asbestos-Containing Material (ACM)

The contracted scope of work included a cursory visual screening of the accessed portions of buildings at the Subject Property built prior to 1990 for suspect asbestos containing materials (ACM). The information provided in this section, where applicable, is limited to identification of potential suspect materials in the readily accessible and observed areas of the building, and their general condition. This is not intended to be a comprehensive survey for the presence of ACM, and no testing has been conducted.

No buildings were present at the Property.

7.2 Lead-Based Paint

The contracted scope of work included a cursory visual screening of the condition of painted surfaces in the accessed areas of residential buildings/units built prior to 1978. This is not intended to constitute a comprehensive survey for LBP or potential lead hazards, and no testing has been conducted.

No residential buildings were present at the Property.

7.3 Radon

Data compiled by the USEPA, as summarized by the regulatory database report, indicated that the Subject Property is located in an area classified as Zone 2 or 'moderate risk' area for radon. Radon testing was not included in the scope of this assessment.

7.4 Mold/Microbial Damage

The contracted scope of work included a cursory visual screening of the accessed areas of the building for evidence of significant damage to building materials and finishes as result of moisture intrusion and/or mold/microbial growth. Given the absence of building structures at the Property, mold/microbial growth is not considered to be a significant environmental concern.

7.5 NWI Mapped Wetlands

The US Fish and Wildlife National Wetlands Inventory Wetland Mapper fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/ was reviewed for indications of jurisdictional wetlands at or immediately adjoining the Subject Property. The scope of work for this assessment excluded a visual determination of regulated wetlands at the Subject Property. It is emphasized that, regardless of the data reviewed via the NWI Wetlands Mapper, a field delineation of regulated wetlands by a qualified professional would be warranted to determine the presence or absence of regulated wetlands at the Subject Property.

The review did not indicate regulated wetland areas on the Property.

7.6 Lead in Drinking Water

The scope of work for this assessment included a review of the potential for elevated levels of lead in drinking water by determining the source of the drinking water supply and a review of available compliance or testing data.

No potable water service was identified at the Property.

8.0 REFERENCES

ASTM International, "Designation E 1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process"; ASTM, West Conshohocken, PA, 2021.

ASTM International, "Designation E 2600-15-Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transaction", ASTM, West Conshohocken, PA, 2015.

United States Environmental Protection Agency (USEPA), "EPA Map of Radon Zones by U.S. County, EPA 402/F19/004", www.epa.gov/radon/epa-map-radon-zones, 2025.

U.S. Fish and Wildlife Service – National Wetlands Inventory, "Wetlands Mapper", fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/ 2025.

Environmental Data Resources Inc. (EDR), "The EDR Radius Map™ Report with GeoCheck®", EDR, Sheldon, CT, 2025.

EDR, "The EDR-City Directory Abstract", EDR, Sheldon, CT, 2025.

EDR, "The EDR Aerial Photo Decade Package", EDR, Sheldon, CT, 2025.

EDR, "Certified Sanborn Map Report", EDR, Sheldon, CT, 2025.

EDR, "EDR Historical Topo Map Report with QuadMatch™", EDR, Sheldon, CT, 2025.

Buonicore A., "Methodology for Identifying the Area of Concern Around a Property Potentially Impacted by Vapor Migration from Nearby Contaminated Sources, Paper 2011-A301-AWMA", The Buonicore Group, Milford, CT, 2011.

Phase I Environmental Site Assessment, Tracts 31687, 31687-1, and 31687-2, Mount Vista Project, Riverside County, CA; GeoSoils Inc.; February 23, 2021.

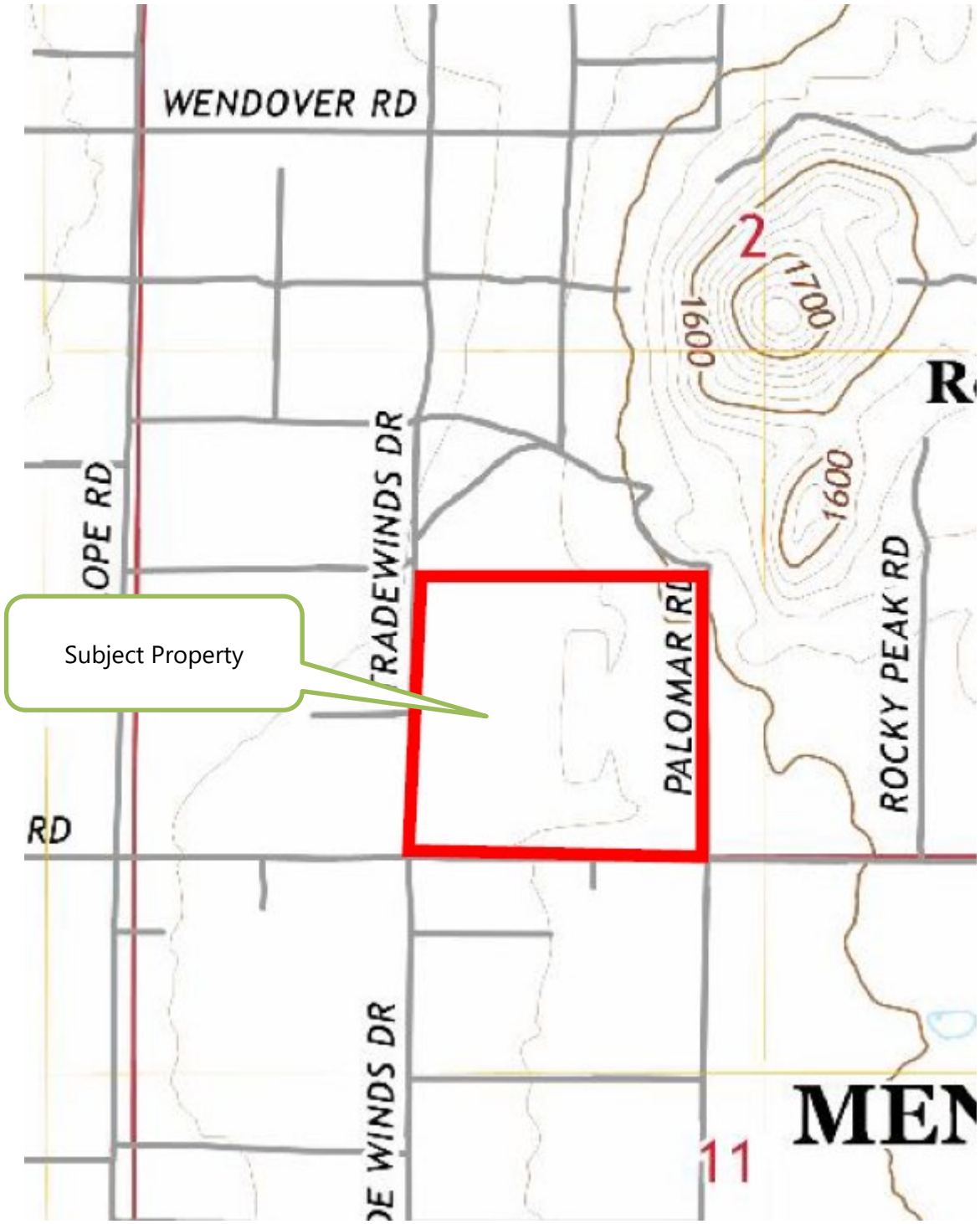
Phase II Environmental Screening Characterization, Tracts 31687, 31687-1, and 31687-2, Mount Vista Project, Riverside County, CA; GeoSoils Inc.; September 10, 2021.

9.0 APPENDICES

Appendix A	Site Diagram / Vicinity Map
Appendix B	Site Photographs
Appendix C	Questionnaires / User Provided Information
Appendix D	Regulatory Records
Appendix E	Historical Records
Appendix F	Other Documents / Lab Results
Appendix G	Project Personnel Qualifications

APPENDIX A

MAPS / DIAGRAMS



THORNBURGH CONSULTING, INC.

Figure 1: Site Vicinity Map

NEC of Tradewinds Drive and Mapes Road
Romoland, California

N

SCALE: (NOT TO SCALE)

PROJECT No.: 0161



THORNBURGH CONSULTING, INC.

Figure 2: Site Diagram

NEC of Tradewinds Drive and Mapes Road
Romoland, California

N

SCALE: (NOT TO SCALE)

PROJECT No.: 0161

APPENDIX B

SITE PHOTOGRAPHS

SITE PHOTOGRAPHS



View of Subject Property facing northeast



View of Subject Property facing west



View of central portion of Subject Property



View of southern portion of Subject Property



View of western boundary of Subject Property



View of nuisance waste dumping

NEC of Tradewinds Drive and Mapes Road,
Romoland, California

Project No.:	0161

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SITE PHOTOGRAPHS



View of Subject Property facing east



View of Subject Property facing west



View of Subject Property facing south



View of Subject Property facing west



View of Subject Property facing north



View of Subject Property facing north

NEC of Tradewinds Drive and Mapes Road,
Romoland, California

Project No.:	0161

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APPENDIX C

QUESTIONNAIRES/USER PROVIDED DOCUMENTATION

PHASE I ENVIRONMENTAL SITE ASSESSMENT
TRACTS 31687, 31687-1, AND 31687-2,
MOUNT VISTA PROJECT, ROMOLAND AREA,
RIVERSIDE COUNTY,
CALIFORNIA 92585

FOR

WATERMARKE HOMES, LLC
1505 SOUTH D STREET, SUITE 200
SAN BERNARDINO, CALIFORNIA 92408

W.O. E7563-SC FEBRUARY 23, 2021

GeoSoils, Inc.

Geotechnical • Geologic • Coastal • Environmental

18451 Collier Avenue, Suite A • Lake Elsinore, California 92530 • (951) 471-0700 • FAX (951) 471-0702 • www.geosoilsinc.com

February 23, 2021

W.O. E7563-SC

Watermarke Homes, LLC
1505 South D Street, Suite 200
San Bernardino, California 92408

Attention: Mr. Gary Weintraub

Subject: Phase I Environmental Site Assessment, Tracts 31687, 31687-1, and 31687-2, Mount Vista Project, Romoland Area, Riverside County, California 92585

Dear Mr. Weintraub:

GeoSoils, Inc. (GSI) is pleased to present the results of our Phase I Environmental Site Assessment (ESA) of the subject site in the Romoland Area, Riverside County, California. This study was conducted for the purpose of assessing the potential for the presence, to the extent practical, of hazardous materials/waste and/or petroleum contamination (i.e., recognized environmental conditions [RECs]) at the subject site.

EXECUTIVE SUMMARY

Based upon the information obtained during the course of this assessment, GSI presents the following summary of findings and conclusions:

- Based upon our site reconnaissance of the property and review of historical land use utilizing readily available, site reports (previously performed) and historical photographs, a small structure was present at the subject site by 1938. By 1949 multiple small structures were present, and additional structures were present in 1953. By 1967 the northeastern portion of the site appeared to be used for dry farming. Few buildings remained in the southeast portion of the subject site in 1985, and by 1989 all structures had been removed. A long driveway had been constructed from the southern property boundary to the center of the site. What appeared to be soil stockpiles were present in the 1989 and 1990 aerial photographs. The subject site was graded in 2007, and has remained in a graded, undeveloped state since that time.

- Based upon our site reconnaissance on February 11, 2021, the subject site is currently vacant, graded land with scattered trash discarded household waste. Two bags that appeared to contain boar's heads were also present. There was no readily visible evidence of adverse land usage at the subject site. The subject site is slated for redevelopment with single-family residences.

The subject site is surrounded by residential and rural-residential uses and vacant land. A horse farm is present on the adjoining property to the east. Mapes Road borders the site to the south, Palomar Road borders the site to the east and Tradewinds Drive borders the site to the west. There were no readily visible indications of adverse land usage observed on the surrounding properties that could contribute to significant hazardous waste/materials and/or petroleum contamination to the subject site, provided lawful procedures are being followed for operations, storage, and for disposal of wastes.

- One transformer was observed along the north side of the western property boundary, and one was observed on the adjoining property to the east, across Palomar Road. The transformers appeared to be in good condition with no evidence of leaks; therefore, they are not considered an environmental concern.

- Groundwater has not been encountered to a maximum explored depth of 39.5 feet below ground surface (bgs), and seepage did not occur during testing for an existing storm water basin. Based on review of data from nearby wells, depth to groundwater is anticipated to be from approximately 43 to 79 feet bgs. Surface water was observed inn the detention basin on the northwest portion of the subject site, and ponded water was observed to the north of the basin. The local groundwater gradient is estimated to be in a west-northwesterly direction.

- There are three mapped sites reported in the agency database radius search; one of which was located on the subject site. Based upon their status, nature, and/or distance, these potential risk sites are not considered RECs.

- A Vapor Encroachment Survey (VES) was performed in general accordance with ASTM E2600 to evaluate the potential for soil vapors encroachment on the subject site from potential risk sites located within the default radius of the subject site. The survey was performed using a computer application provided by EDR. Due to factors such as: 1) a lack of potential contaminants of concern; 2) distance from the subject site; 3) groundwater flow conditions; 4) soil/geologic conditions; and/or 5) case status, no vapor encroachment concerns exist in connection with the subject site.

- There does not appear to be a documented and/or reported commercial or industrial facility, or a municipal landfill, within a 1-mile radius of the subject site that represents a significant environmental concern, provided lawful activities are followed.

CONCLUSIONS SUMMARY

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 of Tracts 31687, 31687-1, and 31687-2, the property. Any exceptions to, or deletions from, this practice are described in the

"EXCEPTIONS" section preceding the "CONCLUSIONS AND RECOMMENDATIONS" section of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject site.

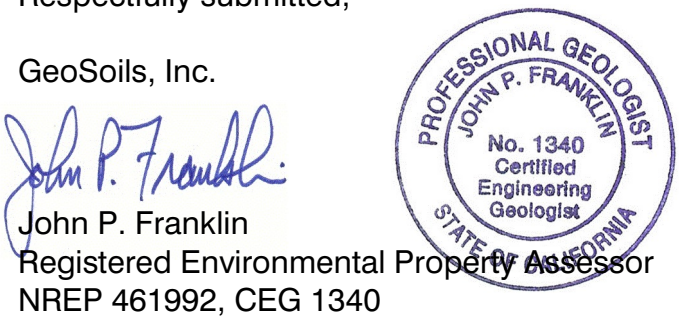
The ASTM practice E 1527-13 is intended, by the ASTM Committee E 50, to be a general guideline standard and used on a voluntary basis. Based upon the scope of work completed for this assessment, the uncertainty of potential environmental concerns, however, cannot be eliminated.

GSI 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 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all the appropriate inquiries in general conformance with the standards and practices set forth in 40 CFR Part 312. Resumes of GSI personnel who worked on this project are included in Appendix F.

We appreciate the opportunity to be of service to you. If you have any questions pertaining to this report or any other matter, please do not hesitate to call us at (760) 438-3155.

Respectfully submitted,

GeoSoils, Inc.



John P. Franklin
Registered Environmental Property Assessor
NREP 461992, CEG 1340

JPF/mn

Distribution: (1) Addressee (pdf via email)

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
TRACTS 31687, 31687-1, AND 31687-2,
MOUNT VISTA PROJECT, ROMOLAND AREA,
RIVERSIDE COUNTY, CALIFORNIA 92585

INTRODUCTION

Purpose and Scope

In accordance with our proposal and the Client's (Watermarke Homes, LLC) authorization, GeoSoils, Inc. (GSI) has completed this Phase I Environmental Site Assessment (ESA) report covering the subject site, the location of which is illustrated in Figure 1 (Site Location Map). The subject site is described as:

Mount Vista Project
Tracts 31687, 31687-1, and 31687-2
Romoland Area, Riverside County, California 92585

This ESA was prepared for the purpose of assessing, to the extent practical, the potential for recognized environmental conditions from past or present uses at the subject site. A recognized environmental condition is defined by ASTM Standard E 1527-13 as:

The presence or likely presence, of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not recognized environmental conditions.

The scope of work included:

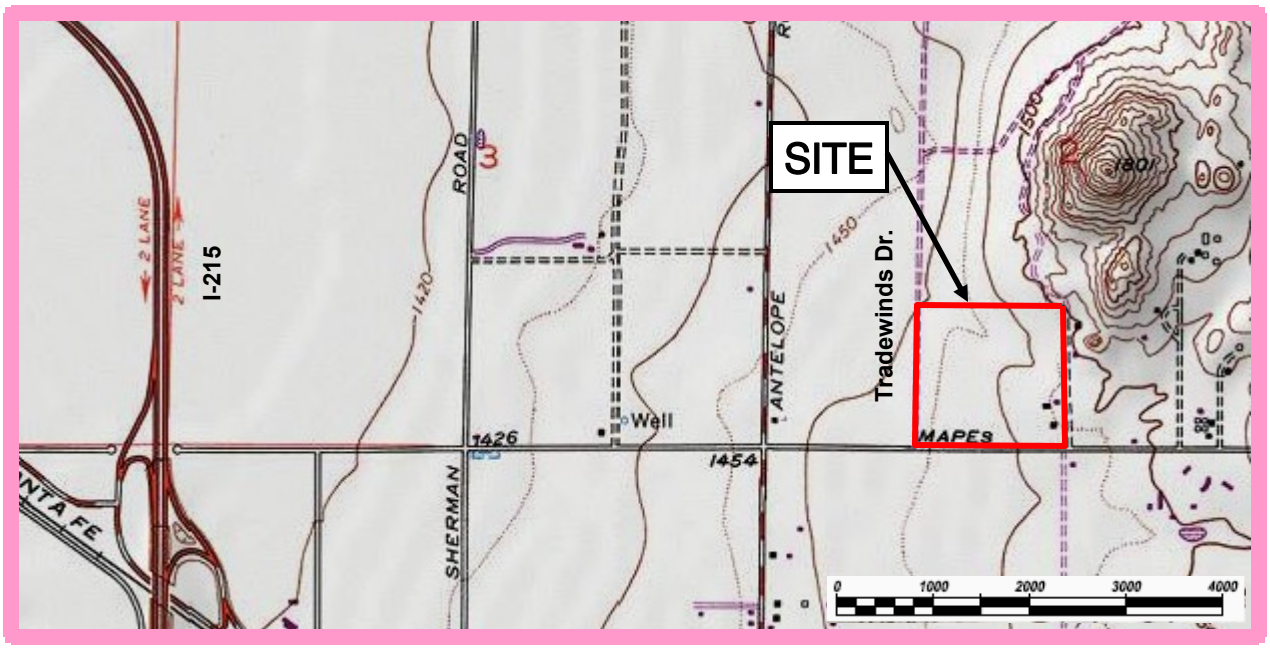
1. A review of the subject site's geologic and hydrogeologic setting;

2. A review of historical maps to assess the subject site's historical land utilization and for indications of potential contamination or sources of contamination;

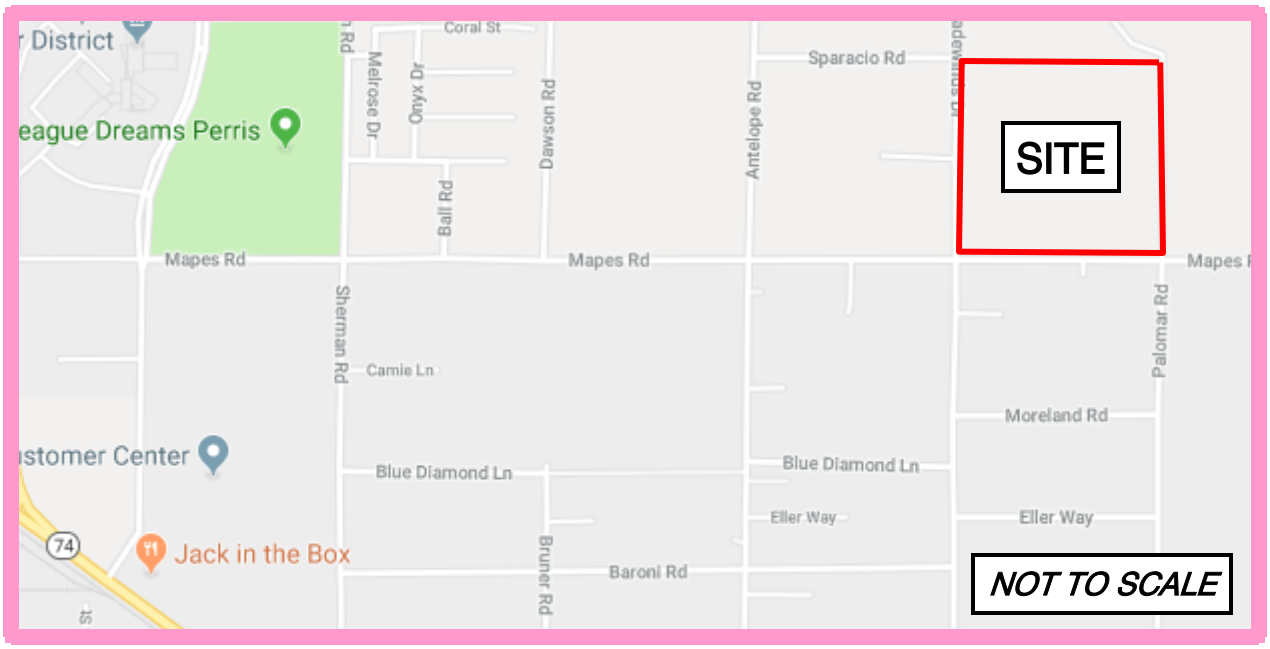
3. A reconnaissance of the subject site and surrounding areas to visually assess current utilization and for indications of potential surface contamination (Appendix B);

4. A review of government database documents concerning available pertinent environmental information for the subject site (Appendix C); and,

5. Preparation of this report which relates the findings of these studies and presents GSI's conclusions and recommendations.



Base Map: TOPO! Copyright 2003 National Geographic, USGS Romoland Quadrangle, California -- Riverside Co., 7.5 Minute, dated 1953.



Base Map: Google Maps, Copyright 2021, Map Data Copyright 2021 Google

This Map is copyrighted by Google 2021. It is unlawful to copy or reproduce all or any part thereof, whether for personal use of resale, without permission. All rights reserved

GeoSoils, Inc.

W.O. *E7563-SC*

SITE LOCATION MAP

Figure 1

Limitations and Exceptions

This study does not include any of the following:

- Subsurface or geotechnical evaluation of the subject site;
- Soil or water sampling and analyses, including potable water sources;
- Identification or evaluation of wetlands;
- Identification or evaluation of biological concerns;
- Consideration of possible future contamination of the subject site from adjacent or surrounding facilities or properties, or derailment;
- Asbestos, methane, radon gas, mold, lead paint, sludge,or electromagnetic evaluation(s);
- Air quality evaluations; and,
- Mold evaluations.

Terms and Conditions

This report is intended for the use of the Client. The contents should not be relied upon by any party other than the aforementioned without the express written consent of GSI.

This report does not consider possible future contamination of the subject site from adjacent or surrounding facilities or properties. All judgments concerning adjoining properties apply only to conditions observed during the time of the onsite reconnaissance.

SITE DESCRIPTION AND RECONNAISSANCE OBSERVATIONS

Site/Project Description

The subject site is located on the north side of Mapes Road between Tradewinds Drive and Palomar Road in the unincorporated Romoland area of Riverside County, California (see Figure 1). The property consists of a square parcel totaling approximately 38 acres. The site has been graded and a detention basin is present in the northwest portion. No other improvements were observed. Topographically, the majority of the subject site is flat, however several steep slopes toward the west area present. Site elevations range from a low of approximately 1,448 feet above mean sea level (MSL) within the detention basin, to a high of approximately 1,507 feet above MSL. Drainage across the site is primarily to the northwest by sheetflow along established undeveloped interior roadways; however, is locally variable depending on relief.

Proposed Development

Proposed site development is anticipated to consist of 65 one- and two-story residential homes and one detention/infiltration basin.

RECENT OBSERVATIONAL RECONNAISSANCE

Onsite and Border Zone Reconnaissance

On February 11, 2021, a GSI representative visited the subject site to assess current site utilization and observe for signs of possible contamination, which included walking and driving the site and remote sensing the surrounding properties from the subject site and public thoroughfares. Features observed during the site reconnaissance are described below and illustrated on the Site Map (see Figure 2) which uses a Google image as a base. Photographs of the subject site are presented in Appendix B. The photograph locations and viewpoints are also indicated on Figure 2 (Site Map).

The weather during the site reconnaissance was overcast and warm. There were no visibility limitations due to weather conditions.

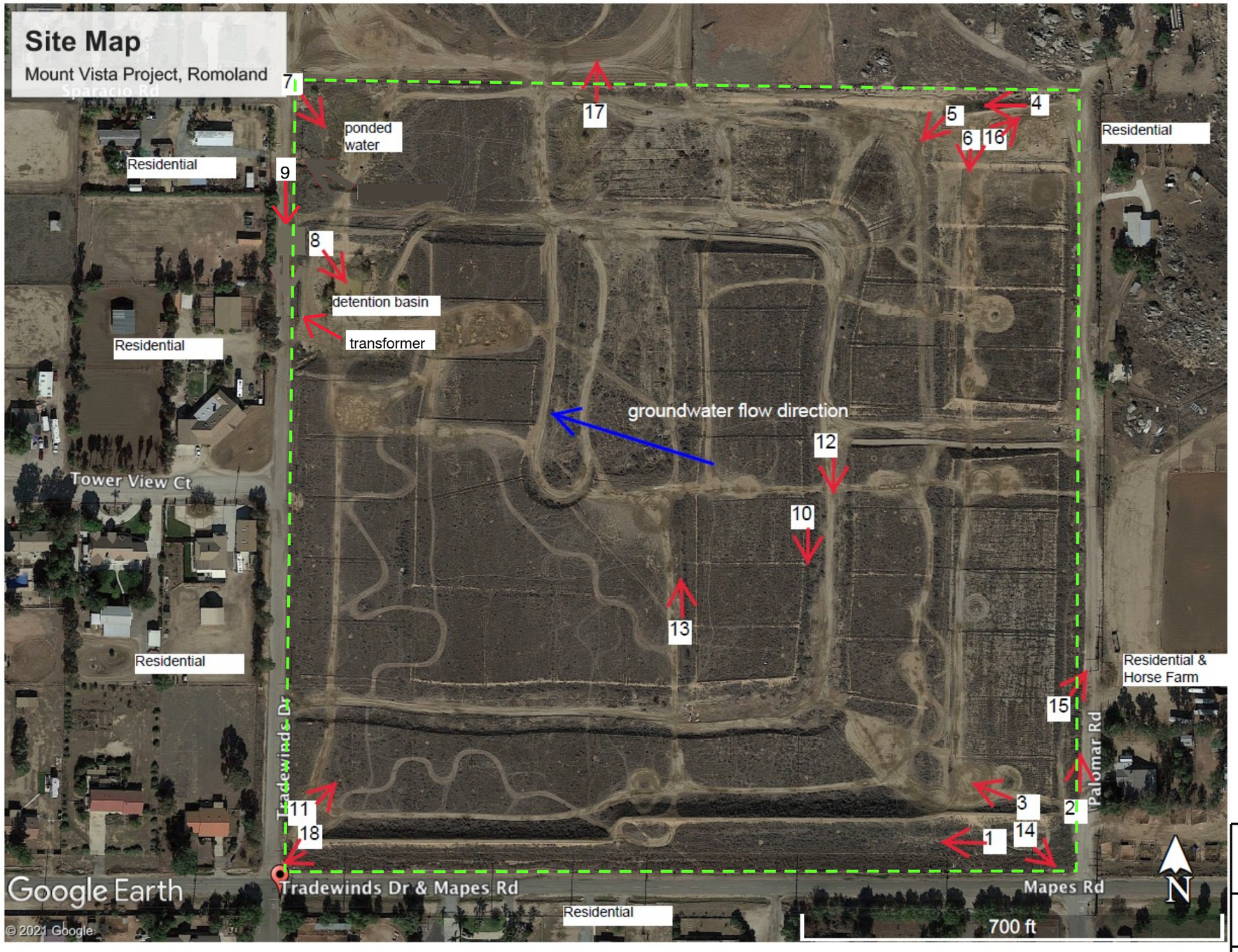
- **Buildings on the Property, and General Usage** – The subject site is currently vacant, graded land. Minor scattered trash was observed throughout the subject site and discarded household waste were present in several areas. What appeared to be discarded boar's heads were present in two trash bags observed in the southern portion of the site. Two small ponding areas were present in the northwestern portion of the site.

- **Drum Storage** – GSI did not observe any drums stored at the subject site. Therefore, drum storage is not considered an REC.

- **Storage Tanks** – GSI did not observe readily visible evidence of the presence or former presence of above-ground or underground storage tanks. Therefore, storage tanks are not an REC.

- **Hazardous Chemical/Material Use, Storage, and Disposal** – GSI did not observe readily visible evidence of the presence or former presence of hazardous chemical/material use, storage, or disposal. Therefore, hazardous chemicals/materials are not an REC.

- **Potential Sources of Polychlorinated Biphenyls (PCBs)** – GSI observed one pole-mounted transformer on the north side of the western property boundary, and one offsite, across Palomar Road. The transformers appeared to be in good condition with no signs of spills or leaks. The transformers are owned by Southern California Edison, the local power authority; thus, if the transformers were to leak it should be the responsibility of the utility provider to mitigate. Based on aerial photograph review, the utility lines on the east side of the subject site were constructed prior to 1978; therefore, the offsite transformer may contain PCBs. Residential properties to the west of the north side of the subject site were constructed after 1985, therefore it is unlikely that the onsite transformer contains



Base Map: Google Earth Pro, 2021

GSI LEGEND

APPROXIMATE BOUNDARY OF PROPERTY UNDER THE PURVIEW OF THIS REPORT

18 → PHOTOGRAPH NUMBER AND APPROXIMATE LOCATION WITH ARROW SHOWING DIRECTION OF VIEW

ALL LOCATIONS ARE APPROXIMATE

This document or e-file is not part of the Construction Documents and should not be relied upon as being an accurate depiction of design.

GeoSoils, Inc.

SITE MAP

Figure 2

W.O. E7563-SC	DATE: 2/21	SCALE: See Bar Scale

PCBs. Based on the good condition of thetransformers, they are not expected to impact the subject site and are not considered an REC.

- **Electromagnetic Evaluation** – The evaluation of electric and magnetic fields (EMF) onsite is beyond this current scope of work. There are no power lines on the subject site that could be the source of electric and magnetic fields (EMF), however high-tension lines were observed on the adjoining properties to the east and southeast. Based upon a public information booklet by a southern California power company, magnetic fields from transmission lines get weaker with distance. Magnetic fields are reported to vary from 1 to 300 milliGauss (mG) at the edge of a right-of-way. For comparison purposes, magnetic fields range from 0.1 mG to 8 mG on microwave ovens or televisions at a distance of 39 inches. Although there is some speculation that EMFs represent a risk to human health, medical and scientific research has yet to determine exposure levels related to health risks. Studies (to date) have been inconclusive as to the possible dangers from EMFs. Additional information is available from Southern California Edison (SCE), the United States Environmental Protection Agency, The National Academy of Sciences and/or the American Medical Association.

- **Utility Structures, Roads, Disposal Systems, Water Wells** – No structures are present on the subject site. Access to the site is via dirt roads off of Palomar Road and Tradewinds Drive, on the east and west sides of the site, respectively. As noted previously, a detention basin is present in the northwest portion of the subject site.

- **Hydraulic Lifts** – GSI did not observe readily visible evidence of hydraulic lifts on the subject site. Thus, hydraulic fluids associated with hydraulic lifts are not an REC.

- **Use, Storage, and Disposal of Petroleum Products** – GSI did not observe readily visible evidence of disposal of petroleum products at the subject site. Therefore petroleum products are not considered an REC.

- **Paint Booths** – GSI did not observe readily visible evidence of paint booths on the subject site during our site reconnaissance. Thus, paint booths are not considered an REC.

- **Battery Storage and Disposal** – GSI did not observe readily visible evidence of battery storage and disposal on the subject site during our site reconnaissance. Thus, battery storage and disposal are not considered an REC.

- **Vehicle/Equipment Maintenance Areas** – GSI did not observe vehicle/equipment maintenance or storage areas. Thus, vehicle/equipment maintenance or storage areas are not considered an REC.

- **Sumps** – GSI did not observe readily visible evidence of unlined sumps on the subject site. Therefore, sumps are not considered an REC.

- **Clarifiers** – GSI did not observe readily visible evidence of clarifiers on the subject site. Therefore, clarifiers are not considered an REC.

- $**Oil/Water Separators** – GSI did not observe readily visible evidence of oil/water separators on the subject site. Thus oil/water separators are not considered an REC.

- **Septic Systems** – Based on historical aerial photographs and topographic maps, structures were previously located in the southeast portion of the subject site from at least 1938 through 1985. Given the time period that the structures were present, it is possible that a septic system existed onsite. Septic systems are not typically considered an REC.

- **Floor Drains** – Buildings were not present at the subject site. Therefore, floor drains are not considered an REC.

- **Waste Pits, Ponds, and Lagoons** – GSI did not observe readily visible evidence of waste pits, ponds and lagoons on the subject site. Therefore, waste pits, ponds, and lagoons are not considered an REC.

- **Dry Cleaning Operations** – GSI did not observe readily visible evidence of dry cleaning operations at the subject site. Thus, dry cleaning is not considered a REC.

- **Wastewater** – Wastewater was not observed onsite. Therefore, wastewater is not considered an REC.

- **Environmental Releases and Spills** – GSI did not observe readily visible evidence of environmental releases or spills. Therefore, releases and spills are not considered an REC.

- **Asbestos Containing Materials (ACMs) and Lead-Based Paints (LBPs)** – No structures were observed at the subject site; therefore, ACMs and LBPs are not considered environmental concerns.

- **Methane and Nitrates** – Methane and nitrate evaluations were not a part of our scope of work for this study.

- **Mold** – No structures were present onsite; therefore, mold is not considered an environmental concern.

- **Radon** – A detailed radon survey was not a part of this ESA; however, the potential for radon gas accumulation is low in southern California. A recent publication by the American Society of Testing and Materials (ASTM) suggests that the Pacific coastal range areas are expected to have a low to moderate radon potential. In addition, a study reported by the Los Angeles Times (Nagda, 1994) and California Environmental Protection Agency (CalEPA) suggested a very localized geographic radon problem within the state. California school officials found virtually no elevated radon levels in public schools (Nagda, 1994). Because of this, and due to the generally mild climate in southern California, the potential for radon gas accumulation is not considered a significant environmental threat.

- In 1990, the State of California (1990) conducted a radon survey in the state. The results of the survey indicate that for the 182 samples obtained in Region 9, which included Los Angeles, Riverside, San Bernardino, Orange, San Diego and Imperial Counties, the arithmetic mean radon levels were 0.6 pCi/l. This average total is below the radon action level of 4 pCi/l.

- **Solid Waste Landfills (SWLF)** – The subject site is not a SWLF. Therefore, SWLFs are not considered an REC.

- **Oil and Gas Well Activity** – GSI did not observe readily visible evidence of oil or gas wells on the subject site during our previous and recent site reconnaissance. According to the Well Finder program, available online at the California Geological Energy Management Division website, there are no wildcat gas or oil wells on the subject site or within the region.

Border Zone Reconnaissance

The subject site is bordered to the north by vacant land and rural residential properties, to the east by Palomar Road, followed by rural residential properties, to the south by Mapes Road, followed by residential properties, and to the west by Tradewinds Drive, followed by residential properties.

There were no readily visible indications of adverse land usage observed on the surrounding properties that could contribute to significant hazardous waste/materials and/or petroleum contamination to the subject site, provided lawful procedures are being followed for operations, storage, and disposal of wastes.

Photographic Record

Representative color photographs have been taken of the various items mentioned in the site reconnaissance observations presented above. These photographs are presented In Appendix B.

LOCAL GEOLOGIC AND HYDROGEOLOGIC SETTING

Geology

The subject property is located in the eastern portion of the Perris Block, a portion of a prominent natural geomorphic province in South-western California known as the Peninsular Ranges. The Perris Block is a stable structural block bounded on the west by the Elsinore fault zone and on the east by the San Jacinto fault zone. The Peninsular Ranges are characterized by steep, elongated ranges and valleys that trend northwesterly. This province is typified by plutonic and metamorphic rocks (bedrock) which comprise the majority of the mountain masses, with relatively thin volcanic and sedimentary deposits discontinuously overlying the bedrock, and with Pleistocene-age (Quaternary-age) alluvial fan deposits filling the valleys and younger alluvium filling in the incised drainages. The alluvial deposits are derived from the water borne deposition of the products of weathering and erosion of the bedrock materials (GSI, 2005).

Site Geology

According to the 2005 Preliminary Geotechnical Investigation and General Rippability Assessment, the majority of the site is underlain by Quaternary-age alluvial deposits, which are in-turn underlain by plutonic bedrock (commonly called “granitics”) at depth, and locally exposed at the surface on the northeastern portion of the site. The basement rocks were described by Dibblee as foliated granitic rocks of quartz tonalite and quartz diorite compositions (GSI, 2005).

Based upon previous geotechnical investigations, the site may be characterized as being primarily underlain by late to middle Pleistocene-age old alluvial fan deposits, mantled by relatively thin layers of compacted engineered fills placed during original site grading. The old alluvial fan deposits are dominantly indurated, sandy to clayey alluvial-fan deposits (GSI, 2019a)

Site Soils

According to the United States Department of Agriculture (2021), the onsite soils consist primarily of sandy loam. The general attributes of the soil are described in the following table:

SOIL TYPE (MAP UNIT)	OCCURRENCE	DRAINAGE CLASS	RUNOFF RATE	K_{SAT}	HYDROLOGIC SOIL GROUP
Exeter sandy loam, 2 to 8 percent slopes, eroded (EnC2)	Alluvial Fans	Well drained	Medium	Very low	C
Exeter sandy loam, deep, 2 to 8 percent slopes, eroded (EpC2)	Alluvial Fans	Well drained	High	Very low	C

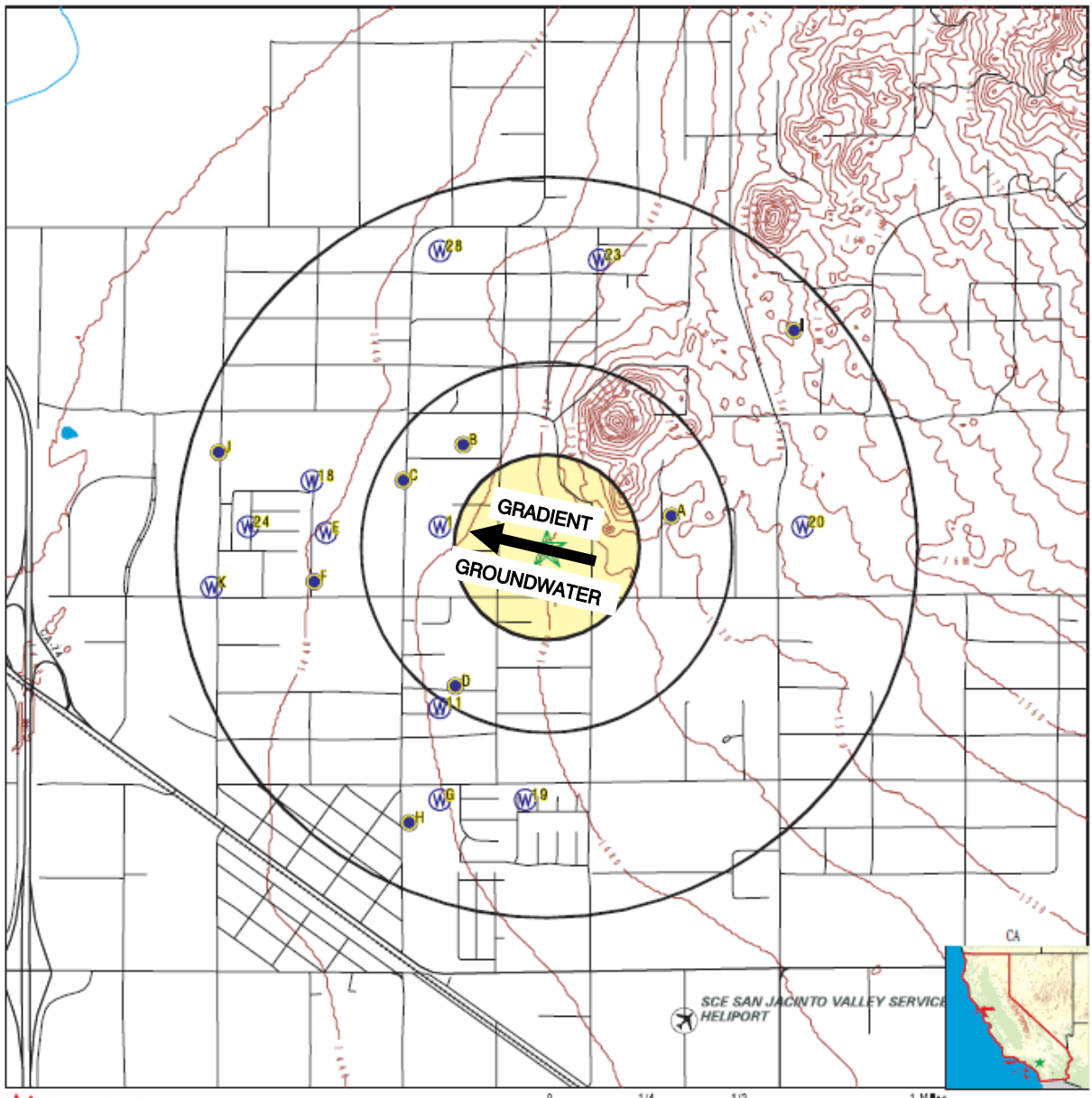
SOIL TYPE (MAP UNIT)	OCCURRENCE	DRAINAGE CLASS	RUNOFF RATE	K_{SAT}	HYDROLOGIC SOIL GROUP
Fallbrook fine sandy loam, 2 to 8 percent slopes, eroded (FfC2)	Hills	Well drained	Medium	Very low to moderately low	C
Greenfield sandy loam, 2 to 8 percent slopes, eroded (GyC2)	Alluvial fans, terraces	Well drained	Low	Moderately high to high	A
Hanford coarse sandy loam, 8 to 15 percent slopes, eroded (HcD2)	Alluvial fans	Somewhat excessively drained	Low	High	A
Monserate sandy loam, 0 to 5 percent slopes (MmB)	Alluvial fans	Well drained	Medium	Very low	C

Hydrogeology

The subject site is situated within the San Jacinto groundwater subbasin. The basin is bounded by the San Jacinto Mountains on the east, the San Timoteo Badlands on the northeast, the Box Mountains on the north, the Santa Rosa Hills and Bell Mountain on the south, and unnamed hills on the west. Lake Perris is located in the eastern part of Perris Valley. The valleys are drained by the San Jacinto River and its tributaries. The basin contains sediments that have filled valleys and underlying canyons incised into crystalline basement rock. The valley fill deposits are generally divided into younger and older alluvium. The younger alluvium is generally coarse and permeable. The older alluvium may correlate to sediments of Pleistocene age that are exposed in the San Timoteo Badlands and underlie the San Jacinto River near the confluence of Bautista Creek, and generally contain more fine material and have lower specific yield and transmissivity values than the younger alluvium. The San Jacinto fault zone cuts through the eastern part of the basin and is composed of five northwest trending segments which serve as barriers to groundwater movement. Natural recharge to the basin is primarily from percolation of flow in the San Jacinto River and its tributary streams; less recharge is from infiltration of rainfall on the valley floor. The primary recharge area for the confined aquifers is found where the San Jacinto river and Bautista Creek enter the San Jacinto Valley. Natural recharge is augmented by spreading of the State Water project and reclaimed water through infiltration ponds in the upper reaches of the San Jacinto river, as well as percolation of water stored in Lake Perris and several storage ponds throughout the valley (DWR, 2003). Overall, the local groundwater gradient is estimated to be in a west-northwesterly direction following the regional topographic gradient (see Figure 3).

Based on a review of the DWR Water Data Library (CDWR, 2019), historic depths to groundwater from nearby wells range between approximately 43 to 79 feet below grade (GSI, 2019). No groundwater has been encountered to the maximum explored depth of 39.5 feet bgs (GSI, 2005). One soil boring was advanced to a depth of 25 feet below the upper basin floor of the existing storm water basin in 2019 to review and evaluate potential

PHYSICAL SETTING SOURCE MAP - 6351937.2s



County Boundary
Major Roads
Contour Lines
Earthquake Fault Lines
Airports
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Closest Hydrogeological Data
Oil, gas or related wells

SITE NAME: Mount Vista
ADDRESS: NEC of Mapes Road and Tradewinds Drive
Sun City CA 92585
LAT/LONG: 33.759595 / 117.165

GeoSoils, Inc.

GROUNDWATER GRADIENT MAP

Figure 3

W.O. E7563-SC	DATE: 02/21	SCALE: See Bar Scale

groundwater conditions. No groundwater or seepage was encountered within a period in excess of 24 hours. Perched groundwater may occur in old alluvial fan deposits, along bedding and/or contacts between the compacted fill and the old alluvial fan deposits, due to migration from adjacent drainage areas and development during and/or after periods of above normal or heavy precipitation or irrigation (GSI, 2019).

Surface water was observed in a detention basin in the northwest portion of the subject site. Ponded water was also observed in the northwest corner of the property.

RESULTS OF SITE HISTORICAL REVIEW

General

As part of this assessment, GSI reviewed historical aerial photographs, topographic maps, and city directory listings provided by EDR to evaluate potential environmental risks related past activities occurring on the subject site and surrounding properties. GSI requested Sanborn Fire Insurance Maps as part of our historical records review. However, these maps were unavailable for the subject site. A statement indicating the unavailability of Sanborn Fire Insurance Maps for the subject site is included in Appendix C.

No significant data gaps were encountered in preparation of this Phase I ESA. Data gaps included the years between 1943-1948, 1958-1960, 1966, 1972-1977, 1983-1984. These gaps were due to the limited records that were reasonably ascertainable for this area at the time. It is our opinion that additional historical information, if it were to become available, generally would not significantly change the conclusions and recommendations of this assessment; however, this potential cannot be entirely precluded.

Summary of Historical Aerial Photograph and Historical Map Reviews

Historical Aerial Photograph Review

Historical aerial photographs were reviewed as a part of this assessment for indications of historical land utilization, and for signs of potential hazardous materials/waste and/or petroleum storage, usage, contamination, or disposal areas. Historical photographs were provided by EDR and included the years 1938, 1949, 1953, 1961, 1967, 1978, 1985, 1989, 1990, 1996, 1997, 2002, 2006, 2009, 2012, and 2016. A summary of our review is provided in Table 1. The historical aerial photographs are included in Appendix C.

TABLE 1 - HISTORIC AERIAL PHOTOGRAPH REVIEW SUMMARY		
DATE	**SUMMARY**	**SCALE**
1938	A small structure is present in the southeast corner of the subject site. The remainder of the property is undeveloped. The adjoining properties to the north, east, and west are undeveloped. The site is bordered to the south by a roadway, followed by agricultural land to the south and an orchard to the southeast.	1"=500'
1949	The subject site appears to be similar to conditions shown on the 1938 aerial photograph. The surrounding properties to the east and south appear to be used for agricultural purposes. The orchard to the southeast appears to be fallow. The property to the north of the west side of the subject site appears to be used for agricultural purposes, and the rocky area to the north of the east side of the subject site is undeveloped. The property to the east is undeveloped.	1"=500'
1953	Additional structures are present in the southeast corner. No other significant changes noted onsite. The surrounding properties to the north, south, and east appear similar to conditions shown on the 1949 photograph. The property to the southeast appears to be used for agricultural purposes.	1"=500'
1961	The subject site and surrounding land appear in a generally similar state to the 1953 aerial photograph, however one small structure is present to the east of the north portion of the subject site.	1"=500'
1967	The subject site appears to be used for dry farming. The surrounding properties appear in a generally similar state to the 1961 aerial photograph.	1"=500'
1978	The subject site and surrounding land appear in a generally similar state to the 1967 aerial photograph, however additional structures are present to the east, and one small structure is present to the southeast.	1"=500'
1985	Few buildings remain in the southeast corner of the subject site. Several small structures which appear to be similar to existing residences are present to the west of the southern portion of the subject site. One small structure is present to the south. No other significant changes are noted onsite or on the surrounding properties.	1"=500'
1989	Structures have been removed from the southeast portion of the site. A long driveway is present, commencing at the center of the southern property boundary and continuing northward, ending at the center of the subject site. Curved, beige features are present near the north side of the driveway. These features may be small soil stockpiles. Multiple small structures are present on the properties to the south, which appear similar to existing residences.	1"=500'
1990	The subject site and nearby properties appear similar to conditions shown on the 1989 aerial photograph, however two structures are present on the adjoining property to the east of the south side of the subject site. Additional soil stockpiles appear to be present near the driveway in the center of the subject site.	1"=500'
1996	The subject site and surrounding properties appear generally similar to conditions shown on the 1990 aerial photograph, however additional small structures are present to the west and south.	1”=500’
1997	The subject site and surrounding properties appear similar to conditions shown on the 1996 aerial photograph, however additional small structures are present to the southwest.	1"=500'
2002	The subject site and surrounding properties appear similar to conditions shown on the 1997 aerial photograph.	1"=500'
2006	The subject site and surrounding properties appear similar to conditions shown on the 2002 aerial photograph, however additional small structures are present to the west and north.	1"=500'
2009	The subject site has been graded and appears similar to current site conditions. The surrounding properties appear similar to conditions shown on the 2006 aerial photograph, however additional structures are present to the northwest.	1"=500'

TABLE 1 - HISTORIC AERIAL PHOTOGRAPH REVIEW SUMMARY		
DATE	**SUMMARY**	**SCALE**
2012	The subject site and surrounding properties appear similar to conditions shown on the 2009 aerial photograph, however the property to the east of the south side of the site appears to be used for agricultural purposes.	1"=500'
2016	The subject site and surrounding properties appear similar to conditions shown on the 2012 aerial photograph.	1"=500'

Historical Topographic Map Review

In addition to reviewing historical aerial photographs, GSI reviewed historical topographic maps for the Phase I ESA. This included a review of historical topographic maps for the years 1901 (Elsinore Quadrangle), 1942 (electronically combined Perris and Murrieta Quadrangles), 1943 (electronically combined Perris and Murrieta Quadrangles), 1947 (Murrieta Quadrangle), 1953 (electronically combined Romoland and Perris Quadrangles), 1967 (Perris Quadrangle), 1973 (electronically combined Romoland and Perris Quadrangles), 1979 (electronically combined Romoland and Perris Quadrangles), and 2012 (electronically combined Romoland and Perris Quadrangles), were provided by EDR. A summary of our review is provided in Table 2. The historical topographic maps are included in Appendix C.

TABLE 2 - HISTORIC TOPOGRAPHIC MAP REVIEW SUMMARY		
DATE	**SUMMARY**	**SCALE**
1901	Elsinore Quadrangle. The subject site is vacant, however several roads criss-cross the property. Site elevations cannot be determined at this scale.	1:125,000
1942	Perris and Murrieta Quadrangles (electronically combined). A dirt road traverses the subject site from south to north. One small structure is present in the eastern portion of the subject site, with a dirt road leading to it from the road bordering the site to the south. The property to the southeast is occupied by an orchard; other surrounding properties are undeveloped. Elevations cannot be determined at this scale.	1:62,500
1943	Perris and Murrieta Quadrangles (electronically combined). The subject site and surrounding land appear similar to the 1942 map.	1:62,500
1947	Murrieta Quadrangle. The subject site and surrounding area are not visible on the 1947 map.	1:50,000
1953	Romoland and Perris Quadrangles (electronically combined). The subject site and surrounding areas appear similar to the 1943 maps, however an additional small structure is present in the southeast corner. The road bordering the site to the south is identified as Mapes Road. Site elevations range from approximately 1,460 to 1,500 feet above MSL. Scrub brush is depicted on the hills to the northeast of the subject site.	1:24,000
1967	Perris Quadrangle. The subject site appears similar to the 1953 map. A dirt road borders the subject site to the east, leading to a gravel pit depicted on the hills to north. Other surrounding properties appear similar to the 1953 map.	1:24,000

TABLE 2 - HISTORIC TOPOGRAPHIC MAP REVIEW SUMMARY		
DATE	**SUMMARY**	**SCALE**
1973	Romoland and Perris Quadrangles (electronically combined). The subject site and surrounding land appear similar to the 1967 maps, however a third small structure is present on the subject site, and a dirt road borders the site to the west.	1:24,000
1979	Romoland and Perris Quadrangles (electronically combined). The subject site appears similar to the 1973 maps, however a small structure is present to the southeast.	1:24,000
2012	Palomar Road borders the subject site to the east, and Tradewinds Drive borders the subject site to the west. No other features are depicted on the 2012 map.	1:24,000

City Directory Listings

Historical city directory listings, published by Haines Criss-Cross Directory and EDR Digital Archive for the years 1971, 1974, 1980, 1985, 1992, 1995, 2000, 2005, 2011, 2014, and 2017 were provided by EDR. These listings were reviewed for past names of businesses or occupants listed for the subject site and adjoining properties to help evaluate historic land use. A summary of the listings are presented in Appendix .

Addresses of Potential Concern

Addresses of potential concern are businesses that may present potential environmental concern such as gas stations, automotive repair shops, and dry cleaners or other businesses believed to store, handle, transport, or dispose of hazardous waste. No addresses of potential concern were identified in the city directory records provided by EDR.

Building Permit Records

EDR performed a search of County of Riverside building permit records, and no records were identified. In addition, GSI reviewed permit listings on the County of Riverside Transportation and Land Management Agency website. Permit records with the County date back to 1963. No permits indicating any uses of environmental concern or the storage of hazardous materials or petroleum products were identified. Permits records were primarily related to grading activities. A summary of permit records searched is presented in Appendix C.

Review of Previous Reports

No previous environmental for the subject site were readily available for our review. Pertinent information provided in previous geotechnical reports is discussed in the Geology and Hydrogeology sections above.

Chain-of-Title Documents, Environmental Liens, and Activity/Use Limitation Searches

An Environmental Lien and Activity/Use Limitation (AUL) search was performed by EDR. According to information provided by EDR (Appendix C), no environmental liens or AULs exist for the subject site. A chain-of-title search was not furnished or requested by the client and such a search was beyond the scope of this Phase I ESA.

RESULTS OF GOVERNMENT AGENCY/DOCUMENTS REVIEW

List of Government Agencies and Databases Reviewed

The purpose of this task is to obtain and review records that will help identify Recognized Environmental Conditions in connection with the subject site. In compliance with ASTM Standard of Practice E 1527-13, a search of selected federal and state government databases was conducted for GSI, by EDR. Zoning/Land Use Records were not readily available, and thus were not reviewed for this study. Following is a list of the agency databases reviewed for this report. Search distances are per the ASTM standard.

TABLE 4 - LIST OF DATABASES SEARCHED

FEDERAL ASTM STANDARD	STATE AND LOCAL ASTM STANDARD	FEDERAL ASTM SUPPLEMENTAL	STATE OR LOCAL ASTM SUPPLEMENTAL
NPL	RESPONSE	US Brownfields	WMUDS/SWAT
Proposed NPL	ENVIROSTOR	US CDL	SCH
NPL Liens	SWF/LF	RCRA NonGen/NLR	Local HMMD
Delisted NPL	LUST/Indian LUST	DOT OPS	Toxic Pits
CERCLIS	UST/Indian UST	FUDS	CDL
CERCLIS NFRAP	FEMA UST	CONSENT	HIST CDL
CORRACTS	Brownfields	ROD	ODI/Indian ODI
RCRA-TSDF	SLIC	UMTRA	DEED
RCRA-LQG	AST	TRIS	Liens
RCRA-SQG	VCP/Indian VCP	UMTRA	Liens 2
RCRA-VSQG		US Mines	NPDES
Federal IC/EC/LUCIS		TSCA	CA BOND EXP
ERNS		FTTS	CA FID UST
		Hist FTTS	SWEEPS UST
		ICIS	HIST UST
		PADS	CORTESE
		SSTS	CHMIRS

TABLE 4 - LIST OF DATABASES SEARCHED			
FEDERAL ASTM STANDARD	**STATE AND LOCAL ASTM STANDARD**	**FEDERAL ASTM SUPPLEMENTAL**	**STATE OR LOCAL ASTM SUPPLEMENTAL**
		MLTS	CUPA
		RADINFO	PRP
		FINDS	WDS
		INDIAN RESERV	LDS
		EMI	Drycleaners
		HMIRS	Spills 90
		RAATS	Debris Region 9
		HAZNET	SWRCY
		UIC	ENF
		SCRD Drycleaners	HWT
		MWMP	HWP
		Coal Ash DOE	Financial Assurance
		Coal Ash EPA	WDS
		Lead Smelters	Haulers
		2020 Corr Action	
		US Airs	
		PRP	
		EPA Watch List	
		US Fin Assur	
		PCB Transformer	
		PROC	
		MCS	

*Details and descriptions of these databases can be found in Appendix C.

Government database records indicated three mapped sites within the specified search radius. No unmapped (orphan) sites were listed. The following is a summary of the governmental database records research:

NPL Sites

The National Priorities List (NPL) is a list of contaminated sites that are considered the highest priority for cleanup by the EPA. The search radius for NPL sites is 1 mile. The subject site is not on the NPL List and the database search did not identify any NPL sites within a 1-mile radius of the subject site.

Proposed NPL Sites

Proposed NPL Sites are sites currently under consideration by the EPA for inclusion on the NPL. The search radius for proposed NPL sites is 1 mile. The subject site is not on the proposed NPL list and the database search did not identify any proposed NPL sites within a 1-mile radius of the subject site.

Delisted NPL Sites

Delisted NPL sites are sites that are removed from the NPL site listing because the EPA no longer determines the site to be a risk to human health or the environment. In addition, sites that have been remediated under the Superfund program are also removed from the NPL site listing. The search radius for delisted NPL sites is 1 mile. The subject site is not on the delisted NPL catalog and the database search did not identify any delisted NPL sites within a 1-mile radius of the subject site.

CERCLIS Sites

The Comprehensive Environmental Response, Compensation, and Liability Act Information System (CERCLIS) list identifies sites which are suspected to have contamination and require additional investigation to assess if they should be considered for inclusion on the NPL. The search radius for CERCLIS sites is ½ mile. The subject site is not included on the CERCLIS List and the governmental database records search did not identify any CERCLIS sites within a ½-mile radius of the subject site.

CERCLIS - NFRAP Sites

CERCLIS - NFRAP sites are properties included on the CERCLIS list but have no Further Response Actions Planned (NFRAP). Sites on the CERCLIS-NFRAP List were removed from the CERCLIS List in February 1995 because, after an initial investigation was performed, no contamination was found, the contamination was quickly removed, or the contamination was not significant enough to warrant NPL status. The search radius for CERCLIS-NFRAP sites is ½ mile. The government database records do not include the subject site on the CERCLIS-NFRAP list, and no sites within a ½-mile radius of the subject site were included on the CERCLIS - NFRAP list during our review of governmental database records.

Federal ERNS List

The Federal Emergency Response Notification System (ERNS) list tracks information on reported releases of oil and hazardous materials. The search radius for Federal ERNS sites includes the target property, only. The government database records do not include the subject site on the Federal ERNS list.

RCRA Non-CORRACTS TSD Facilities

The Resource Conservation and Recovery Act (RCRA) Non-CORRACTS TSD Facilities List tracks facilities which treat, store, or dispose of hazardous waste and are not associated with corrective action activity. The search radius for RCRA Non-CORRACTS TSD Facilities is ½ mile. The governmental database records do not include the subject site nor sites located within a ½-mile radius of the subject site on the RCRA non-CORRACTS TSD Facilities list.

RCRA CORRACTS TSD Facilities

The RCRA CORRACTS TSD Facilities list catalogues facilities that treat, store, or dispose of hazardous waste and have been associated with corrective action activity. The search radius for RCRA CORRACTS TSD Facilities is 1 mile. The governmental database records do not include the subject site on the RCRA CORRACTS TSD Facilities list and there are no RCRA CORRACTS TSD Facilities within a 1-mile radius of the subject site.

RCRA Generators

The RCRA Generator list includes facilities that generate, transport, store, treat, and/or dispose of hazardous waste. The search radius for RCRA Generators is ¼ mile. The governmental database records do not include the subject site or adjacent properties on the RCRA Generators databases.

RCRA NonGen/NLR

The NonGen/NLR database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. Non-generators do not presently generate hazardous waste. The governmental database records do not include the subject site or adjacent properties on the RCRA NonGen/NLR database.

State- and Tribal-Equivalent NPL

State- and Tribal-Equivalent NPL identifies confirmed release sites where the Department of Toxic Substances Control is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. The search radius for State- and Tribal-Equivalent NPL sites is 1 mile. Governmental database records do not include the subject site on the State- and Tribal-Equivalent NPL list. In addition, governmental database records do not include any sites with a State- and Tribal-Equivalent NPL status within a 1-mile radius of the subject site.

State- and Tribal-Equivalent CERCLIS

The State- and Tribal- Equivalent CERCLIS list identifies sites that have known contamination or sites for which there may be reasons for further investigation such as Federal Superfund (NPL) sites; State Response, including military facilities and state superfund; voluntary cleanup; and school sites. The search radius for State- and Tribal-CERCLIS sites is 1 mile. Governmental database records do not include the subject site on the State- and Tribal-Equivalent CERCLIS list. One State and Tribal-Equivalent CERCLIS site was identified within a 1-mile radius of the subject site. High School No. 3 at Briggs Road and Pinacate Road was a school investigation site located more than 5,000 feet from the subject site with status of no further action. Based on distance, nature of the case, and status, the site is not expected to have impacted the subject site and is not considered a REC.

State- and Tribal-Landfill and/or Solid Waste Disposal Site Listings

State- and Tribal-Landfill and/or Solid Waste Disposal Site Listings include active, closed, and inactive landfills. The search radius for State- and Tribal-Landfill and/or Solid Waste Disposal sites is ½ mile. Governmental database records do not include the subject site on the State- and Tribal-Landfill and/or Solid Waste Disposal Site. In addition, governmental database records do not include any sites within a ½-mile radius of the subject site.

State- and Tribal-Leaking Storage Tank Listings

State- and Tribal-Leaking Storage Tank Listings includes inventories of spills, leaks, investigation, and cleanup cost recovery as well as leaking underground storage tanks on Indian land. The search radius for State- and Tribal-Leaking Storage Tank database is ½ mile. Governmental database records do not show the subject site on the list, and no sites were identified within a ½-mile radius of the subject site.

State- and Tribal-Registered Storage Tank Listings

State- and Tribal-registered storage tank listings include a catalogue of registered above ground and underground storage tanks and underground storage tanks on Indian land. The search radius for State- and Tribal-Registered Storage Tanks is ¼ mile. Governmental database records do not include the subject site nor sites within a ¼-mile radius of the subject site on this list.

State- and Tribal-Voluntary Cleanup Site Listings

State- and Tribal-Voluntary Cleanup Site Listings include inventories of low threat level properties with either confirmed or unconfirmed releases and the project proponents have requested that DTSC oversee investigation and/or cleanup activities, and have agreed to provide for DTSC costs. The search radius for State and Tribal Voluntary Cleanup Sites

is ½ mile. Governmental database records do not include the subject site nor sites within a ½-mile radius of the subject site on this list.

State- and Tribal-Brownfield Site Listings

State- and Tribal-Brownfield Site Listings include a catalogue of real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of hazardous substances, pollutants, or contaminants. The search radius for State and Tribal Brownfield Sites is ½ mile. The governmental database records do not include the subject site nor sites within a ½-mile radius of the subject site on this list.

HAZNET Listings

The California EPA, DTSC maintains a list of hazardous waste facility and manifest data. According to the governmental database records, the subject site is not listed on the HAZNET database.

Cortese and Hist Cortese

The Cortese and Hist Cortese sites are designated by the SWRCB, the Integrated Waste Board, and the DTSC. The Hist Cortese database is no longer updated. The search radius for the Cortese databases is ½-mile The subject site is not listed in the Cortese or Hist Cortese databases, and no sites within a ½-mile radius were identified.

NPDES and CIWQS

The NPDES database is a listing of National Pollution Discharge Elimination System permits, including storm water. The California Integrated Water Quality System (CIWQS) is a database used to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities. The subject site is listed in the NPDES and CIWQS databases due to storm water construction permits for residential construction. Based on the nature of the permits, the listings do not represent an environmental concern and are not RECs.

Unmapped Sites

Sites listed as "Unmapped Sites" are facilities that do not have adequate addresses furnished with their filings to allow the various agencies and/or search firms to accurately plot the locations. No unmapped sites were listed.

REGIONAL ENVIRONMENTAL REGULATORY AGENCY RECORD REVIEW

GSI contacted the regional environmental regulatory agency, Riverside County DEH, the local Certified Unified Program Agency (CUPA) to request available environmental records

related to the subject site. In addition, the online EnviroStor and GeoTracker databases were reviewed. EnviroStor is the California Department of Toxic Substances Control's (DTSC) data management system for tracking cleanup, permitting, enforcement and investigation efforts at hazardous waste facilities and sites with known contamination or sites where there may be reasons to investigate further. In addition, DTSC maintains the Hazardous Waste Tracking System (HWTS) website, which provides information pertaining to hazardous waste generators, including types of waste generated, volumes, and dates. GeoTracker is the Water Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. GeoTracker contains records for sites that require cleanup, such as Leaking Underground Storage Tank (LUST) Sites, Department of Defense Sites, and Cleanup Program Sites.

The results of our research with these agencies are summarized below. Available public records and responses to requests for records are included in Appendix D.

Regional Environmental Regulatory Agency Records Reviewed

Riverside County DEH

GSI submitted a request for public records to the Riverside County DEH. A response has not been received as of the date of this report. Once received, it will be reviewed and if any records pertaining to USTs, hazardous materials, hazardous waste, or petroleum products are identified they will be reported as an addendum to this report.

DTSC

A listing almost a mile away, and cross-gradient for school investigation was noted in the database; however, owing to its status, nature, location and distance cross gradient, is not an environmental concern. A review of the EnviroStor website did not contain any information pertaining to the subject site.

HWTS

GeoSoils reviewed the Hazardous Waste Tracking System (HWTS) for information pertaining to waste manifests associated with the subject site. The subject site is not listed on the HWTS database.

SARWQCB

GSI reviewed the GeoTracker website, and the subject site was not listed.

DISCUSSIONS WITH PERSONS FAMILIAR WITH SITE

Mr. Gary Weintraub completed the Transaction Screen Questionnaire. No environmental concerns were identified in the questionnaire.

EXCEPTIONS

No significant data gaps were encountered in preparation of this Phase I ESA. Data gaps included the years between 1943-1948, 1958-1960, 1966, 1972-1977, 1983-1984. These gaps were due to the limited records that were reasonably ascertainable for this area at the time. It is our opinion that additional historical information, if it were to become available, generally would not significantly change the conclusions and recommendations of this assessment; however, this potential cannot be entirely precluded.

A response was not received from the Riverside County DEH as of the date of this report. Based on the availability of other pertinent information, this limitation is not considered significant and is not expected to impact the findings of this report.

CONCLUSIONS AND RECOMMENDATIONS

Findings

Based upon the information obtained during the course of this Phase I environmental site assessment, GSI presents the following summary of findings and conclusions:

- Based upon our site reconnaissance of the property and review of historical land use utilizing readily available previous reports and historical photographs, a small structure was present at the subject site by 1938. By 1949 multiple small structures were present, and additional structures were present in 1953. By 1967 the northeastern portion of the site appeared to be used for dry farming. Few buildings remained in the southeast portion of the subject site in 1985, and by 1989 all structures had been removed. A long driveway had been constructed from the southern property boundary to the center of the site. What appeared to be soil stockpiles were present in the 1989 and 1990 aerial photographs. The subject site was graded in 2007, and has remained in a graded, undeveloped state since that time.

- Based upon our site reconnaissance on February 11, 2021, the subject site is currently vacant, graded land with scattered trash discarded household waste. Two bags that appeared to contain boar's heads were also present. There was no readily visible evidence of adverse land usage at the subject site. The subject site is slated for redevelopment with single-family residences.

The subject site is surrounded by residential and rural-residential uses and vacant land. A horse farm is present on the adjoining property to the east. Mapes Road borders the site to the south, Palomar Road borders the site to the east and Tradewinds Drive borders the site to the west. There were no readily visible indications of adverse land usage observed on the surrounding properties that could contribute to significant hazardous waste/materials and/or petroleum contamination to the subject site, provided lawful procedures are being followed for operations, storage, and for disposal of wastes.

- One transformer was observed along the north side of the western property boundary, and one was observed on the adjoining property to the east, across Palomar Road. The transformers appeared to be in good condition with no evidence of leaks; therefore, they are not considered an environmental concern.

- Groundwater has not been encountered to a maximum explored depth of 39.5 feet below ground surface (bgs), and seepage did not occur during testing for an existing storm water basin. Based on review of data from nearby wells, depth to groundwater is anticipated to be from approximately 43 to 79 feet bgs. Surface water was observed inn the detention basin on the northwest portion of the subject site, and ponded water was observed to the north of the basin. The local groundwater gradient is estimated to be in a west-northwesterly direction.

- There are three mapped sites reported in the agency database radius search; one of which was located on the subject site. Based upon their status, nature, and/or distance, these potential risk sites are not considered RECs.

- A Vapor Encroachment Survey (VES) was performed in general accordance with ASTM E2600 to evaluate the potential for soil vapors encroachment on the subject site from potential risk sites located within the default radius of the subject site. The survey was performed using a computer application provided by EDR. Due to factors such as: 1) a lack of potential contaminants of concern; 2) distance from the subject site; 3) groundwater flow conditions; 4) soil/geologic conditions; and/or 5) case status, no vapor encroachment concerns exist in connection with the subject site.

- There does not appear to be a documented and/or reported commercial or industrial facility, or a municipal landfill, within a 1-mile radius of the subject site that represents a significant environmental concern, provided lawful activities are followed.

Conclusions

We have performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527 of APN 122-081-30-00, the property. Any exceptions to, or deletions from, this practice are described in the “EXCEPTIONS” section

preceding the "CONCLUSIONS AND RECOMMENDATIONS" section of this report. This assessment has revealed no evidence of recognized environmental conditions in connection with the subject site, with the exception of the following:

- Soil stockpiles from an unknown origin appear to be present in the 1989 and 1990 aerial photographs. Given the history of agricultural uses in the surrounding area, there is the potential that the stockpiles may have been impacted with pesticides.

Additionally, the following environmental concern is noted:

- Animal/slaughter wastes may have been illegally discarded at the subject site.

The ASTM practice E 1527-13 is intended, by the ASTM Committee E 50, to be a general guideline standard and used on a voluntary basis. Based upon the scope of work completed for this assessment, the uncertainty of potential environmental concerns, however, cannot be eliminated.

Recommendations

Based upon the information obtained during the course of this assessment, GSI presents the following recommendations:

- All trash and debris should be disposed of in a lawful manner, in accordance with state and local guidelines.

LIMITATIONS

GSI has performed the services for this project in accordance with the terms of a contract between GSI and Client and in accordance with current professional standards for investigations of this type. The conclusions presented in this report are based on the information collected during the study, the present understanding of the site conditions, and professional judgment.

Please note, subsurface and hazardous waste/toxic substance conditions may vary from those provided in historical documents reviewed by GSI. The interpretations and recommendations of GSI are based solely on such information, and/or information supplied by Client. Findings of this investigation based on data provided by others carries no warranty, express or implied, as a result of the usage of such data.

It is possible that future investigations may reveal additional data or variations of the current data which may require the current conclusions and recommendations to be reevaluated. As a result, GSI makes no warranty, either express or implied, as to its findings, opinions, recommendations, specifications, or professional advice except that they were promulgated after being prepared in accordance with generally accepted standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature.

The information in this report is relevant to the date of the site work and should not be relied on to represent conditions at any later date. Facts, conditions, and acceptable risk factors change with time, accordingly, this report should be viewed within this context. Thus, this report brings to completion our scope of services for this project.

APPENDIX A

REFERENCES

APPENDIX A

REFERENCES

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APPENDIX B

SITE PHOTOGRAPHS



1. Looking along west southeast corner along southern property boundary.



2. Looking north from southeast corner along Palomar Road."

GeoSoils, Inc.

SITE PHOTOGRAPHS

Plate B-1

DATE 2/2021	W.O. E7563-SC

Geotechnical • Geologic • Coastal • Environmental



3. Looking northwest from southeast corner of site.



4. Looking east along north property boundary from northeast corner.

GeoSoils, Inc.

SITE PHOTOGRAPHS

Plate B-2

DATE 2/2021

W.O. E7563-SC

Geotechnical • Geologic • Coastal • Environmental



5. View to northwest at property margin, with Jefferson Street, I-5 and Buena Vista Lagoon.



6. Looking south-southeast towards trash and green waste in northeast portion of site.

GeoSoils, Inc.

SITE PHOTOGRAPHS

Plate B-3

DATE 2/2021

W.O. E7563-SC

Geotechnical • Geologic • Coastal • Environmental



7. Looking southeast from northwest corner of site. Note ponded water and pole-mounted transformer.



8. Looking southeast at detention basin.

GeoSoils, Inc.

SITE PHOTOGRAPHS

Plate B-4

DATE 2/2021

W.O. E7563-SC

Geotechnical • Geologic • Coastal • Environmental



9. Looking south along Tradewinds Drive. Note adjoining residential properties.



10. Looking south in southeastern portion of site. Note minor burned area.

GeoSoils, Inc.

SITE PHOTOGRAPHS

Plate B-5

DATE 2/2021

W.O. E7563-SC

Geotechnical • Geologic • Coastal • Environmental



11. Looking northeast from southwest corner of site .



12. Looking south towards household trash in southeast portion of site.

GeoSoils, Inc.

SITE PHOTOGRAPHS

Plate B-6

DATE 2/2021

W.O. E7563-SC

Geotechnical • Geologic • Coastal • Environmental



13. Looking north in southeast portion of subject property. Note household trash on right side of photo.



14. Looking southeast towards adjoining properties.

GeoSoils, Inc.

SITE PHOTOGRAPHS

Plate B-7

DATE 2/2021

W.O. E7563-SC

Geotechnical • Geologic • Coastal • Environmental



15. Looking northeast towards adjoining rural residential property. Note transformer and corral.



16. Looking northeast from northeast portion of site. Note adjoining rural residential properties in background.

GeoSoils, Inc.

SITE PHOTOGRAPHS

Plate B-8

DATE 2/2021 | W.O. E7563-SC

Geotechnical • Geologic • Coastal • Environmental



17. Adjoining property to the west.



18. Adjoining property to the west.

GeoSoils, Inc.

SITE PHOTOGRAPHS

Plate B-9

DATE 2/2021

W.O. E7563-SC

Geotechnical • Geologic • Coastal • Environmental

APPENDIX C

EDR DATA

Mount Vista

NEC of Mapes Road and Tradewinds Drive

Sun City, CA 92585

Inquiry Number: 6351937.11

February 01, 2021

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

02/01/21

Site Name:

Mount Vista
NEC of Mapes Road and Trade
Sun City, CA 92585
EDR Inquiry # 6351937.11

Client Name:

GeoSoils, Inc.
26590 Madison Ave
MURRIETA, CA 92562
Contact: Todd Greer

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	Scale	Details	Source
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2002	1"=500'	Acquisition Date: January 01, 2002	USGS/DOQQ
1997	1"=500'	Flight Date: October 16, 1997	USGS
1996	1"=500'	Acquisition Date: September 30, 1996	USGS/DOQQ
1990	1"=500'	Flight Date: September 06, 1990	USDA
1989	1"=500'	Flight Date: August 15, 1989	USDA
1985	1"=500'	Flight Date: July 28, 1985	USDA
1978	1"=500'	Flight Date: September 20, 1978	USDA
1967	1"=500'	Flight Date: May 15, 1967	USDA
1961	1"=500'	Flight Date: August 18, 1961	USDA
1953	1"=500'	Flight Date: August 28, 1953	USDA
1949	1"=500'	Flight Date: May 23, 1949	USDA
1938	1"=500'	Flight Date: June 14, 1938	USDA

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INQUIRY #: 6351937.11
YEAR: 2016
= 500'
N
EDR



INQUIRY #: 6351937.11

YEAR: 2012

= 500'

N

EDR



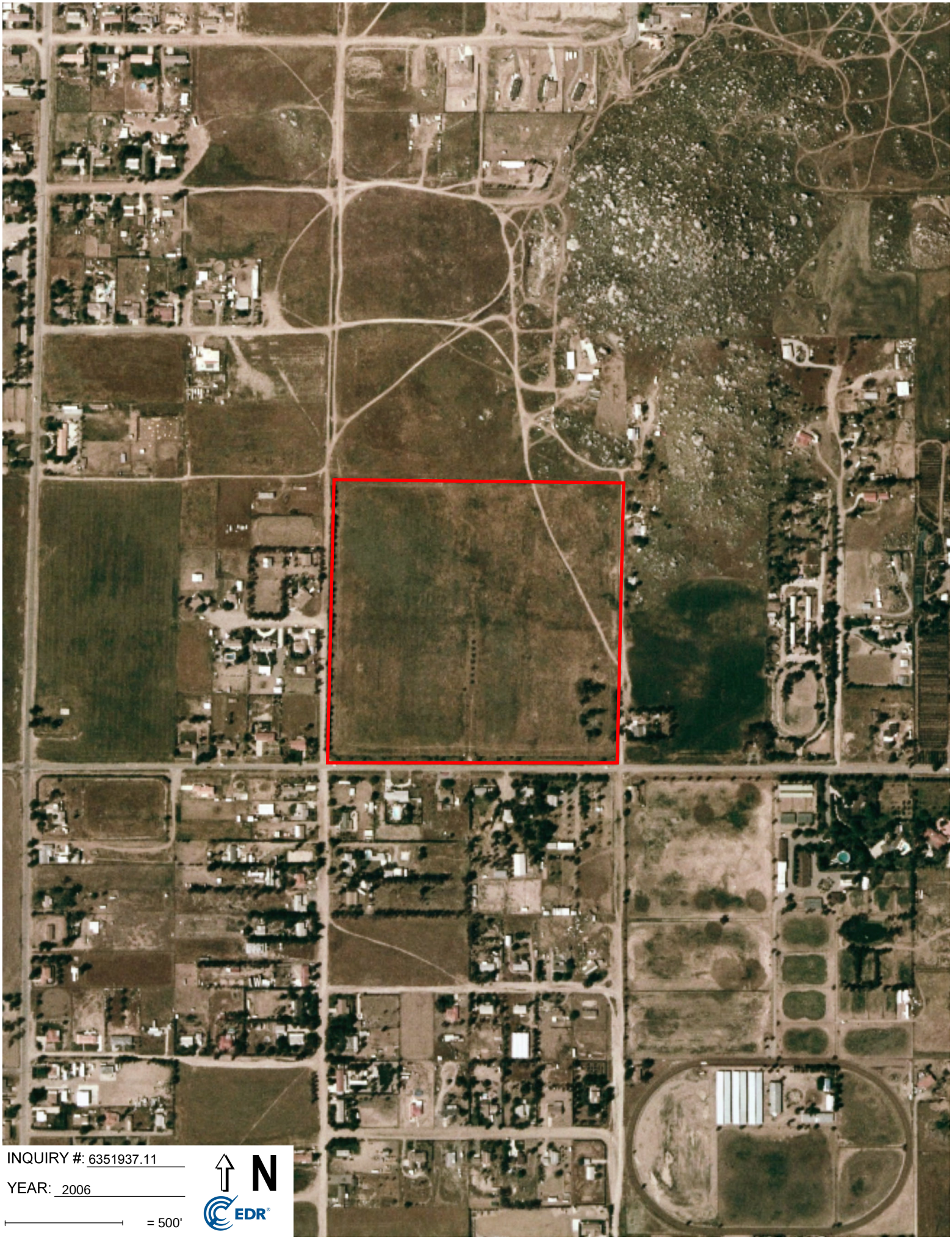
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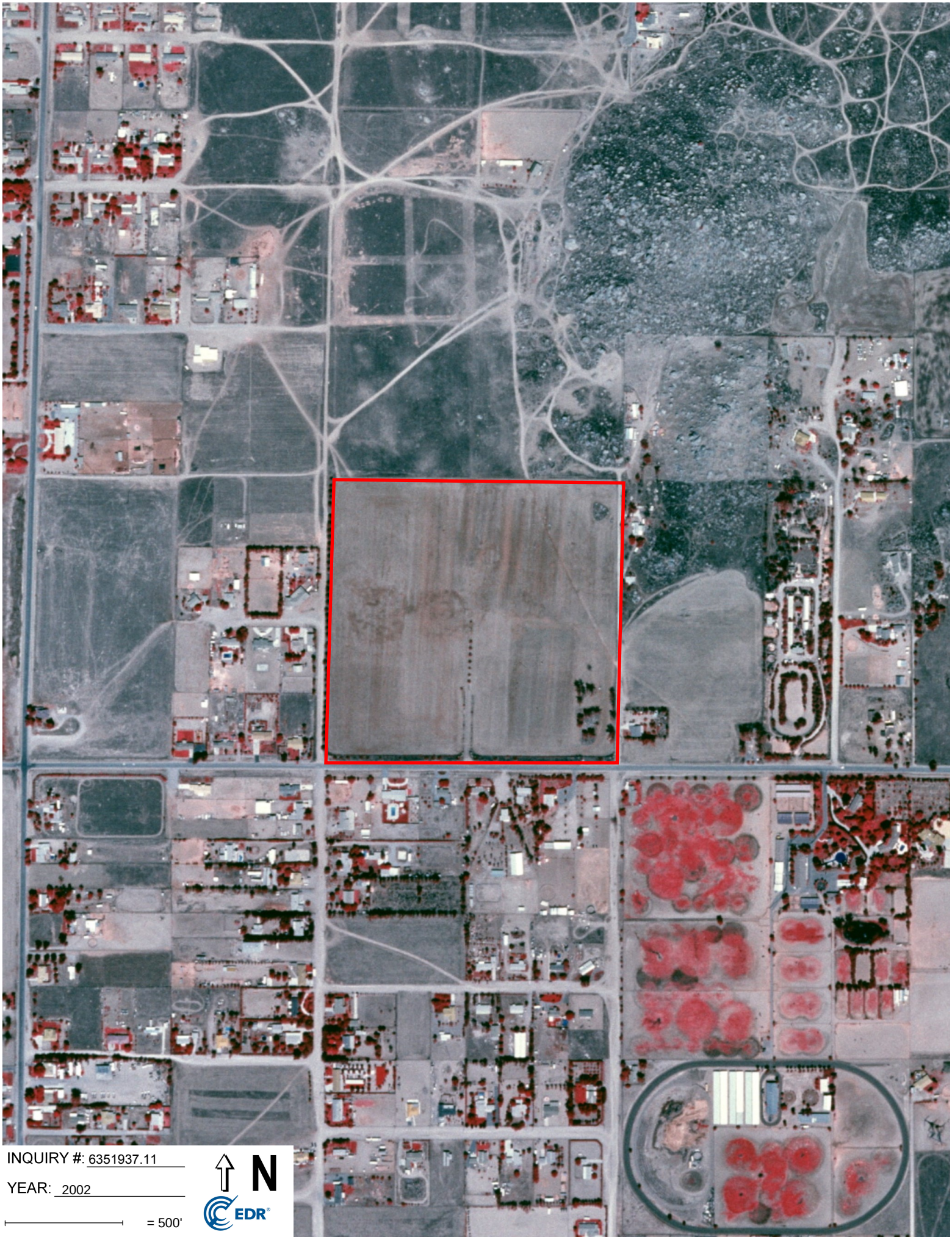
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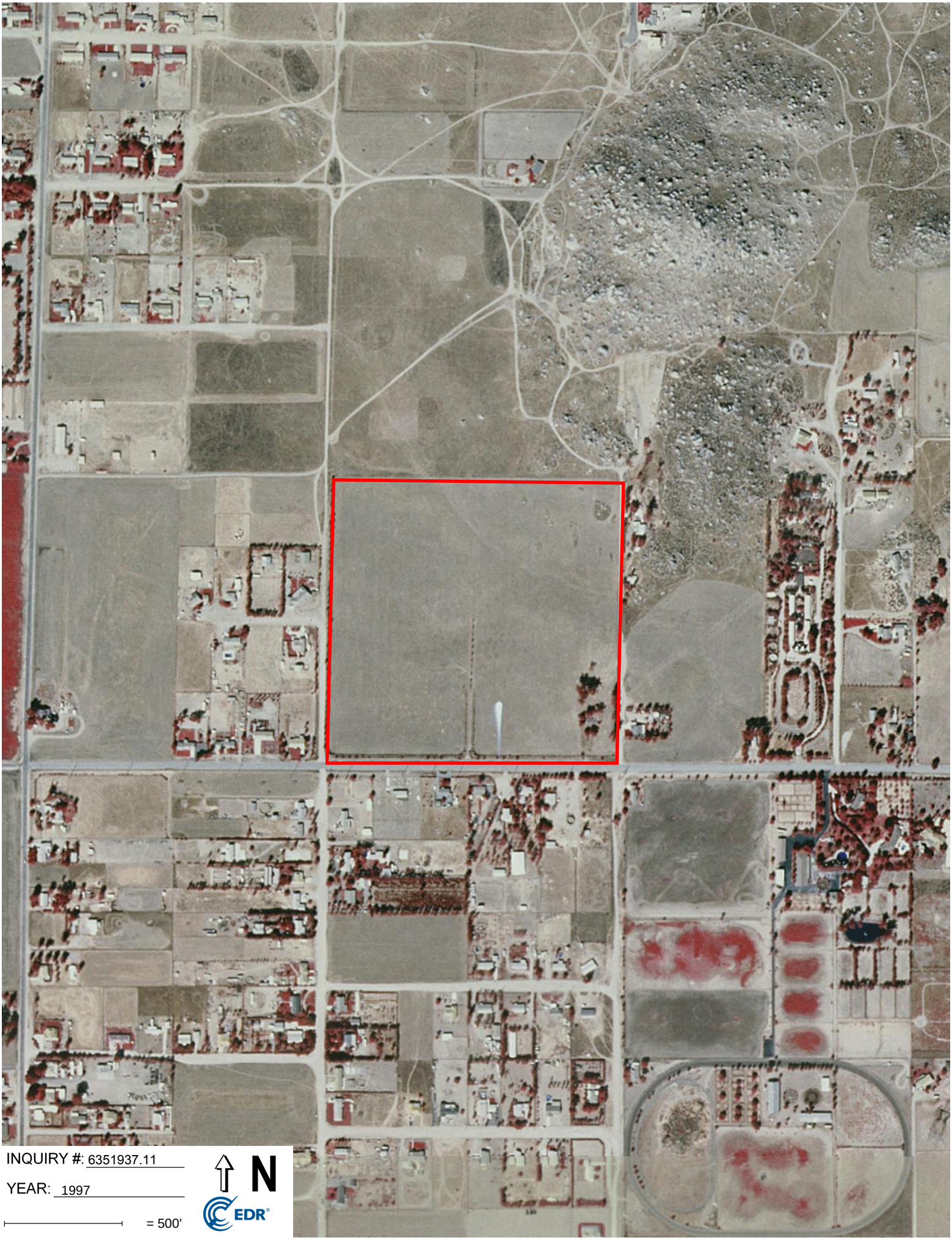
= 500'

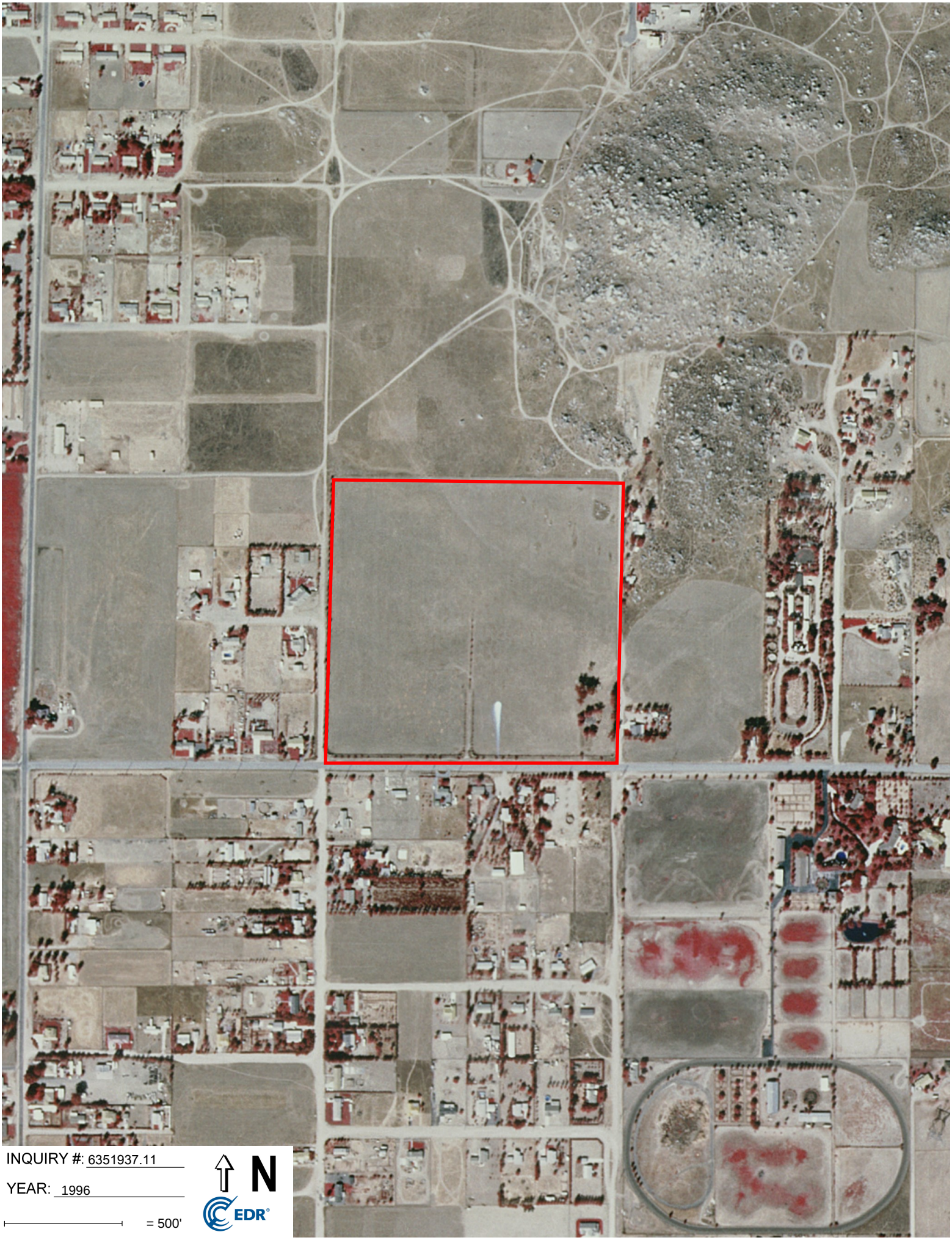
N

EDR


INQUIRY #: 6351937.11
YEAR: 2006
= 500'
N
EDR


INQUIRY #: 6351937.11
YEAR: 2002
= 500'
N
EDR


INQUIRY #: 6351937.11
YEAR: 1997
= 500'
N
EDR



INQUIRY #: 6351937.11

YEAR: 1996

= 500'

N

EDR



INQUIRY #: 6351937.11

YEAR: 1990

= 500'

N

EDR



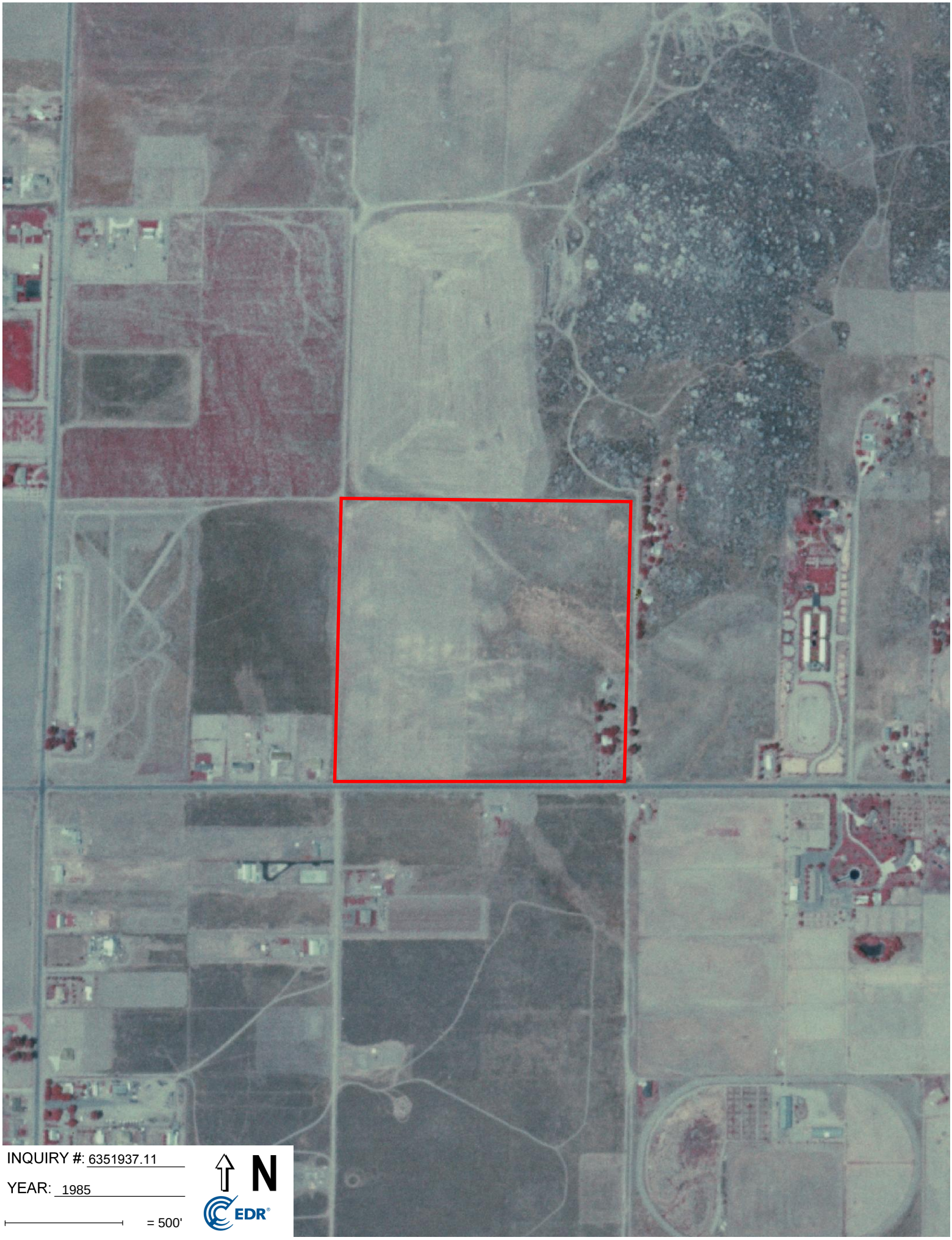
INQUIRY #: 6351937.11

YEAR: 1989

= 500'

N

EDR



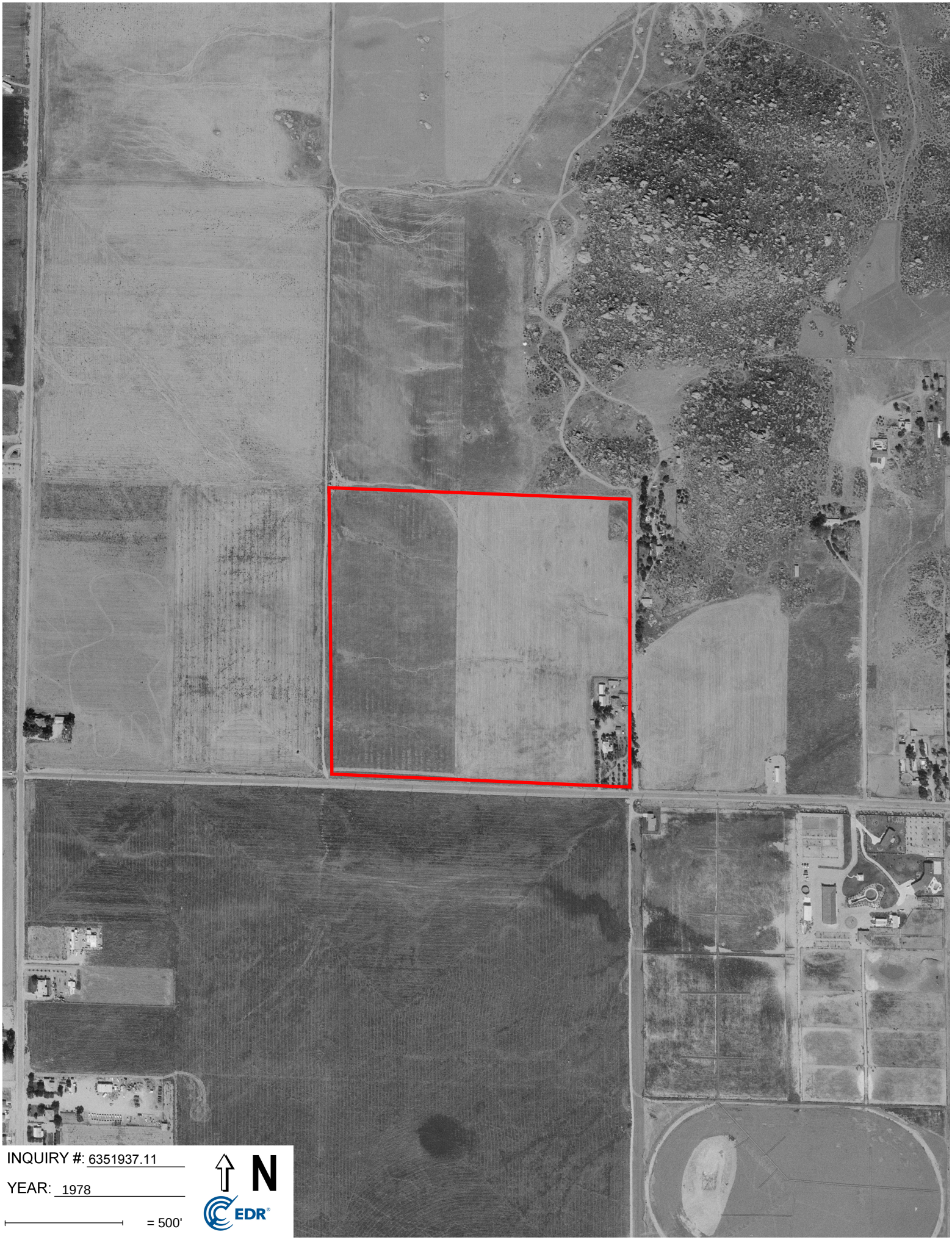
INQUIRY #: 6351937.11

YEAR: 1985

= 500'

N

EDR


INQUIRY #: 6351937.11
YEAR: 1978
= 500'
N
EDR



INQUIRY #: 6351937.11

YEAR: 1967

= 500'

N

EDR



INQUIRY #: 6351937.11

YEAR: 1961

= 500'

N

EDR



INQUIRY #: 6351937.11

YEAR: 1953

= 500'

N

EDR



INQUIRY #: 6351937.11

YEAR: 1949

= 500'

N

EDR



INQUIRY #: 6351937.11

YEAR: 1938

= 500'

N

EDR

Mount Vista
NEC of Mapes Road and Tradewinds Drive
Sun City, CA 92585

Inquiry Number: 6351937.2s
February 01, 2021

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

NEC OF MAPES ROAD AND TRADEWINDS DRIVE
SUN CITY, CA 92585

COORDINATES

Latitude (North):	33.7595950 - 33° 45' 34.54''
Longitude (West):	117.1650000 - 117° 9' 54.00''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	484719.5
UTM Y (Meters):	3735319.5
Elevation:	1481 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5641330 PERRIS, CA
Version Date:	2012
South Map:	5641314 ROMOLAND, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140603, 20140530
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
NEC OF MAPES ROAD AND TRADEWINDS DRIVE
SUN CITY, CA 92585

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	MT VISTA	NORTHEAST SIDE OF MA	NPDES, CIWQS	Lower	1 ft.
2	DANIEL WEINER	24710 ROCKY PEAK RD	RCRA NonGen / NLR	Higher	1143, 0.216, ENE
3	HIGH SCHOOL NO. 3	BRIGGS ROAD/PINACATE	ENVIROSTOR, SCH, CERS	Lower	5007, 0.948, SSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL ---------- National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS ---------- Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG ---------- RCRA - Large Quantity Generators
RCRA-SQG ---------- RCRA - Small Quantity Generators
RCRA-VSQG ---------- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---------- Land Use Control Information System

US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

LUST..... Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
CPS-SLIC..... Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing
UST..... Active UST Facilities
AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties
INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database
SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

HIST Cal-Sites ---- Historical Calsites Database
SCH ---- School Property Evaluation Program
CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites
CERS HAZ WASTE ---- CERS HAZ WASTE
US CDL ---- National Clandestine Laboratory Register
PFAS ---- PFAS Contamination Site Location Listing

Local Lists of Registered Storage Tanks

SWEEPS UST ---- SWEEPS UST Listing
HIST UST ---- Hazardous Substance Storage Container Database
CERS TANKS ---- California Environmental Reporting System (CERS) Tanks
CA FID UST ---- Facility Inventory Database

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information
DEED ---- Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data

CONSENT Superfund (CERCLA) Consent Decrees
INDIAN RESERV Indian Reservations
FUSRAP Formerly Utilized Sites Remedial Action Program
UMTRA Uranium Mill Tailings Sites
LEAD SMELTERS Lead Smelter Sites
US AIRS Aerometric Information Retrieval System Facility Subsystem
US MINES Mines Master Index File
ABANDONED MINES Abandoned Mines
FINDS Facility Index System/Facility Registry System
ECHO Enforcement & Compliance History Information
UXO Unexploded Ordnance Sites
DOCKET HWC Hazardous Waste Compliance Docket Listing
FUELS PROGRAM EPA Fuels Program Registered Listing
CA BOND EXP. PLAN Bond Expenditure Plan
Cortese "Cortese" Hazardous Waste & Substances Sites List
CUPA Listings CUPA Resources List
DRYCLEANERS Cleaner Facilities
EMI Emissions Inventory Data
ENF Enforcement Action Listing
Financial Assurance Financial Assurance Information Listing
HAZNET Facility and Manifest Data
ICE ICE
HIST CORTESE Hazardous Waste & Substance Site List
HWP EnviroStor Permitted Facilities Listing
HWT Registered Hazardous Waste Transporter Database
MINES Mines Site Location Listing
MWMP Medical Waste Management Program Listing
PEST LIC Pesticide Regulation Licenses Listing
PROC Certified Processors Database
Notify 65 Proposition 65 Records
UIC UIC Listing
UIC GEO UIC GEO (GEOTRACKER)
WASTEWATER PITS Oil Wastewater Pits Listing
WDS Waste Discharge System
WIP Well Investigation Program Case List
MILITARY PRIV SITES MILITARY PRIV SITES (GEOTRACKER)
PROJECT PROJECT (GEOTRACKER)
WDR Waste Discharge Requirements Listing
CERS CERS
NON-CASE INFO NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ Well Stimulation Project (GEOTRACKER)
HWTS Hazardous Waste Tracking System
MINES MRDS Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Auto EDR Exclusive Historical Auto Stations
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF ---------- Recovered Government Archive Solid Waste Facilities List
RGA LUST ---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/26/2020 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HIGH SCHOOL NO. 3 Facility Id: 33010072 Status: No Further Action	***BRIGGS ROAD/PINACATE***	***SSW 1/2 - 1 (0.948 mi.)***	***3***	***13***

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

EXECUTIVE SUMMARY

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/14/2020 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DANIEL WEINER EPA ID:: CAC003013091	24710 ROCKY PEAK RD	ENE 1/8 - 1/4 (0.216 mi.)	2	10

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 11/09/2020 has revealed that there is 1 NPDES site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MT VISTA Facility Status: Active	***NORTHEAST SIDE OF MA***	***0 - 1/8 (0.000 mi.)***	***1***	***9***

CIWQS: The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

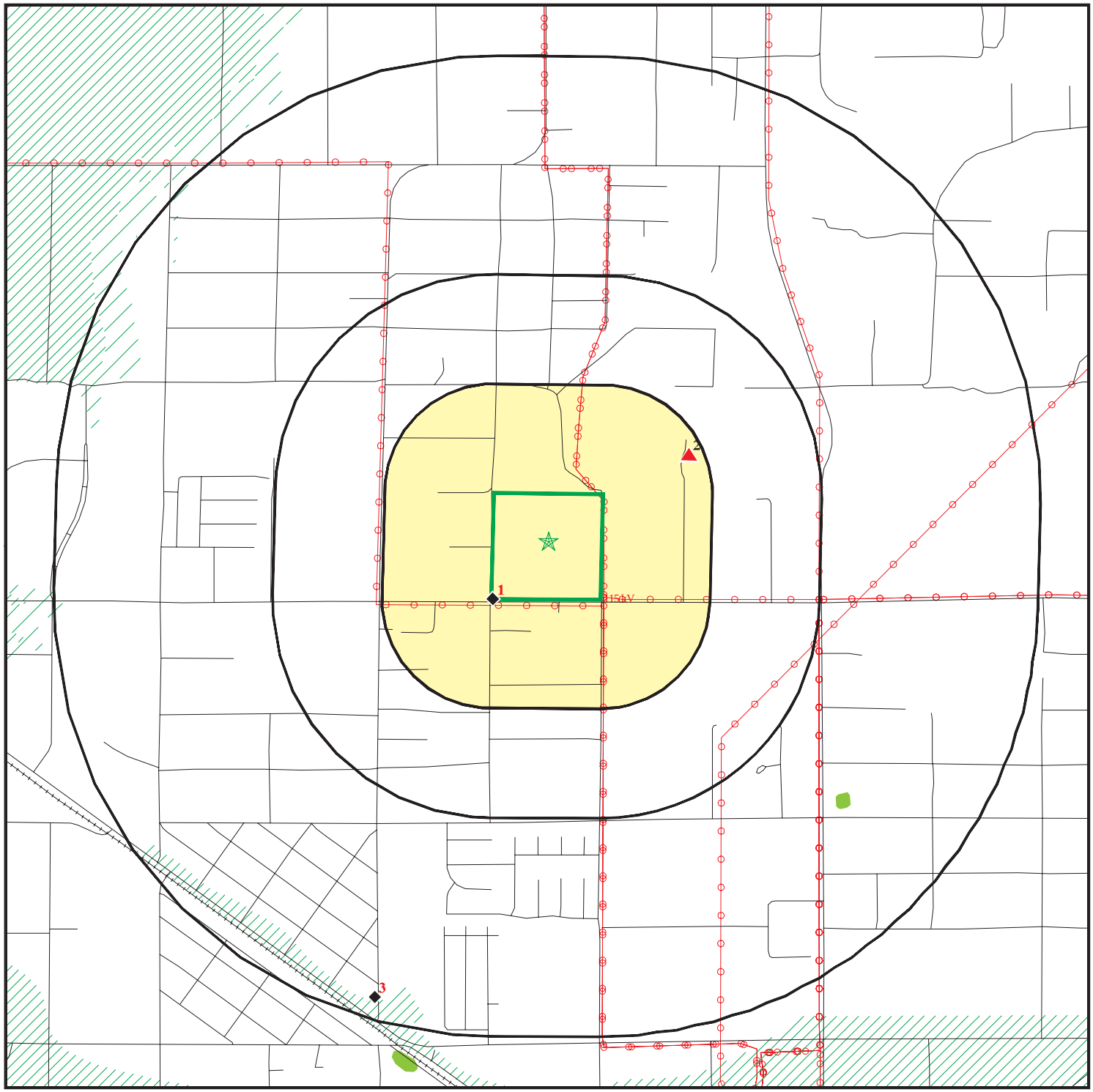
A review of the CIWQS list, as provided by EDR, and dated 08/31/2020 has revealed that there is 1 CIWQS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MT VISTA	***NORTHEAST SIDE OF MA***	***0 - 1/8 (0.000 mi.)***	***1***	***9***

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 6351937.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

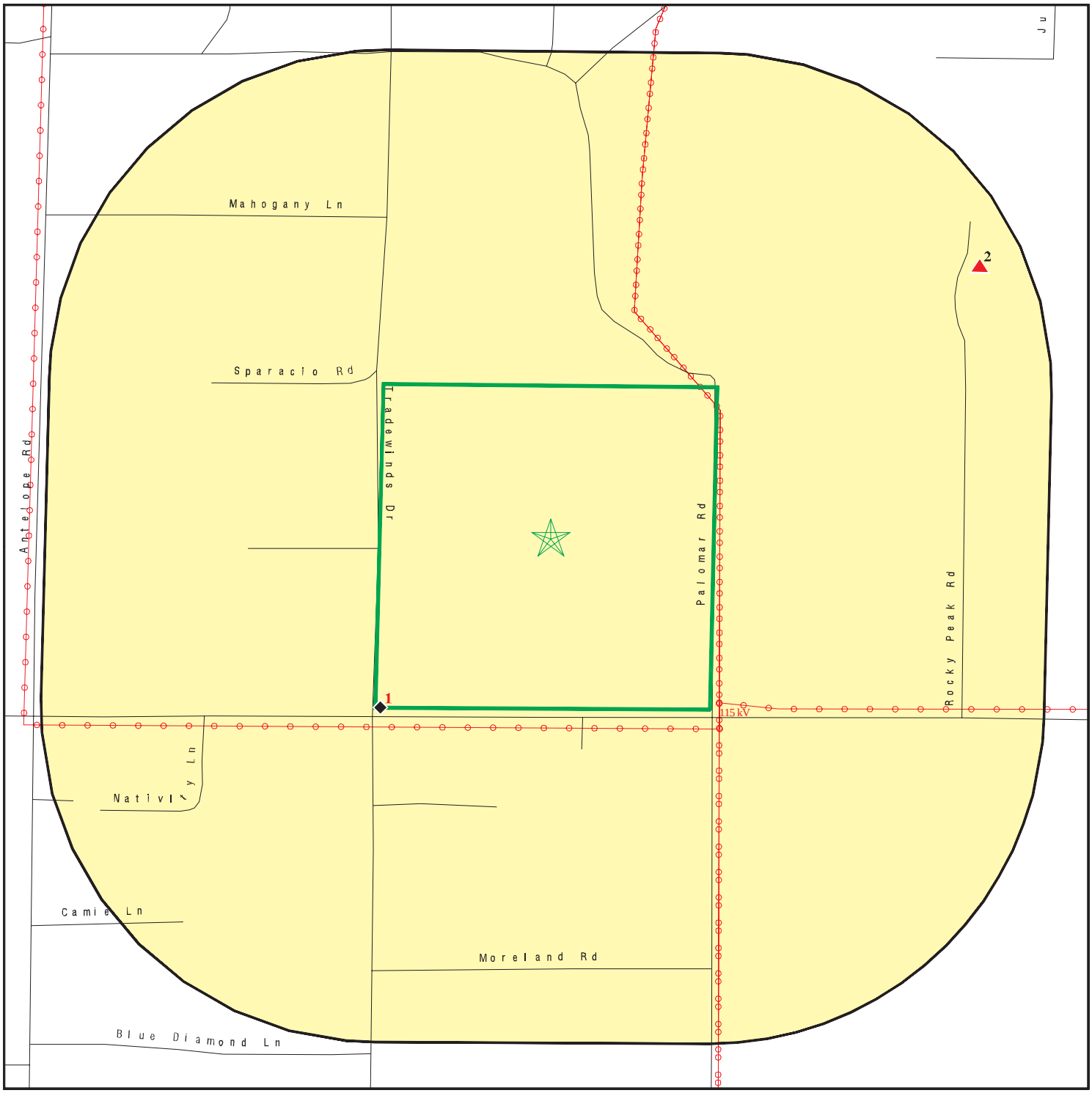
N

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Mount Vista	CLIENT:	GeoSoils, Inc.
ADDRESS:	NEC of Mapes Road and Tradewinds Drive Sun City CA 92585	CONTACT:	Todd Greer
LAT/LONG:	33.759595 / 117.165	INQUIRY #:	6351937.2s
		DATE:	February 01, 2021 6:42 pm

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DETAIL MAP - 6351937.2S



Target Property
Sites at elevations higher than or equal to the target property
Sites at elevations lower than the target property
Manufactured Gas Plants
Sensitive Receptors
National Priority List Sites
Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA
Power transmission lines
Special Flood Hazard Area (1%)
0.2% Annual Chance Flood Hazard
Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Mount Vista	CLIENT: GeoSoils, Inc.
ADDRESS: NEC of Mapes Road and Tradewinds Drive Sun City CA 92585	CONTACT: Todd Greer INQUIRY #: 6351937.2s
LAT/LONG: 33.759595 / 117.165	DATE: February 01, 2021 6:45 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		0	0	0	1	NR	1
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		1	NR	NR	NR	NR	1
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		1	NR	NR	NR	NR	1
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
HWTS	TP		NR	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	2	1	0	1	0	4

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1 **MT VISTA** **NPDES** **S125494970**
NORTHEAST SIDE OF MAPES RD & TRAIL WINDS DR **CIWQS** **N/A**
< 1/8 **ROMOLAND, CA 92585**
1 ft.

Relative:
Lower

Actual:
1472 ft.

NPDES:

Name:	MT VISTA
Address:	NORTHEAST SIDE OF MAPES RD & TRAIL WINDS DR
City,State,Zip:	ROMOLAND, CA 92585
Facility Status:	Active
NPDES Number:	CAS000002
Region:	8
Agency Number:	0
Regulatory Measure ID:	513812
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	8 33C389147
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/13/2020
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1505 South D Street
Discharge Name:	Watermarke Homes LLC
Discharge City:	San Bernardino
Discharge State:	California
Discharge Zip:	92408
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

Name:	MT VISTA
Address:	NORTHEAST SIDE OF MAPES RD & TRAIL WINDS DR
City,State,Zip:	ROMOLAND, CA 92585
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	8 33C389147
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active

MT VISTA (Continued) **S125494970**

Status Date:	01/13/2020
Operator Name:	Watermarke Homes LLC
Operator Address:	1505 South D Street
Operator City:	San Bernardino
Operator State:	California
Operator Zip:	92408

CIWQS:

Name:	MT VISTA
Address:	NORTHEAST SIDE OF MAPES RD & TRAIL WINDS DR
City,State,Zip:	ROMOLAND, CA 92585
Agency:	Watermarke Homes LLC
Agency Address:	1505 South D Street Suite 200, San Bernardino, CA 92408
Place/Project Type:	Construction - Residential
SIC/NAICS:	Not reported
Region:	8
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	8 33C389147
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	01/13/2020
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.75774
Longitude:	-117.16722

---

2 **DANIEL WEINER** **RCRA NonGen / NLR** **1025833514**
ENE **24710 ROCKY PEAK RD** **CAC003013091**
1/8-1/4 **ROMOLAND, CA 92585**
0.216 mi.
1143 ft.

Relative:
Higher

Actual:
1556 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2019-05-02 00:00:00.0
Handler Name:	DANIEL WEINER	
Handler Address:		24710 ROCKY PEAK RD
Handler City,State,Zip:		ROMOLAND, CA 92585
EPA ID:		CAC003013091
Contact Name:		DANIEL WEINER
Contact Address:		24710 ROCKY PEAK RD
Contact City,State,Zip:		ROMOLAND, CA 92585
Contact Telephone:		951-663-6920
Contact Fax:		Not reported
Contact Email:		SHELBY119H@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified

DANIEL WEINER (Continued) **1025833514**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	24710 ROCKY PEAK RD
Mailing City,State,Zip:	ROMOLAND_33_4, CA 92585
Owner Name:	DANIEL WEINER
Owner Type:	Other
Operator Name:	DANIEL WEINER
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

DANIEL WEINER (Continued) **1025833514**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2019-06-27 11:34:30.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DANIEL WEINER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	24710 ROCKY PEAK RD
Owner/Operator City,State,Zip:	ROMOLAND, CA 92585
Owner/Operator Telephone:	951-663-6920
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DANIEL WEINER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	24710 ROCKY PEAK RD
Owner/Operator City,State,Zip:	ROMOLAND, CA 92585
Owner/Operator Telephone:	951-663-6920
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2019-05-02 00:00:00.0
Handler Name: DANIEL WEINER	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

DANIEL WEINER (Continued) **1025833514**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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3 **HIGH SCHOOL NO. 3** **ENVIROSTOR** **S105840774**
SSW **BRIGGS ROAD/PINACATE ROAD** **SCH** **N/A**
1/2-1 **ROMOLAND, CA 92585** **CERS**
0.948 mi.
5007 ft.

Relative:
Lower

Actual:
1448 ft.

ENVIROSTOR:

Name:	HIGH SCHOOL NO. 3
Address:	BRIGGS ROAD/PINACATE ROAD
City,State,Zip:	ROMOLAND, CA 92585
Facility ID:	33010072
Status:	No Further Action
Status Date:	03/19/2003
Site Code:	404438
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	60
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	67
Senate:	23
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.74451
Longitude:	-117.1718
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Aldrin Chlordane DDD DDE DDT Dieldrin Endosulfan Endrin HCH (alpha HCH (beta HCH (gamma) Lindane HCH-technical Heptachlor Heptachlor epoxide Mirex Toxaphene TPH-diesel TPH-gas PCBs (unspeciated mixture, high risk, e.g. Aroclor 1254 PCBs (unspeciated mixture, low risk, e.g. Aroclor 1016 Polybrominated biphenyls Polychlorinated biphenyls (PCBs Polychlorinated biphenyls (PCBs, see IRIS Polynuclear aromatic hydrocarbons (PAHs
Confirmed COC:	30004-NO 30006-NO 30007-NO 30008-NO 30010-NO 30019-NO 30024-NO 30025-NO 30468-NO 30470-NO 30309-NO 30313-NO 30314-NO 30315-NO 30316-NO 30207-NO 30467-NO 30469-NO 30400-NO 30261-NO 30043-NO 30308-NO 30018-NO 30023-NO
Potential Description:	SOIL
Alias Name:	AGRI-EMPIRE
Alias Type:	Alternate Name
Alias Name:	HIGH SCHOOL NO. 3
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HIGH SCHOOL DISTRICT

HIGH SCHOOL NO. 3 (Continued) **S105840774**

Alias Type: Alternate Name
Alias Name: PERRIS UNION HSD-PROPOSED HIGH SCHOOL #3
Alias Type: Alternate Name
Alias Name: 404438
Alias Type: Project Code (Site Code)
Alias Name: 33010072
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 12/29/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/02/2003
Comments: Phase 1 Draft

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/12/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/19/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: HIGH SCHOOL NO. 3
Address: BRIGGS ROAD/PINACATE ROAD
City,State,Zip: ROMOLAND, CA 92585
Facility ID: 33010072
Site Type: School Investigation
Site Type Detail: School

HIGH SCHOOL NO. 3 (Continued) **S105840774**

Site Mgmt. Req.:	NONE SPECIFIED
Acres:	60
National Priorities List:	NO
Cleanup Oversight Agencies:	DTSC
Lead Agency:	DTSC
Lead Agency Description:	* DTSC
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404438
Assembly:	67
Senate:	23
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	03/19/2003
Restricted Use:	NO
Funding:	School District
Latitude:	33.74451
Longitude:	-117.1718
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Aldrin, Chlordane, DDD, DDE, DDT, Dieldrin, Endosulfan, Endrin, HCH (alpha, HCH (beta, HCH (gamma) Lindane, HCH-technical, Heptachlor, Heptachlor epoxide, Mirex, Toxaphene, TPH-diesel, TPH-gas, PCBs (unspeciated mixture, high risk, e.g. Aroclor 1254, PCBs (unspeciated mixture, low risk, e.g. Aroclor 1016, Polybrominated biphenyls, Polychlorinated biphenyls (PCBs, Polychlorinated biphenyls (PCBs, see IRIS, Polynuclear aromatic hydrocarbons (PAHs
Confirmed COC:	30004-NO, 30006-NO, 30007-NO, 30008-NO, 30010-NO, 30019-NO, 30024-NO, 30025-NO, 30468-NO, 30470-NO, 30309-NO, 30313-NO, 30314-NO, 30315-NO, 30316-NO, 30207-NO, 30467-NO, 30469-NO, 30400-NO, 30261-NO, 30043-NO, 30308-NO, 30018-NO, 30023-NO
Potential Description:	SOIL
Alias Name:	AGRI-EMPIRE
Alias Type:	Alternate Name
Alias Name:	HIGH SCHOOL NO. 3
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HIGH SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HSD-PROPOSED HIGH SCHOOL #3
Alias Type:	Alternate Name
Alias Name:	404438
Alias Type:	Project Code (Site Code)
Alias Name:	33010072
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	09/15/2004
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Workplan
Completed Date:	12/29/2003
Comments:	Not reported

HIGH SCHOOL NO. 3 (Continued) **S105840774**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/02/2003
Comments: Phase 1 Draft

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/12/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/19/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

CERS:
Name: HIGH SCHOOL NO. 3
Address: BRIGGS ROAD/PINACATE ROAD
City,State,Zip: ROMOLAND, CA 92585
Site ID: 338296
CERS ID: 33010072
CERS Description: School Investigation

Affiliation:
Affiliation Type Desc: Supervisor
Entity Name: JAVIER HINOJOSA
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates 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 the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The 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 potential NPL site.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/11/2020
Number of Days to Update: 82

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/15/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 7

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/09/2020
Date Data Arrived at EDR: 11/10/2020
Date Made Active in Reports: 01/14/2021
Number of Days to Update: 65

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/10/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

LUST REG 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 07/21/2020
Date Data Arrived at EDR: 09/03/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 83

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 09/03/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/03/2020
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/21/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/11/2020
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
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 takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/14/2020
Date Data Arrived at EDR: 09/15/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 05/28/2020
Date Data Arrived at EDR: 05/29/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 75

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2019
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 05/20/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/06/2020
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CERS TANKS: California Environmental Reporting System (CERS) Tanks
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.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/26/2020
Date Data Arrived at EDR: 08/28/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 81

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The 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 deed restrictions that are active. Some sites have multiple deed restrictions. The 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.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81
Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/20/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80
Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 09/29/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 69

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/07/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/21/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/06/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/21/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2020
Date Data Arrived at EDR: 11/12/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 74

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34
Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/10/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 59
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 12/04/2019
Date Made Active in Reports: 01/15/2020
Number of Days to Update: 42
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/30/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/06/2021
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/27/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 10/08/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 88

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/06/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/20/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/24/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 63

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by 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 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.

Date of Government Version: 09/16/2020
Date Data Arrived at EDR: 09/17/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/10/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/04/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 55

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 07/26/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 71

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites
A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 10/03/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 90
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 73
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6
Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 74
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64
Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/19/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 14

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/28/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 81

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 11/13/2020
Number of Days to Update: 79

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 10/16/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/22/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 01/29/2021
Number of Days to Update: 77

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/04/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/17/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/17/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/05/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2020
Date Data Arrived at EDR: 11/10/2020
Date Made Active in Reports: 01/27/2021
Number of Days to Update: 78
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/07/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 20
Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29
Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 78

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 10/19/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/24/2020
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 83

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 70

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/22/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/29/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/21/2021
Date Made Active in Reports: 01/28/2021
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/11/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 71

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 84

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 10/09/2020
Date Made Active in Reports: 12/29/2020
Number of Days to Update: 81

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42
Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/20/2020
Date Data Arrived at EDR: 10/09/2020
Date Made Active in Reports: 12/29/2020
Number of Days to Update: 81
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21
Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/07/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 09/11/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 77

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/28/2020
Date Data Arrived at EDR: 07/30/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 1

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 08/20/2020
Date Data Arrived at EDR: 08/24/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 77

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/15/2020
Next Scheduled EDR Contact: 03/08/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 16

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/28/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 79

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/02/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/21/2021
Number of Days to Update: 79

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/03/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 1

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27
Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 78
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77
Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/04/2020
Date Data Arrived at EDR: 08/05/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 82
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/23/2020
Number of Days to Update: 84

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/27/2021
Number of Days to Update: 82

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 07/27/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 75

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/11/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/20/2020
Date Data Arrived at EDR: 08/20/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 81

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 09/16/2020
Number of Days to Update: 21

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/03/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 7

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 09/18/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 11/17/2020
Number of Days to Update: 83

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/11/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 75

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/30/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 10/28/2020
Next Scheduled EDR Contact: 02/15/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/28/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/02/2021
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/28/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/26/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/21/2020
Date Data Arrived at EDR: 12/23/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 12
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/20/2020
Next Scheduled EDR Contact: 04/11/2021
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 08/06/2020
Date Data Arrived at EDR: 08/07/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 80

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/03/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MOUNT VISTA
NEC OF MAPES ROAD AND TRADEWINDS DRIVE
SUN CITY, CA 92585

TARGET PROPERTY COORDINATES

Latitude (North):	33.759595 - 33° 45' 34.54''
Longitude (West):	117.165 - 117° 9' 54.00''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	484719.5
UTM Y (Meters):	3735319.5
Elevation:	1481 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5641330 PERRIS, CA
Version Date:	2012
South Map:	5641314 ROMOLAND, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

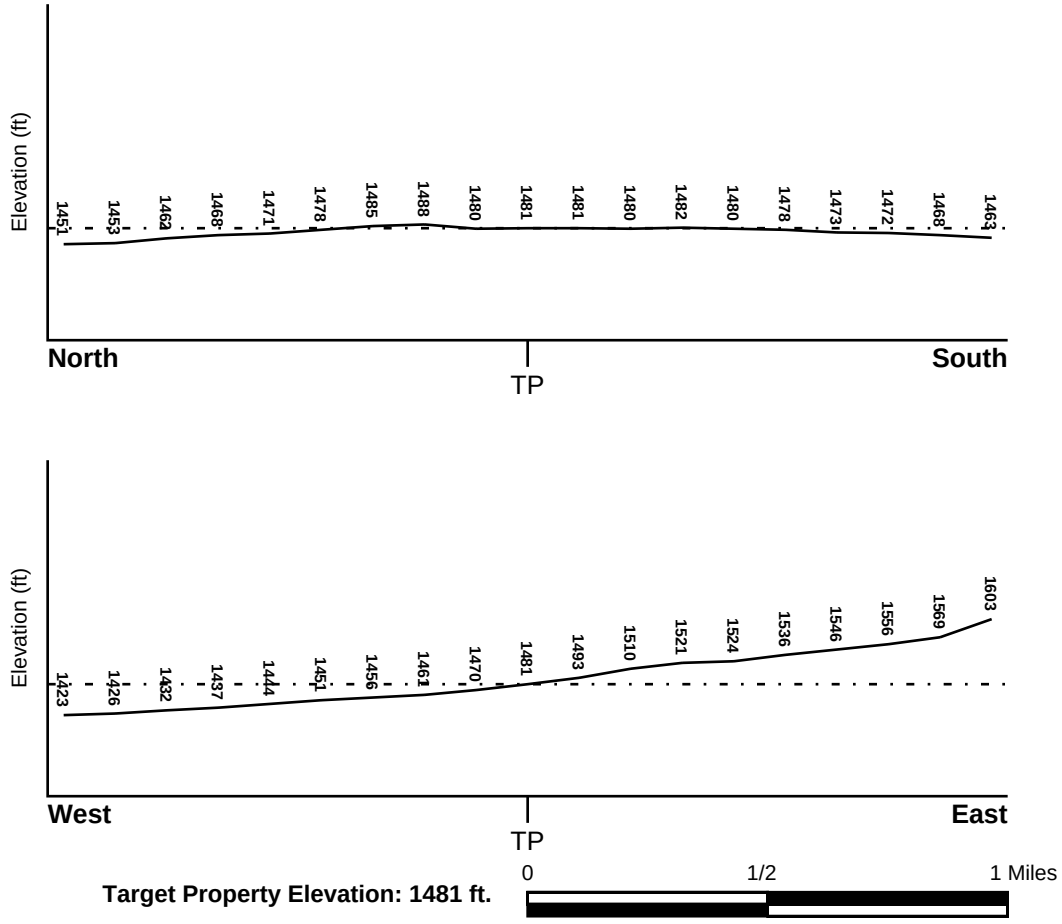
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06065C1445H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06065C2060H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

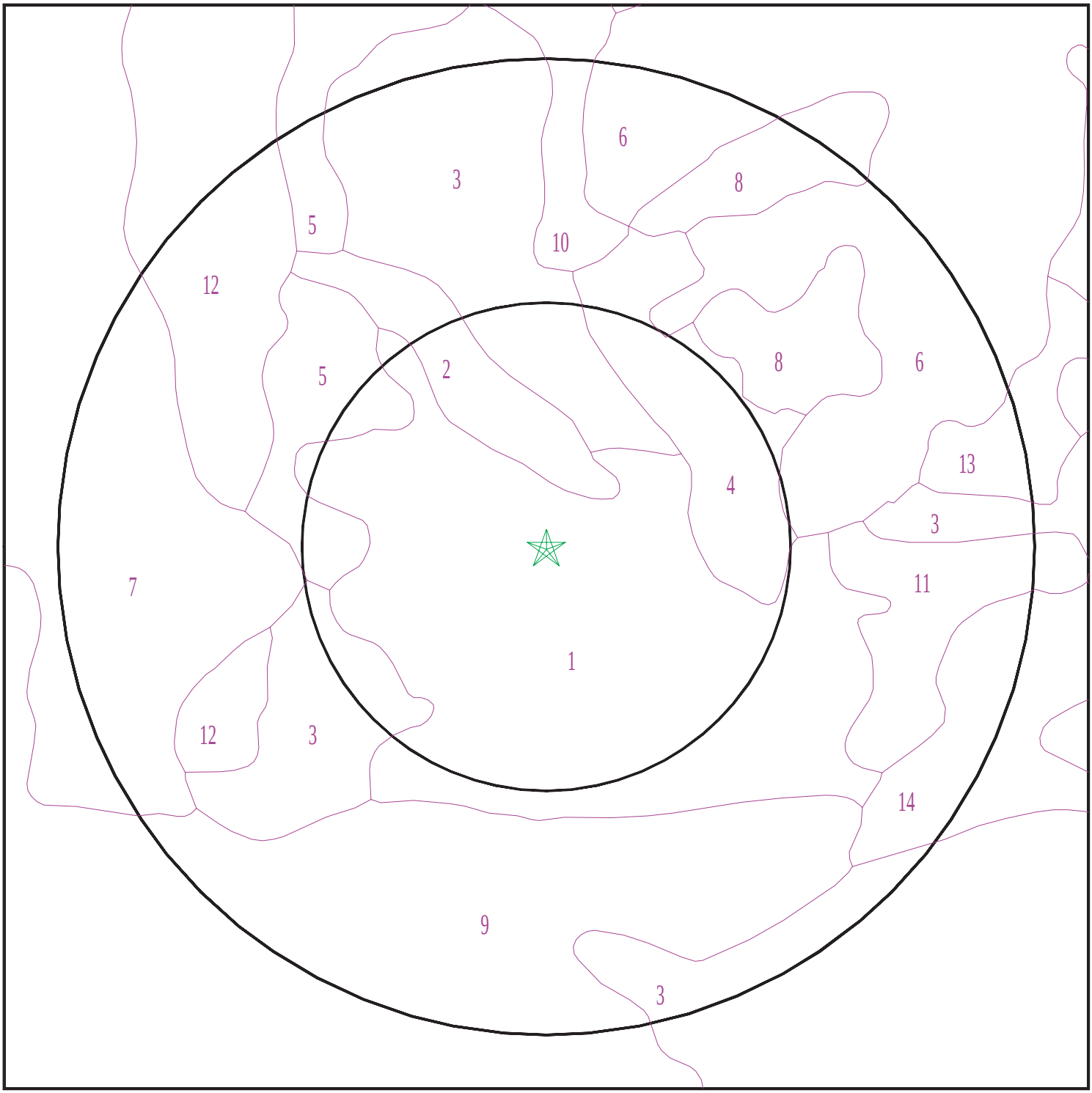
Era:	Mesozoic
System:	Cretaceous
Series:	Cretaceous granitic rocks
Code:	Kg *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 6351937.2s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Mount Vista	CLIENT:	GeoSoils, Inc.
ADDRESS:	NEC of Mapes Road and Tradewinds Drive Sun City CA 92585	CONTACT:	Todd Greer
LAT/LONG:	33.759595 / 117.165	INQUIRY #:	6351937.2s
		DATE:	February 01, 2021 6:46 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: EXETER

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
2	16 inches	37 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	37 inches	50 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
4	50 inches	59 inches	stratified sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: MONSERATE

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
2	9 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
3	27 inches	44 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
4	44 inches	57 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
5	57 inches	70 inches	loamy coarse sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: GREENFIELD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
2	25 inches	42 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
3	42 inches	59 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
4	59 inches	72 inches	stratified loamy sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

Soil Map ID: 4

Soil Component Name: FALLBROOK

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	14 inches	24 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
3	24 inches	27 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 5

Soil Component Name: EXETER

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
2	16 inches	37 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	37 inches	50 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
4	50 inches	59 inches	stratified sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Map ID: 6

Soil Component Name: Cieneba

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	14 inches	22 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 7

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	14 inches	22 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	22 inches	68 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 8

Soil Component Name: HANFORD

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

Soil Map ID: 9

Soil Component Name: GREENFIELD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
2	25 inches	42 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
3	42 inches	59 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
4	59 inches	72 inches	stratified loamy sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

Soil Map ID: 10

Soil Component Name: VISTA

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	14 inches	24 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
3	24 inches	29 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 11

Soil Component Name: MONSERATE

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
2	9 inches	18 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
3	18 inches	44 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
4	44 inches	57 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
5	57 inches	70 inches	loamy coarse sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

Soil Map ID: 12

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	14 inches	22 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	22 inches	68 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 13

Soil Component Name: CIENEBA

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	14 inches	22 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 14

Soil Component Name: HANFORD

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	USGS40000137953	1/4 - 1/2 Mile ENE
B5	USGS40000137976	1/4 - 1/2 Mile NW
C6	USGS40000137965	1/4 - 1/2 Mile WNW
D7	USGS40000137893	1/4 - 1/2 Mile SSW
F15	USGS40000137927	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
23	USGS40000138026	1/2 - 1 Mile North
H26	USGS40000137841	1/2 - 1 Mile SSW
I34	USGS40000138008	1/2 - 1 Mile NE
J36	USGS40000137974	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

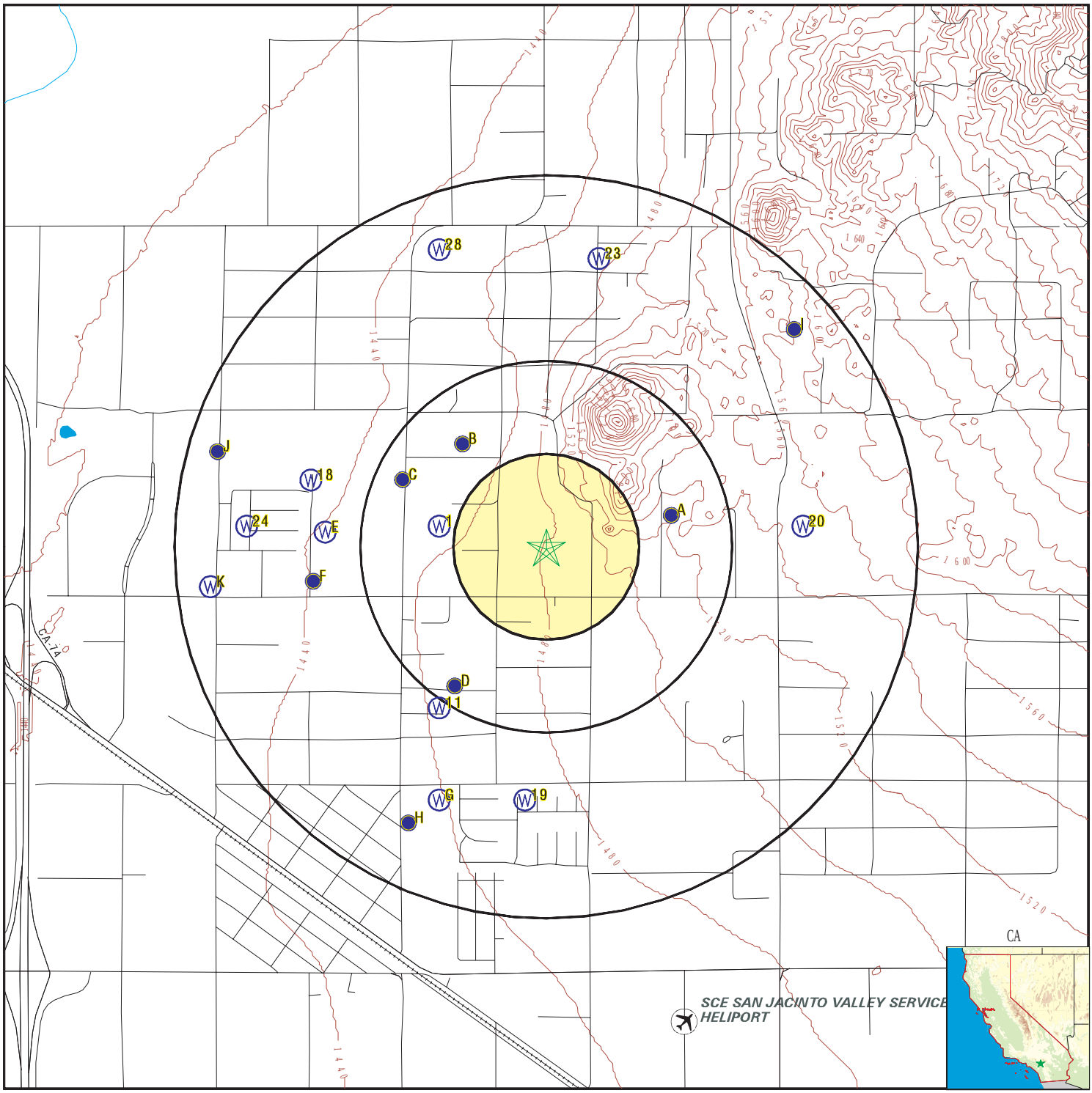
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CADWR0000025295	1/4 - 1/2 Mile West
A3	CAUSGSN00009859	1/4 - 1/2 Mile ENE
B4	CAUSGSN00007405	1/4 - 1/2 Mile NW
D8	CAUSGSN00000735	1/4 - 1/2 Mile SSW
C9	CADWR8000005393	1/4 - 1/2 Mile WNW
D10	CADWR8000005345	1/4 - 1/2 Mile SW
11	CADWR0000027763	1/2 - 1 Mile SSW
E12	CADWR0000030136	1/2 - 1 Mile West
E13	CADWR0000016766	1/2 - 1 Mile West
F14	CAUSGSN00008621	1/2 - 1 Mile West
E16	CADWR8000005385	1/2 - 1 Mile West
F17	CADWR8000005372	1/2 - 1 Mile West
18	CADWR8000005394	1/2 - 1 Mile WNW
19	CADWR0000032495	1/2 - 1 Mile South
20	CADWR0000033726	1/2 - 1 Mile East
G21	CADWR0000000215	1/2 - 1 Mile SSW
G22	CADWR0000022880	1/2 - 1 Mile SSW
24	CADWR0000007383	1/2 - 1 Mile West
H25	CADDW0000006636	1/2 - 1 Mile SSW
H27	CAUSGSN00001214	1/2 - 1 Mile SSW
28	CADWR0000011003	1/2 - 1 Mile NNW
I29	CADWR8000005414	1/2 - 1 Mile NE
J30	CADWR8000005397	1/2 - 1 Mile WNW
K31	CADDW0000007907	1/2 - 1 Mile West
K32	CAUSGSN00003820	1/2 - 1 Mile West
K33	CAUSGS000001746	1/2 - 1 Mile West
J35	CAUSGSN00004427	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 6351937.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Mount Vista	CLIENT:	GeoSoils, Inc.
ADDRESS:	NEC of Mapes Road and Tradewinds Drive Sun City CA 92585	CONTACT:	Todd Greer
LAT/LONG:	33.759595 / 117.165	INQUIRY #:	6351937.2s
		DATE:	February 01, 2021 6:45 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
West
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000025295**

Well ID:	05S03W02N001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W02N001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W02N001S&store_num=		
GeoTracker Data:	Not Reported		

A2
ENE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000137953**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W02Q001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

A3
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAUSGSN00009859**

Well ID:	USGS-334539117093001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334539117093001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334539117093001&store_num=		
GeoTracker Data:	Not Reported		

B4
NW
1/4 - 1/2 Mile
Lower

CA WELLS **CAUSGSN00007405**

Well ID:	USGS-334549117100501	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334549117100501	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334549117100501&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B5
NW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000137976**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W02M002S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19881219	Well Depth:	240
Well Depth Units:	ft	Well Hole Depth:	240
Well Hole Depth Units:	ft		

C6
WNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000137965**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W02M001S	Type:	Well
Description:	ORIG DEPTH 300 SOUNDED DEPTH 229 FT 950428		
HUC:	18070202	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	229
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	2	Level reading date:	1995-09-13
Feet below surface:	136.64	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1995-04-28	Feet below surface:	140.31
Feet to sea level:	Not Reported	Note:	Not Reported

D7
SSW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000137893**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W11D001S	Type:	Well
Description:	WELL IS LOCATED INSIDE SHED ALONGSIDE WATER TANK		
HUC:	18070202	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	198712	Well Depth:	227
Well Depth Units:	ft	Well Hole Depth:	Not Reported

Well Hole Depth Units: Not Reported

Ground water levels,Number of Measurements: 1 Level reading date: 1995-05-05
Feet below surface: 134.26 Feet to sea level: Not Reported
Note: Not Reported

D8
SSW **CA WELLS** **CAUSGSN00000735**
1/4 - 1/2 Mile
Lower

Well ID: USGS-334515117100501 Well Type: UNK
Source: United States Geological Survey
Other Name: USGS-334515117100501 GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334515117100501&store_num=
GeoTracker Data: Not Reported

C9
WNW **CA WELLS** **CADWR8000005393**
1/4 - 1/2 Mile
Lower

State Well #: 05S03W02M001S Station ID: 6300
Well Name: Not Reported Well Use: Unknown
Well Type: Unknown Well Depth: 0
Basin Name: San Jacinto Well Completion Rpt #: Not Reported

D10
SW **CA WELLS** **CADWR8000005345**
1/4 - 1/2 Mile
Lower

State Well #: 05S03W11D001S Station ID: 6311
Well Name: Not Reported Well Use: Unknown
Well Type: Unknown Well Depth: 0
Basin Name: San Jacinto Well Completion Rpt #: Not Reported

11
SSW **CA WELLS** **CADWR0000027763**
1/2 - 1 Mile
Lower

Well ID: 05S03W11E001S Well Type: UNK
Source: Department of Water Resources
Other Name: 05S03W11E001S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W11E001S&store_num=
GeoTracker Data: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E12
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000030136**

Well ID:	05S03W03R001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W03R001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W03R001S&store_num=		
GeoTracker Data:	Not Reported		

E13
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000016766**

Well ID:	05S03W03R002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W03R002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W03R002S&store_num=		
GeoTracker Data:	Not Reported		

F14
West
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00008621**

Well ID:	USGS-334530117103001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334530117103001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334530117103001&store_num=		
GeoTracker Data:	Not Reported		

F15
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000137927**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W03R001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1952	Well Depth:	540
Well Depth Units:	ft	Well Hole Depth:	540
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E16
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000005385**

State Well #:	Not Reported	Station ID:	48334
Well Name:	EMWD12731	Well Use:	Observation
Well Type:	Single Well	Well Depth:	527
Basin Name:	San Jacinto	Well Completion Rpt #:	Not Reported

F17
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000005372**

State Well #:	Not Reported	Station ID:	48333
Well Name:	EMWD12730	Well Use:	Irrigation
Well Type:	Single Well	Well Depth:	531
Basin Name:	San Jacinto	Well Completion Rpt #:	Not Reported

18
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000005394**

State Well #:	Not Reported	Station ID:	48332
Well Name:	EMWD12724	Well Use:	Irrigation
Well Type:	Single Well	Well Depth:	0
Basin Name:	San Jacinto	Well Completion Rpt #:	Not Reported

19
South
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000032495**

Well ID:	05S03W11L001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W11L001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W11L001S&store_num=		
GeoTracker Data:	Not Reported		

20
East
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000033726**

Well ID:	05S03W01N001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W01N001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W01N001S&store_num=		

GeoTracker Data: Not Reported

G21
SSW **CA WELLS** **CADWR0000000215**
1/2 - 1 Mile
Lower

Well ID:	05S03W11M001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W11M001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W11M001S&store_num=		
GeoTracker Data:	Not Reported		

G22
SSW **CA WELLS** **CADWR0000022880**
1/2 - 1 Mile
Lower

Well ID:	05S03W11M002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W11M002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W11M002S&store_num=		
GeoTracker Data:	Not Reported		

23
North **FED USGS** **USGS40000138026**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W02C001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19900912	Well Depth:	300
Well Depth Units:	ft	Well Hole Depth:	300
Well Hole Depth Units:	ft		

24
West **CA WELLS** **CADWR0000007383**
1/2 - 1 Mile
Lower

Well ID:	05S03W03Q002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W03Q002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W03Q002S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H25
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000006636**

Well ID:	3310009-074	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 81 (DESALTER SUPPLY)	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3310009-074&store_num=		
GeoTracker Data:	Not Reported		

H26
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000137841**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W11M002S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	787
Well Depth Units:	ft	Well Hole Depth:	787
Well Hole Depth Units:	ft		

H27
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00001214**

Well ID:	USGS-334455117101401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334455117101401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334455117101401&store_num=		
GeoTracker Data:	Not Reported		

28
NNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000011003**

Well ID:	05S03W02D001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W02D001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W02D001S&store_num=		
GeoTracker Data:	Not Reported		

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Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I29
NE
1/2 - 1 Mile
Higher

CA WELLS **CADWR8000005414**

State Well #:	04S03W01E001S	Station ID:	28911
Well Name:	Not Reported	Well Use:	Unknown
Well Type:	Unknown	Well Depth:	0
Basin Name:	Not Reported	Well Completion Rpt #:	Not Reported

J30
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR8000005397**

State Well #:	05S03W03L001S	Station ID:	6301
Well Name:	EMWD12726	Well Use:	Observation
Well Type:	Single Well	Well Depth:	249
Basin Name:	San Jacinto	Well Completion Rpt #:	Not Reported

K31
West
1/2 - 1 Mile
Lower

CA WELLS **CADDW0000007907**

Well ID:	3310009-068	Well Type:	MUNICIPAL
Source:	Department of Health Services		
Other Name:	WELL 82 (DESALTER SUPPLY)	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=3310009-068&store_num=		
GeoTracker Data:	Not Reported		

K32
West
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00003820**

Well ID:	USGS-334500117100001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334500117100001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334500117100001&store_num=		
GeoTracker Data:	Not Reported		

K33
West
1/2 - 1 Mile
Lower

CA WELLS **CAUSGS000001746**

Well ID:	USAWS-11	Well Type:	MUNICIPAL
Source:	United States Geological Survey		
Other Name:	USAWS-11	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGS&samp_date=&global_id=&assigned_name=USAWS-11&store_num=
GeoTracker Data: Not Reported

I34
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000138008**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S003W01E001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19900512	Well Depth:	500
Well Depth Units:	ft	Well Hole Depth:	500
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1994-10-03
Feet below surface:	67.70	Feet to sea level:	Not Reported
Note:	Not Reported		

J35
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00004427**

Well ID:	USGS-334548117104701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334548117104701	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334548117104701&store_num=
GeoTracker Data: Not Reported

J36
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000137974**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W03L001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19930920	Well Depth:	252
Well Depth Units:	ft	Well Hole Depth:	260
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	2	Level reading date:	1995-09-11

Feet below surface:	105.98	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-03-31	Feet below surface:	109.73
Feet to sea level:	Not Reported	Note:	Not Reported

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RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92585	6	0

Federal EPA Radon Zone for RIVERSIDE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Mount Vista

NEC of Mapes Road and Tradewinds Drive

Sun City, CA 92585

Inquiry Number: 6351937.3

February 01, 2021

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

02/01/21

Site Name:	Client Name:
Mount Vista	GeoSoils, Inc.
NEC of Mapes Road and Trade	26590 Madison Ave
Sun City, CA 92585	MURRIETA, CA 92562
EDR Inquiry # 6351937.3	Contact: Todd Greer

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by GeoSoils, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 24F5-4741-9095

PO # E7563-SC

Project Mount Vista

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: 24F5-4741-9095

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Mount Vista

NEC of Mapes Road and Tradewinds Drive

Sun City, CA 92585

Inquiry Number: 6351937.4

February 01, 2021

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

02/01/21

Site Name:

Mount Vista
NEC of Mapes Road and Trade
Sun City, CA 92585
EDR Inquiry # 6351937.4

Client Name:

GeoSoils, Inc.
26590 Madison Ave
MURRIETA, CA 92562
Contact: Todd Greer

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by GeoSoils, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# E7563-SC

Project: Mount Vista

Coordinates:

Latitude:	33.759595 33° 45' 35" North
Longitude:	-117.165 -117° 9' 54" West
UTM Zone:	Zone 11 North
UTM X Meters:	484719.81
UTM Y Meters:	3735513.10
Elevation:	1480.63' above sea level

Maps Provided:

2012	1901
1979	
1973	
1967	
1953	
1947	
1943	
1942	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



Romoland
2012
7.5-minute, 24000



Perris
2012
7.5-minute, 24000

1979 Source Sheets



Romoland
1979
7.5-minute, 24000
Aerial Photo Revised 1976



Perris
1979
7.5-minute, 24000
Aerial Photo Revised 1978

1973 Source Sheets

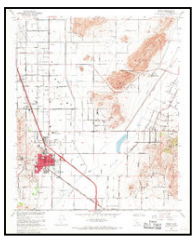


Romoland
1973
7.5-minute, 24000
Aerial Photo Revised 1973



Perris
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1967 Source Sheets

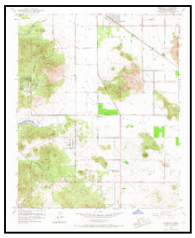


Perris
1967
7.5-minute, 24000
Aerial Photo Revised 1966

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1953 Source Sheets

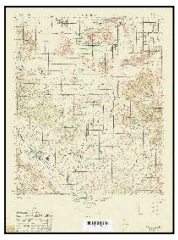


Romoland
1953
7.5-minute, 24000
Aerial Photo Revised 1951



Perris
1953
7.5-minute, 24000
Aerial Photo Revised 1951

1947 Source Sheets



MURRIETA
1947
15-minute, 50000

1943 Source Sheets



PERRIS
1943
15-minute, 62500



Murrieta
1943
15-minute, 62500
Aerial Photo Revised 1939

1942 Source Sheets



Perris
1942
15-minute, 62500
Aerial Photo Revised 1939



Murrieta
1942
15-minute, 62500
Aerial Photo Revised 1939

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

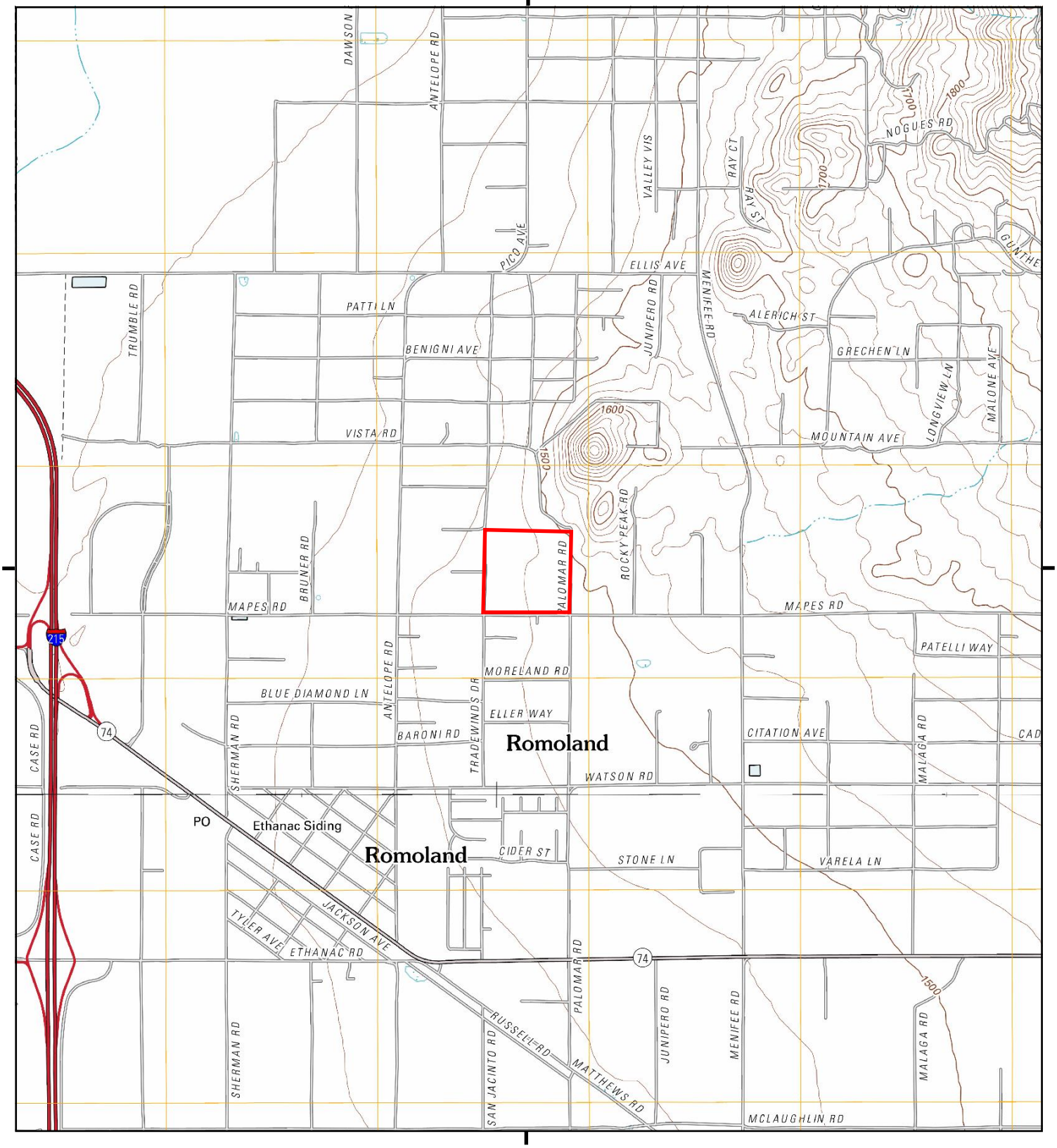
1901 Source Sheets



Elsinore
1901
30-minute, 125000

Historical Topo Map

2012



This report includes information from the following map sheet(s).

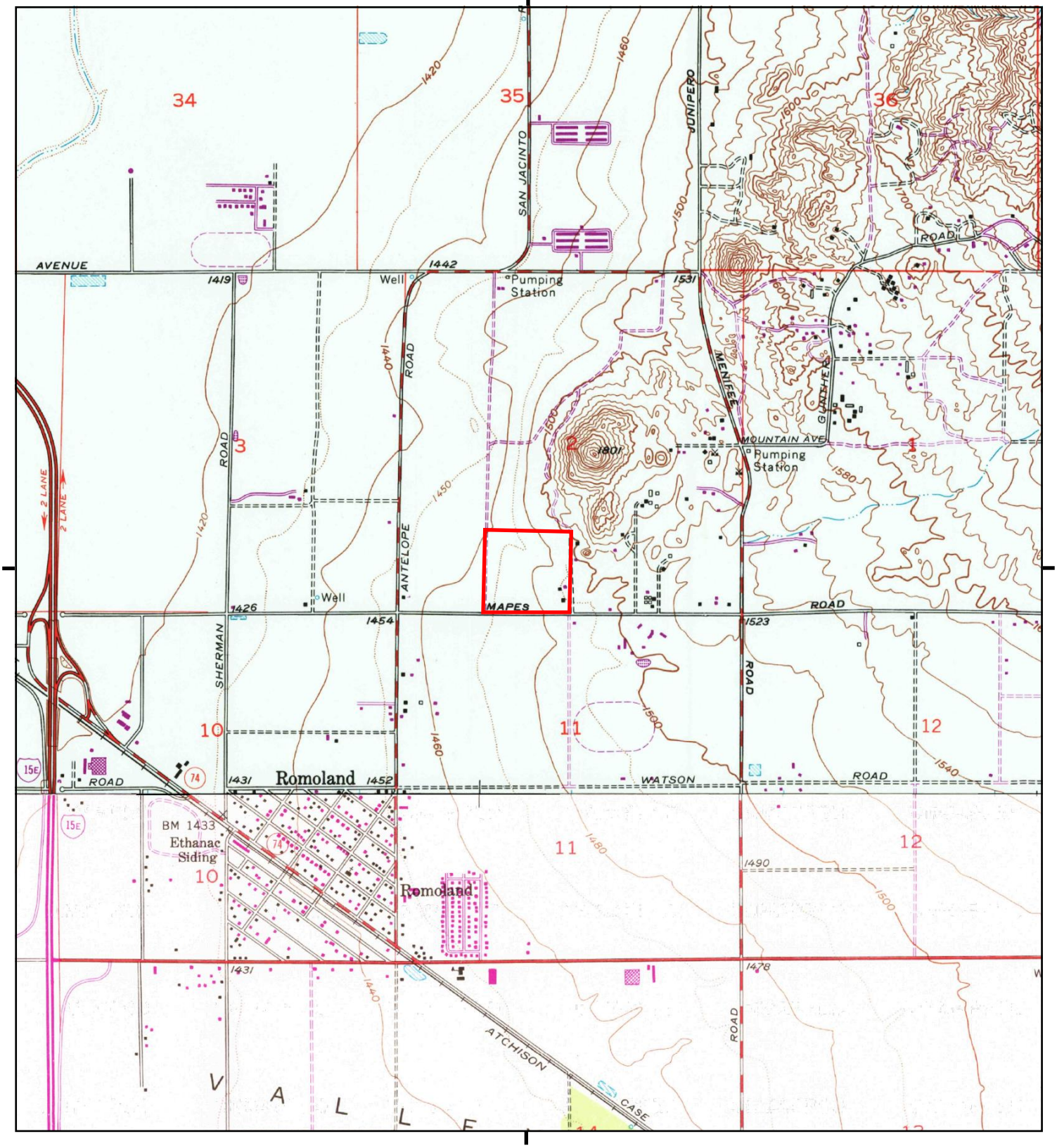
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Perris, 2012, 7.5-minute
S, Romoland, 2012, 7.5-minute

SITE NAME: Mount Vista
ADDRESS: NEC of Mapes Road and Tradewinds Dri
Sun City, CA 92585
CLIENT: GeoSoils, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

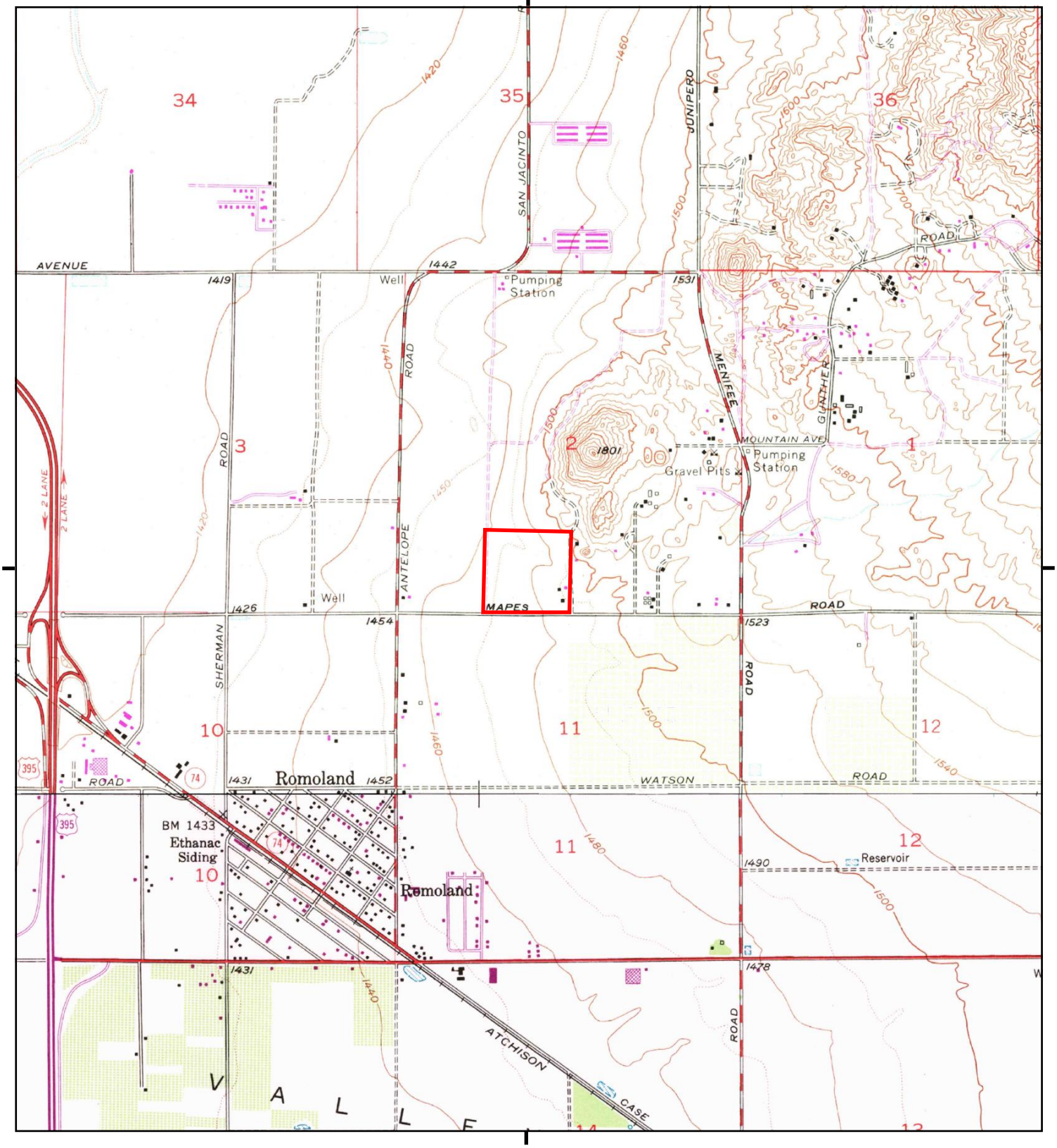
TP, Perris, 1979, 7.5-minute
S, Romoland, 1979, 7.5-minute

SITE NAME: Mount Vista
ADDRESS: NEC of Mapes Road and Tradewinds Driv
Sun City, CA 92585
CLIENT: GeoSoils, Inc.

N

Historical Topo Map

1973



This report includes information from the following map sheet(s).

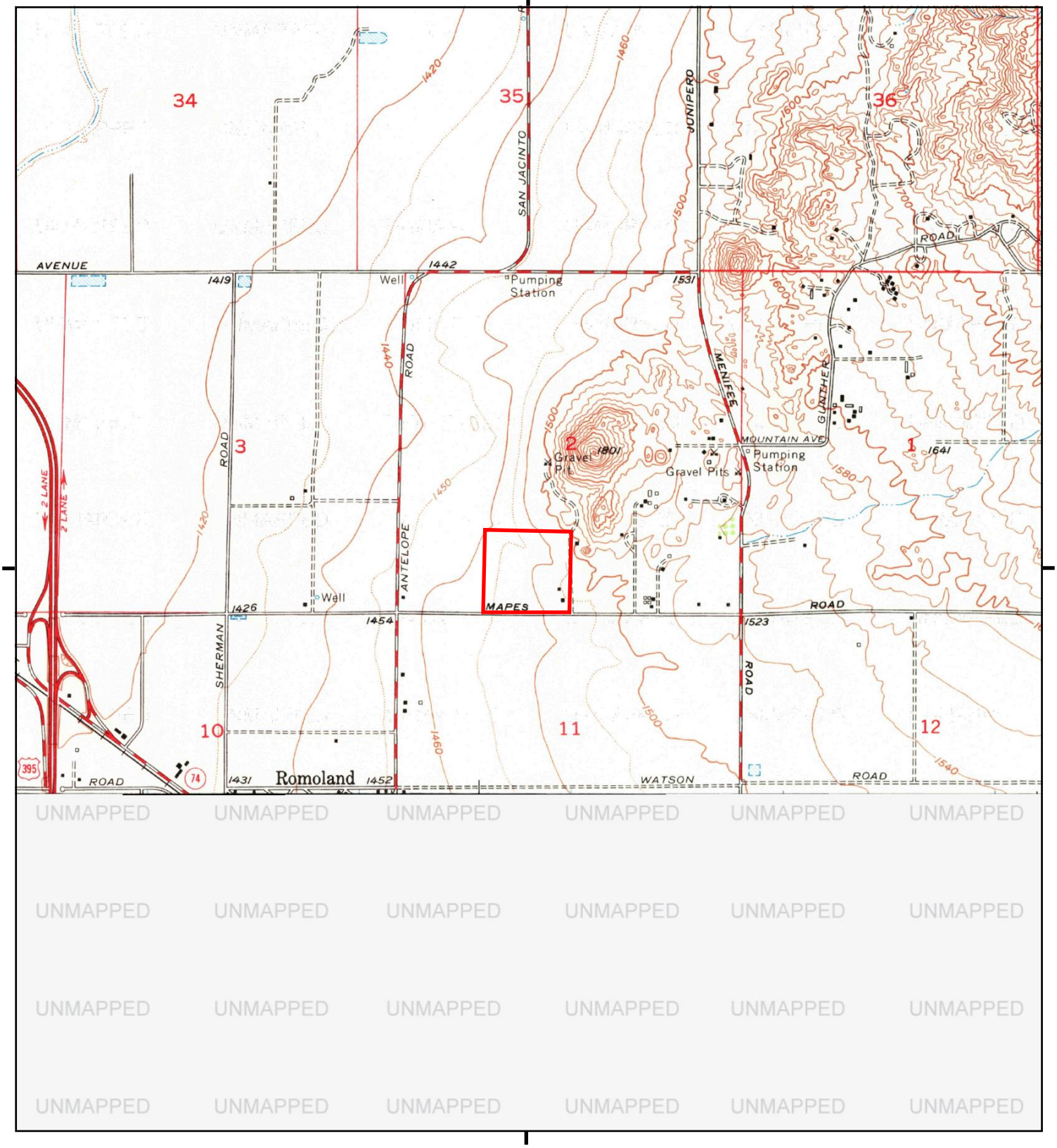
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Perris, 1973, 7.5-minute
S, Romoland, 1973, 7.5-minute

SITE NAME: Mount Vista
ADDRESS: NEC of Mapes Road and Tradewinds Driv
Sun City, CA 92585
CLIENT: GeoSoils, Inc.

N



UNMAPPED

This report includes information from the following map sheet(s).

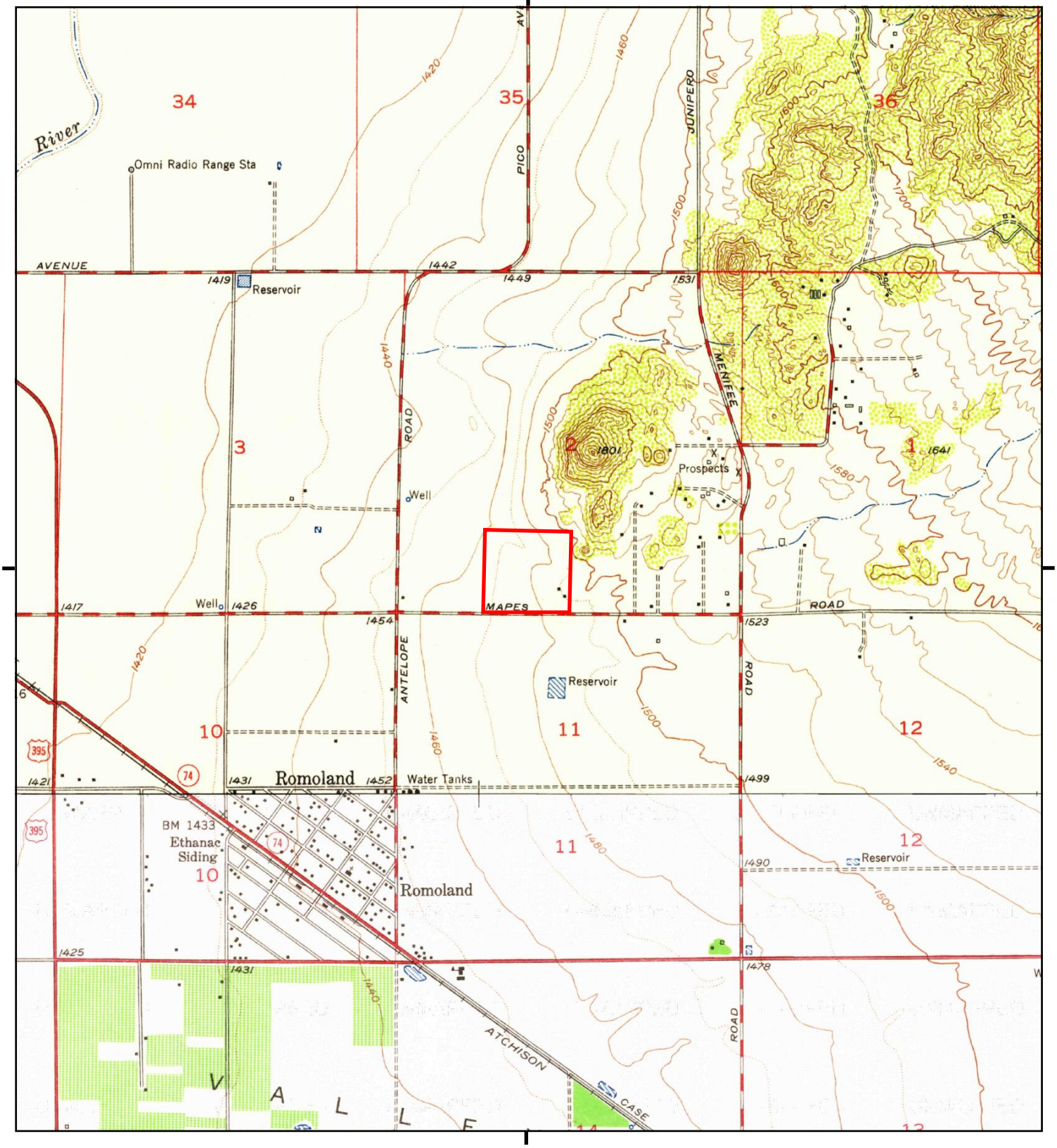
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Perris, 1967, 7.5-minute

SITE NAME: Mount Vista
ADDRESS: NEC of Mapes Road and Tradewinds Driv
Sun City, CA 92585
CLIENT: GeoSoils, Inc.

N



This report includes information from the following map sheet(s).

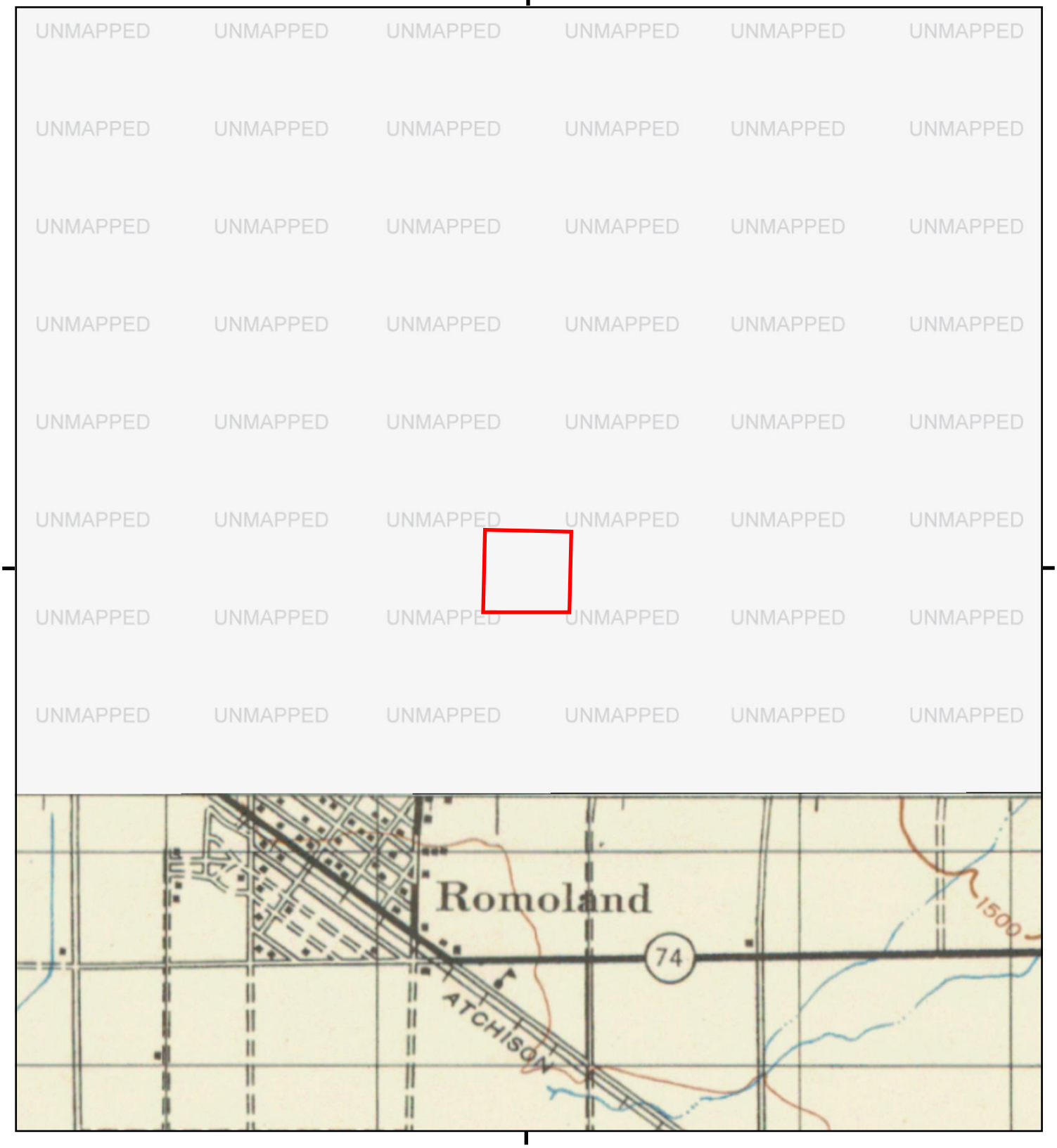
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Perris, 1953, 7.5-minute
S, Romoland, 1953, 7.5-minute

SITE NAME: Mount Vista
ADDRESS: NEC of Mapes Road and Tradewinds Driv
Sun City, CA 92585
CLIENT: GeoSoils, Inc.

N



This report includes information from the following map sheet(s).

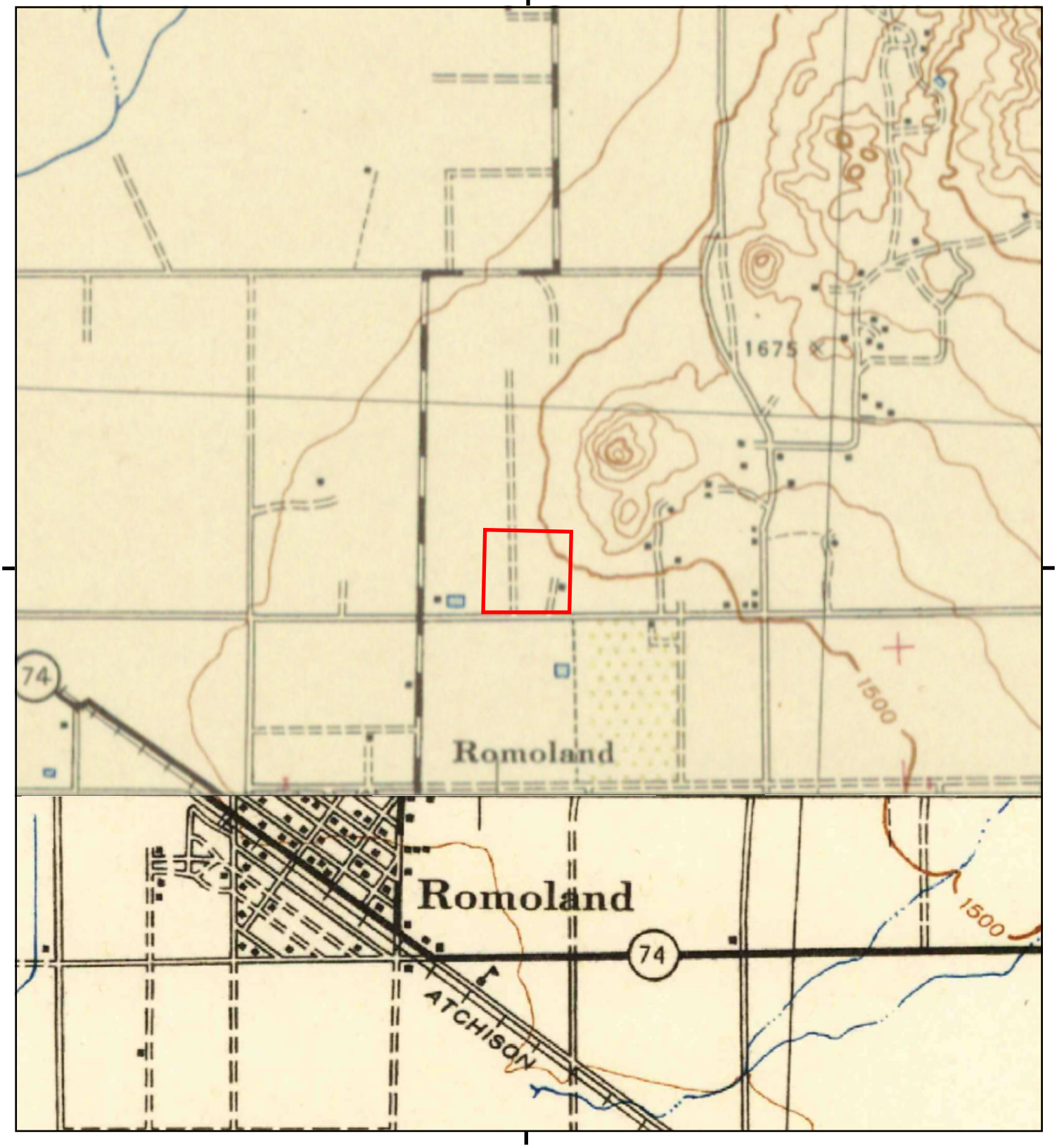
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

S, MURRIETA, 1947, 15-minute

SITE NAME: Mount Vista
ADDRESS: NEC of Mapes Road and Tradewinds Dri
Sun City, CA 92585
CLIENT: GeoSoils, Inc.

N



This report includes information from the following map sheet(s).

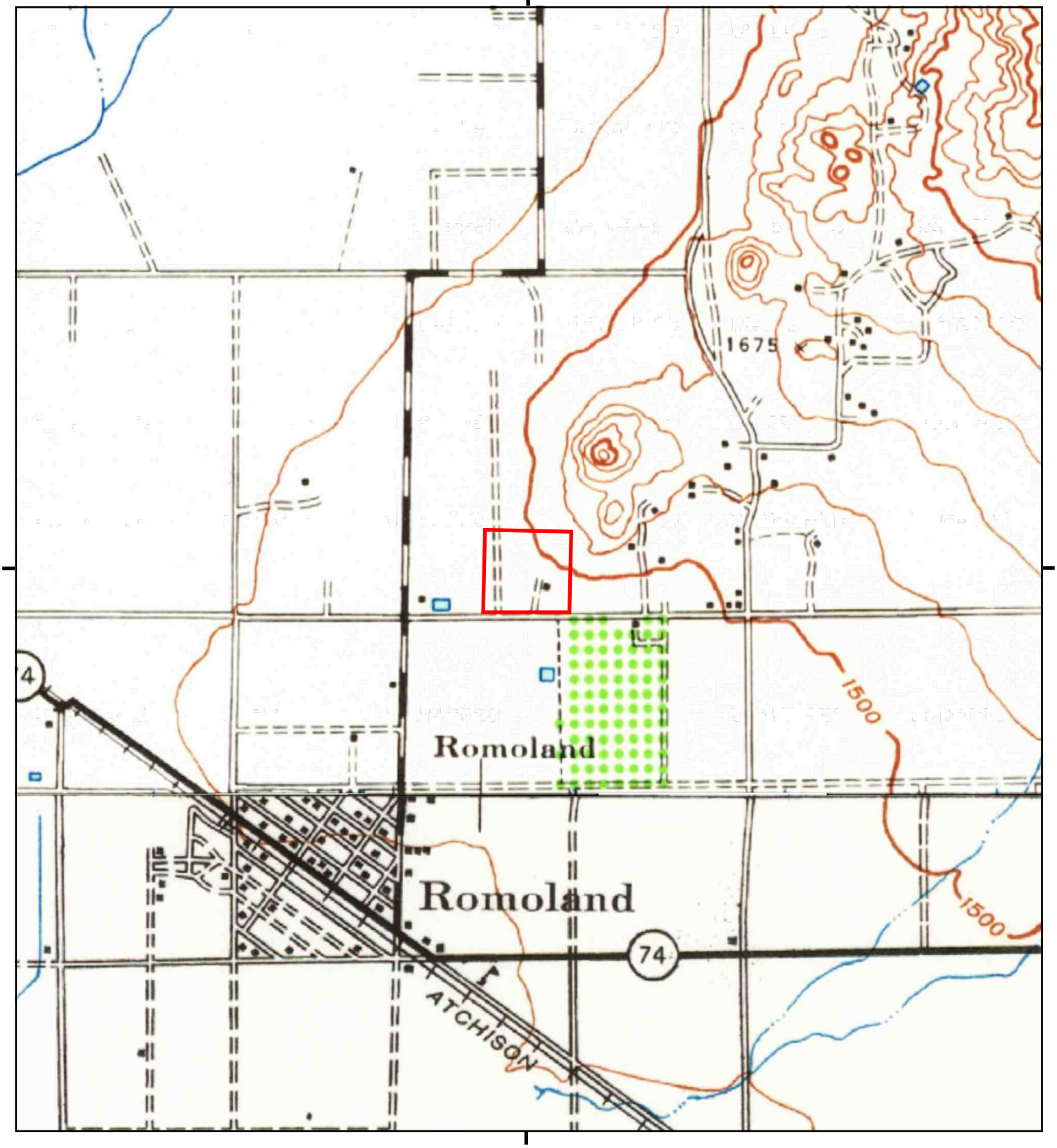
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, PERRIS, 1943, 15-minute
S, Murrieta, 1943, 15-minute

SITE NAME: Mount Vista
ADDRESS: NEC of Mapes Road and Tradewinds Driv
Sun City, CA 92585
CLIENT: GeoSoils, Inc.

N



This report includes information from the following map sheet(s).

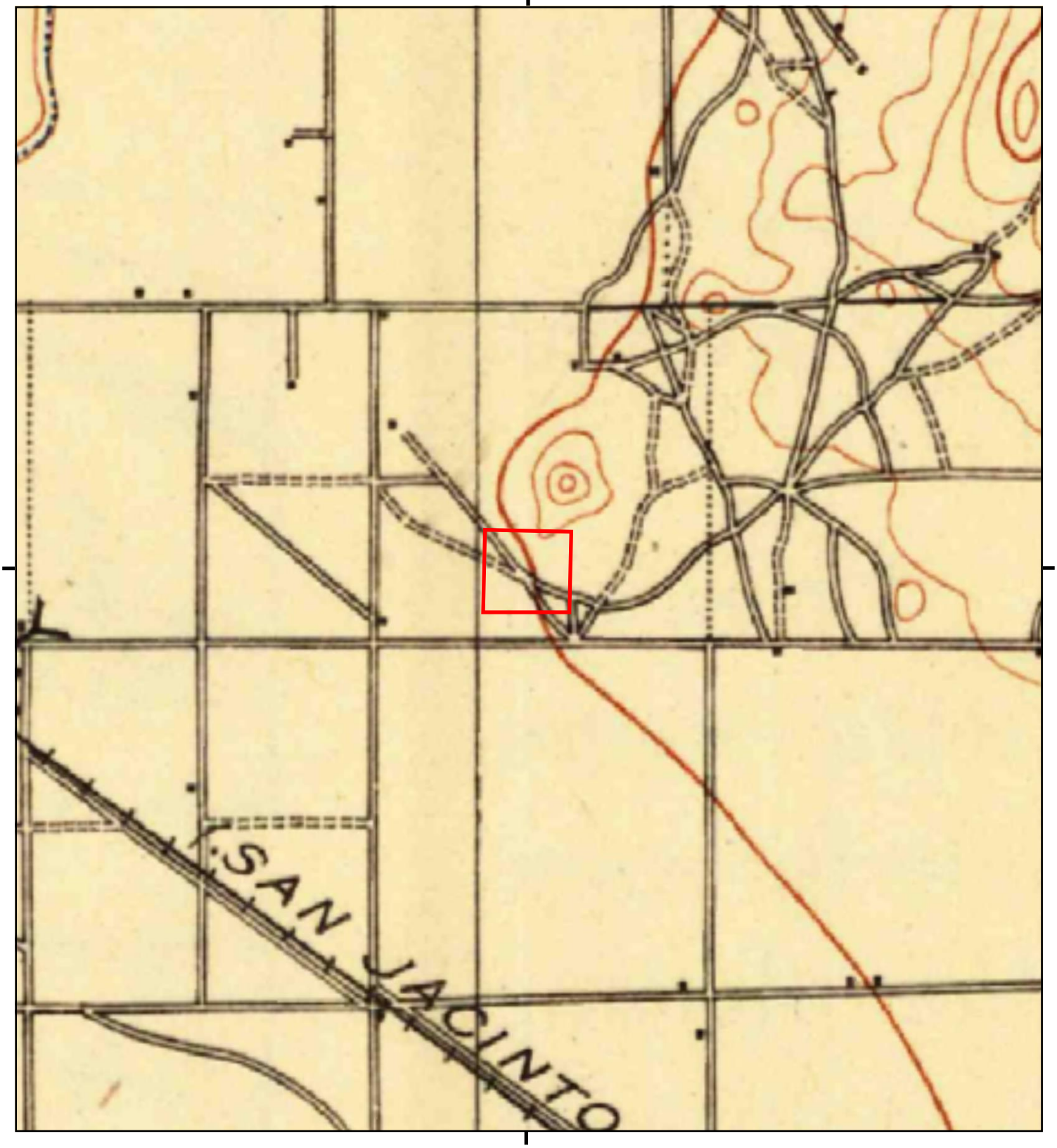
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Perris, 1942, 15-minute
S, Murrieta, 1942, 15-minute

SITE NAME: Mount Vista
ADDRESS: NEC of Mapes Road and Tradewinds Dri
Sun City, CA 92585
CLIENT: GeoSoils, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Elsinore, 1901, 30-minute

SITE NAME: Mount Vista
ADDRESS: NEC of Mapes Road and Tradewinds Driv
Sun City, CA 92585
CLIENT: GeoSoils, Inc.

N

Mount Vista
NEC of Mapes Road and Tradewinds Drive
Sun City, CA 92585

Inquiry Number: 6351937.5
February 02, 2021

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

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Findings

City Directory Images

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EXECUTIVE SUMMARY

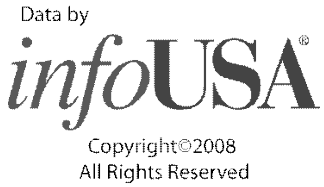
DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	Target Street	Cross Street	Source
2017	☑	☐	EDR Digital Archive
2014	☑	☐	EDR Digital Archive
2011	☑	☐	Haines Criss-Cross Directory
2005	☑	☐	EDR Digital Archive
2000	☑	☐	EDR Digital Archive
1995	☑	☐	EDR Digital Archive
1992	☑	☐	EDR Digital Archive
1985	☑	☐	Haines Criss-Cross Directory
1980	☑	☐	Haines Criss-Cross Directory
1974	☑	☐	Haines Criss-Cross Directory
1971	☐	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

NEC of Mapes Road and Tradewinds Drive
Sun City, CA 92585

Year	*CD Image*	*Source*	
MAPES RD			
2017	pg A1	EDR Digital Archive	
2014	pg A2	EDR Digital Archive	
2011	pg A3	Haines Criss-Cross Directory	
2005	pg A5	EDR Digital Archive	
2000	pg A7	EDR Digital Archive	
1995	pg A9	EDR Digital Archive	
1992	pg A11	EDR Digital Archive	
1985	pg A13	Haines Criss-Cross Directory	
1980	pg A15	Haines Criss-Cross Directory	
1974	pg A18	Haines Criss-Cross Directory	
1971	-	Haines Criss-Cross Directory	Street not listed in Source
TRADEWINDS DR			
2017	-	EDR Digital Archive	Target and Adjoining not listed in Source
2014	-	EDR Digital Archive	Target and Adjoining not listed in Source
2011	pg A4	Haines Criss-Cross Directory	
2005	pg A6	EDR Digital Archive	
2000	pg A8	EDR Digital Archive	
1995	pg A10	EDR Digital Archive	
1992	pg A12	EDR Digital Archive	
1985	pg A14	Haines Criss-Cross Directory	
1980	pg A16	Haines Criss-Cross Directory	
1980	pg A17	Haines Criss-Cross Directory	
1974	-	Haines Criss-Cross Directory	Street not listed in Source
1971	-	Haines Criss-Cross Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MAPES RD 2017

27555	CROMAR, SCOTT
27570	BALL, MARJORIE J
27595	MEDRANO, PATRICE A
27625	HOWELL, PHILLIP L
27650	MARTINEZ, DODANIN R
27665	DEBRUYN, SANDRA A
27675	ABARCA, JOSE L
27740	SALGADO, VICENTE S
28130	VAZQUEZ, JOSE D
28170	OLGUIN, GARY A
28200	LUE, JACK M
28240	SEROWIK, MARC F
28309	INIGUEZ, ELIZABETH
28369	UGARTE, VICTOR V
28521	MARTINEZ, VICTOR F
28538	BAGLEY, EARL
28594	ORNELAS, JAIME
28648	SWARTZ, RICHARD L
28649	CW FIX IT
	STEENBOCK, CHRISTOPHER W
28660	KOOIMAN, BRENDA L
28701	PEREZ, REBECCA
28740	SANTOS, JUAN E
28886	MODEN, LEONARD J
28905	DESOULY, RICK
29129	FISHER, ROGER A
29175	MARTINEZ, SUSAN
29197	BRUNO, SUSI
	DEL, AUTUMN
	DELGADO, RICARDO G
	MORENO, JOSEPH
	NAVA, BRENDA
29221	GRANADOS, RICARDO
29483	LOPEZ, MARTIN E
29565	MENDOZA, SERGIO C
29615	FIRMAN, CARLOS
29675	OCHOA, ANTONIO
29765	AVILA, JESUS
29829	BARTON, DONALD F
29875	CLARK, LESLIE
29905	ELLIOTT, MOIRA
29915	GARRISON, STEVE E

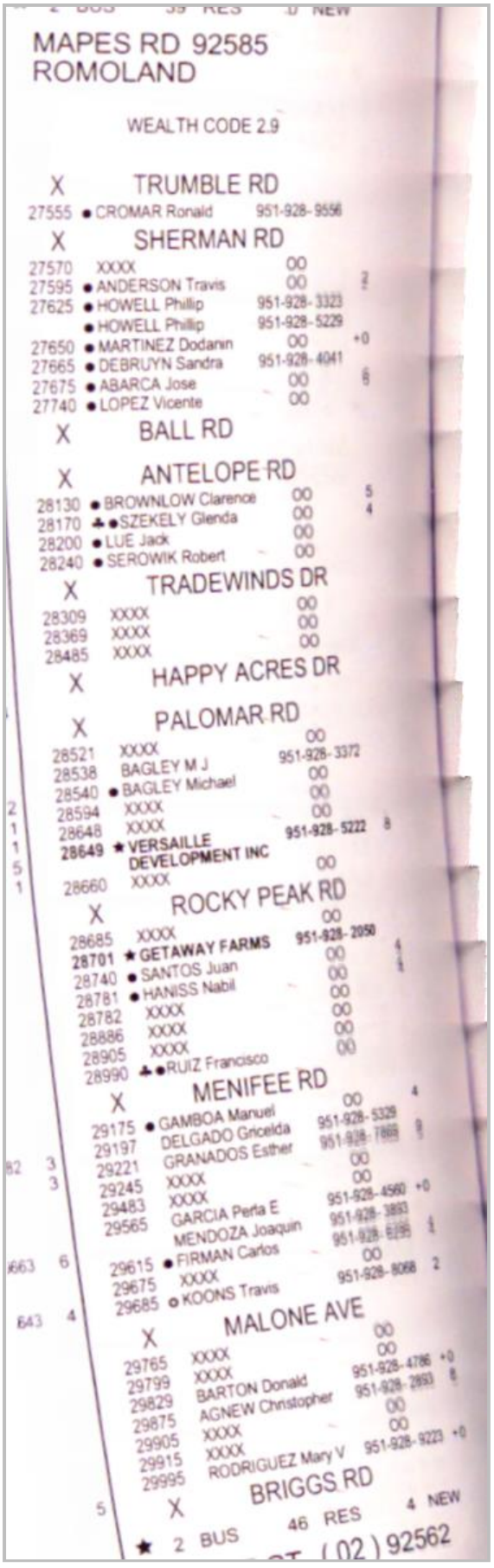
Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MAPES RD 2014

27555	CROMAR, SCOTT
27595	MARTINEZ, C
27625	HOWELL, PHILLIP L
27650	MARTINEZ, DODANIN
27665	DEBRUYN, SANDRA A
27675	ABARCA, JOSE
27740	SALGADO, VICENTE S
28130	VAZQUEZ, JOSE D
28170	OLGUIN, GARY A
28200	LUE, JACK M
28240	SEROWIK, ROBERT E
28309	FLORES, ELIAS R
28369	UGARTE, VICTOR V
28485	OCCUPANT UNKNOWN,
28521	OCCUPANT UNKNOWN,
28538	BAGLEY, MICHAEL J
28594	ORNELAS, JAIME
28648	SWARTZ, RICHARD L
28649	STEENBOCK, CHARLES W
28660	KOOIMAN, BRENDA L
28685	OCCUPANT UNKNOWN,
28694	WEINER, DANIEL
28701	OCCUPANT UNKNOWN,
28740	SANTOS, JUAN E
28886	MODEN, LEONARD J
28905	CHRISTY, KATHRYN D
29129	CRAIGMYLE, SCOTT J
29175	MARTINEZ, JUAN
29197	BRUNO, SUSI
	DELGADO, RICARDO G
	NAVA, BRENDA
29221	GRANADOS, RICARDO
29483	LOPEZ, MARTIN E
29565	MENDOZA, SERGIO C
29615	FIRMAN, CARLOS
29675	OCHOA, ANTONIO
29685	OCCUPANT UNKNOWN,
29765	FLOURNOY, YULA D
29799	ORTEGA, JOSE G
29829	TIBBETS, CAROLE J
29875	AGNEW, CHRISTOPHER P
29905	BRYSON, DAVID L
29915	GARRISON, STEVE E

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

MAPES RD 2011



MAPES RD 92585
ROMOLAND

WEALTH CODE 2.9

X TRUMBLE RD
27555 ● CROMAR Ronald 951-928-9556

X SHERMAN RD
27570 XXXX
27595 ● ANDERSON Travis
27625 ● HOWELL Phillip 951-928-3323
● HOWELL Phillip 951-928-5229
27650 ● MARTINEZ Dodanin
27665 ● DEBRUYN Sandra 951-928-4041
27675 ● ABARCA Jose
27740 ● LOPEZ Vicente

X BALL RD

X ANTELOPE RD
28130 ● BROWNLOW Clarence
28170 ♣● SZEKELY Glenda
28200 ● LUE Jack
28240 ● SEROWIK Robert

X TRADEWINDS DR
28309 XXXX
28369 XXXX
28485 XXXX

X HAPPY ACRES DR

X PALOMAR RD
28521 XXXX
28538 BAGLEY M J 951-928-3372
28540 ● BAGLEY Michael
28594 XXXX
28648 XXXX
28649 ★ VERSAILLE DEVELOPMENT INC 951-928-5222
28660 XXXX

X ROCKY PEAK RD
28685 XXXX
28701 ★ GETAWAY FARMS 951-928-2050
28740 ● SANTOS Juan
28781 ● HANISS Nabil
28782 XXXX
28886 XXXX
28905 XXXX
28990 ♣● RUIZ Francisco

X MENIFEE RD
29175 ● GAMBOA Manuel
29197 DELGADO Gricelda 951-928-5329
29221 GRANADOS Esther
29245 XXXX
29483 XXXX
29565 GARCIA Perla E 951-928-4560
MENDOZA Joaquin 951-928-3893
29615 ● FIRMAN Carlos
29675 XXXX
29685 ○ KOONS Travis 951-928-8068

X MALONE AVE
29765 XXXX
29799 XXXX
29829 BARTON Donald 951-928-4786
29875 AGNEW Christopher 951-928-2893
29905 XXXX
29915 XXXX
29995 RODRIGUEZ Mary V 951-928-9223

X BRIGGS RD

★ 2 BUS 46 RES 4 NEW

(02) 92562

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

TRADEWINDS DR 2011



TRADE WINDS DR
92585 ROMOLAND

WEALTH CODE 3.0

X MAPES RD

25015	● HEATH Cody	OO	5
25033	● MUNOZ Jose	OO	2
25050	● CORREA Aurelio	OO	8
25061	XXXX	OO	
25080	● FLOOD Frank	OO	
25085	XXXX	OO	
25105	o VANDENBURG J	951-928- 8029	
	VANDENBURG John	951-928- 1275	

X MORELAND RD

25121	● CARRISOZA Alejandro	951-928- 8541	5
25155	XXXX	OO	
25175	XXXX	OO	
25195	XXXX	OO	
25204	● LITTLE Julie	OO	4
25205	● MAYER Randall	OO	
25237	XXXX	OO	

X BLUE DIAMOND LN

25240	XXXX	OO	
25270	● RACKSTRAW George	OO	1

X BARONI RD

25290	● HARKNESS Stacy	951-928- 3614	

X ELLER WAY

25301	XXXX	OO	
25386	● MOODY Howard	OO	
25415	● KRIEGER Vernon	OO	

X WATSON RD

X SUMMER WINDS DR

25745	XXXX	OO	
25746	o TAPIA Josefina	951-928- 3322	
25762	XXXX	OO	
25765	XXXX	OO	
25780	XXXX	OO	
25785	o GARDINER Lee	951-928- 4961	1
25792	XXXX	OO	
25795	XXXX	OO	
25810	XXXX	OO	
25811	HERNANDEZ Porfirio	951-928- 3689	4
	PIZANO Debbie	951-928- 3689	+0
25822	MARES Maunel	951-928- 6287	6
25825	o GUERRERO Jesus	951-928- 3874	4
25871	RODRIGUEZ Angelica	951-928- 8654	+0
25880	CISNEROS Maria D	951-928- 1420	7
	DOLORES Cisneros Maria	951-928- 1420	7
25885	XXXX	OO	
25900	XXXX	OO	
25915	XXXX	OO	
25927	XXXX	OO	
25930	CAMPOS Gail	951-928- 3444	+0
25943	XXXX	OO	
25944	XXXX	OO	
25960	CASTELLANO Griselda	951-928- 5397	+0
25961	XXXX	OO	
25976	ALVARADO Elizabeth	951-928- 6615	6
25984	XXXX	OO	

X SPRING WINDS DR

★ 0 BUS 48 RES 4 NEW

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MAPES RD 2005

27555 CROMAR PAINTING
CROMAR, RONALD S
27595 ANDERSON, TODD
27625 HOWELL, PHILLIP L
PHILLIP HOWELLS WELDING
27650 OCCUPANT UNKNOWN,
27665 DEBRUYN, SANDRA A
27675 MACARTHUR, RANDALL D
RND CONSTRUCTION
27740 SALGADO, VICENTE S
28130 BROWNLOW, CLARENCE J
28170 PARSON, ROGER
28200 LUE, JACK M
28240 SEROWIK, ROBERT E
28309 GONZALEZ, EDUARDO
28369 UGARTE, VICTOR F
28485 GUTIERREZ, JESUS
28521 ASBURY, JAMES M
28538 BAGLEY, M J
28594 ORNELAS, JAIME
28648 STEENBOCK, CHARLES W
28649 MUNOZ, LEO
VERSAILLES DEVELOPMENT INC
28660 SLAYMAKER, ROBERTA L
28685 YUELAPWAN, KINTAI L
28694 WEINER, DANIEL
28701 GETAWAY FARMS
MAGANA, LILLY
28740 SANTOS, JUAN E
28781 HANISS, GEORGE W
28782 OCCUPANT UNKNOWN,
28886 WICKERSHEIM, ELIZABETH G
28905 NEVITT, LESTER J
29175 GREGORIO, ALBERT A
29197 DELGADO, RICARDO A
29221 GRANADOS, RICARDO
29245 CABALLERO, FERNANDO G
29483 LOPEZ, STEPHANIE A
29565 MENDOZA, JOAQUIN N
29615 FIRMAN, CARLOS
29675 OCHOA, ANTONIO
29685 KOONS, TRAVIS S
29765 MARTINEZ, MIGUEL A
29799 CHANDLER, DAVID
29829 BARTON, DONALD R
29875 OCCUPANT UNKNOWN,
29905 BRYSON, DAVID L
29915 GARRISON, MARCIE A
29995 RODRIGUEZ, GILBERT J

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

TRADEWINDS DR 2005

25015 WILLIAM CODY HEAH
25033 PLASENCIA, TERESA
25050 OCCUPANT UNKNOWN,
25061 MCCLUSKY, WALTER R
25080 FLOOD, FRANK D
25085 CRAIGMYLE, SHANE A
25105 VANDENBURG, JOHN B
25110 FINNEY, CHARLOTTE R
25121 GRANT, MICHAEL A
25155 MOYA, EVANGELINA
25175 CUIZON, MICHAEL A
25195 WILSON, ROBERT E
25204 LITTLE, JULIE F
25205 MAYER, RANDALL W
25237 QUARTARARO, L J
25240 CASH, TERRI L
25270 RACKSTRAW, GEORGE W
25290 HARKNESS, JOHN K
25308 BACA, NOEL
25386 MOODY, HOWARD C
25745 QUINTANAL, ERNESTO
25746 TAPIA, RAUL J
25762 SMITH, WALTER D
25765 MACGREGER, D
25780 KIESWETTER, DUANE D
25785 GARDINER, LEE R
25792 CASTELLANO, GRISELDA
25810 DAYTON, TYRONE C
25811 PIZANO, PORFIRIO H
25822 SANDOVAL, ERICA
25825 GUERRERO, JESUS R
25840 GARCIA, JOSE
25841 DUDLEY, JACK
25855 DIERICKX, DAVID A
25870 OCCUPANT UNKNOWN,
25871 RAMIREZ, SALVADOR
25880 ANDRADE, ROBERTO
25885 JONES, LEE L
25915 OCCUPANT UNKNOWN,
25927 MEDINA, JOSE
25943 ALVAREZ, ALEXIS M
25944 RICE, MARGARET
25960 ZAYAS, ENRIQUE A
25961 BLANKENBAKER, JOAN P
25976 VARGAS, URIEL
25984 AVILA, ELADIO

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MAPES RD 2000

27555	CROMAR, RONALD
27570	ANNABLE, CURTIS D
27625	HOWELL, PHILLIP
27665	DEBRUYN, SANDRA A
27740	LOPEZ, VICENTE S
28130	BROWNLOW, C J
28170	PARSON, ROGER
28200	LUE, JACK M
28240	OCCUPANT UNKNOWN,
28369	UGARTE, VICTOR F
28521	MUNOZ, PEDRO
28538	BAGLEY, M J
28540	BAGLEY, MICHAEL J
28594	ORNELAS, JAIME
28648	OCCUPANT UNKNOWN,
28685	OCCUPANT UNKNOWN,
28694	WEINER, DANIEL
28701	LOSOYA, JOSE L
	RAMIREZ, JOSE J
28781	HANISS, GEORGE
28782	OCCUPANT UNKNOWN,
28886	WICKERSHEIM, OLIVER
28905	OCCUPANT UNKNOWN,
29175	GREGORIO, ALBERT A
29197	DELGADO, RICKY
29221	GRANADOS, SERGIO L
29483	OCCUPANT UNKNOWN,
29565	MENDOZA, JOAQUIN

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

TRADEWINDS DR 2000

25080 OCCUPANT UNKNOWN,
25085 OCCUPANT UNKNOWN,
25105 VANDENBURG, JOHN
25110 FINNEY, ANDREW F
ROMOLAND CHRISTMAS TREE FARM
25121 SMITH, ISABELL
25155 MCNEIL, CHRIS A
25204 JOERGER, WILLIAM L
25205 MAYER, RANDALL W
25237 QUARTARARO, CALY S
25240 HARRIS, DALE W
25270 RACKSTRAW, GEORGE W
25290 HARKNESS, JOHN
25301 OCCUPANT UNKNOWN,
25308 ALDAL, TED C
25386 MOODY, HOWARD L
25745 QUINTANAL, ERNESTO
25746 TAPIA, RAUL
25762 SMITH, WALTER D
25765 BAKAALUK, GERALD R
25780 OCCUPANT UNKNOWN,
25785 GREWE, MARION A
25792 VELA, ALLEN
25795 OCCUPANT UNKNOWN,
25810 DAYTON, GERALD R
25811 OCCUPANT UNKNOWN,
25822 ANDERSON, GREG
25841 OCCUPANT UNKNOWN,
25852 LYNE, JACK
25855 DIERICKX, DAVID
25870 CORDOVA, ROY T
25871 HODGKINSON, EUGENE
25885 JONES, VIVAN
25900 OCCUPANT UNKNOWN,
25901 ANDRADE, ELADIO
25915 BEAHM, STANLEY G
25927 BURY, MARY
25930 FLANARY, PAUL W
25943 BAXTER, DONNA J
25944 GLASER, M
25960 OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MAPES RD 1995

27570	BALL, JOHN
27595	JONES, JANET A
27625	HOWELL, SYLVIA
27650	SMITH, S B
27665	DEBRUYN, SANDRA A
27675	COVARRUBIAS, C
28396	GUTIERREZ, WYNEMA
28485	OCCUPANT UNKNOWNN
28540	BAGLEY, MICHAEL J
28648	OCCUPANT UNKNOWNN
28649	STEENBOCK, CHARLES
28660	SLAYMAKER, DORIS A
28694	MONTRIE, JAMES B
28701	MC COLLUM THOROUGHBRED FARM
28740	TROXEL, ERIC
28886	WICKERSHEIM, OLIVER W
28905	OCCUPANT UNKNOWNN
29175	GREGORIO, ALBERT A
29197	DELGADO, G
29221	GRANADOS, ESTHER
29615	DARNELL, RALPH D
29685	SEIMEARS, CLIFF
29799	BUTLER, ADA R
29829	SUMMIT, TILMON G
29875	INDA, T F
29995	RODRIGUEZ, GILBERT J

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

TRADEWINDS DR 1995

25080 FLOOD, MARY
25085 PRICE, JODI
25110 FINNEY, ANDREW F
ROMOLAND CHRISTMAS TREE FARM
25121 SMITH, ISABELL
25155 VINCENT, NATHAN L
25175 TRACTOR DISC & MOW
25204 JOERGER, WILLIAM L
25205 MAYER, RANDALL W
25237 QUARTARARO, CALY S
25240 HARRIS, DALE W
25290 OCCUPANT UNKNOWNN
25386 MOODY, HOWARD L
25745 TAPIA, RAUL
25746 MONROE, DORIS P
25762 SMITH, WALTER D
25765 OCCUPANT UNKNOWNN
25780 WILLIAMS, RICHARD G
25785 GREWE, JEROME A
25792 MCCARROLL, ROBERT M
25795 WRIGHT, JANE E
25810 RUSTONWARD, TERRY D
25811 BRYANT, JESSIE E
25825 MARRACCINI, ANNA
25840 OCCUPANT UNKNOWNN
25841 CRISMORE, RICHARD W
25852 LYNE, VIOLET M
25855 DIERICKX, DAVID
25870 OCCUPANT UNKNOWNN
25880 OCCUPANT UNKNOWNN
25885 JONES, ARLEY R
25900 OCCUPANT UNKNOWNN
25901 DAVIS, LESLIE
25915 BEAHM, STANLEY G
25927 BURY, EUGENE J
25930 FLANARY, PAUL W
25943 BAXTER, DONNA J
25944 GLASER, M
25961 BLANKENBAKER, WILLIAM D
25976 HAMILTON, CAROL R

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MAPES RD 1992

28701 MCCOLLUM THORGHBRD
29995 RODRIGUEZ, GILBERT J

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

TRADEWINDS DR 1992

25080 F&F SERVICES
25110 PICCOLO AUTO SALES
ROMOLAND XMAS TREE

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

MAPES RD 1985

MAPES RD 92380
ROMOLAND

27570	BALL JOHN T	657-2059	0
27650	**AIRCRAFT CARRIER**	**943-2626**	**+5**
27675	**MERSHON PLASTERING**	**657-1355**	1
28130	BROWNLOW CLARENCE	943-2467	+5
28170	PARSONS ANN	657-5642	+5
28240	SEROWIK ROBT	657-2097	+5
28462	XXXX	00	
28521	RECKER C E	657-4080	+5
28540	BAGLEY M J	657-3372	
28594	WEST JOHN	657-1530	0
28649	XXXX	00	
28660	MIMS EDWIN	657-7728	0
28685	XXXX	00	
28701	DUNLAP A T	943-4393	+5
	RANCHO KAHANA	**657-1809**	4
28740	BLAUER SHAUN	657-0138	+5
	EVANS ANDREW 3D	657-7733	+5
	MAYES JAS	657-7098	+5
28781	COHEN MARTIN M	657-7070	+5
28782	TYNER SCOTT	657-3550	1
28886	WICKERSHEIM OLIVER	657-2746	3
28905	HOVERMALE ROY	657-9612	0
28990	KENDALL E C	657-5313	
29483	LOPEZ MARTIN	657-2724	+5
29565	GESS VERNON	657-5035	9
29685	XXXX	00	
29765	CHANDLER EDW	657-3734	3
29799	XXXX	00	
29875	HAASE EUGENE	657-3326	0
29915	GARRISON R	657-9336	2
29995	XXXX	00	

* 3 BUS 28 RES 11 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

TRADEWINDS DR 1985

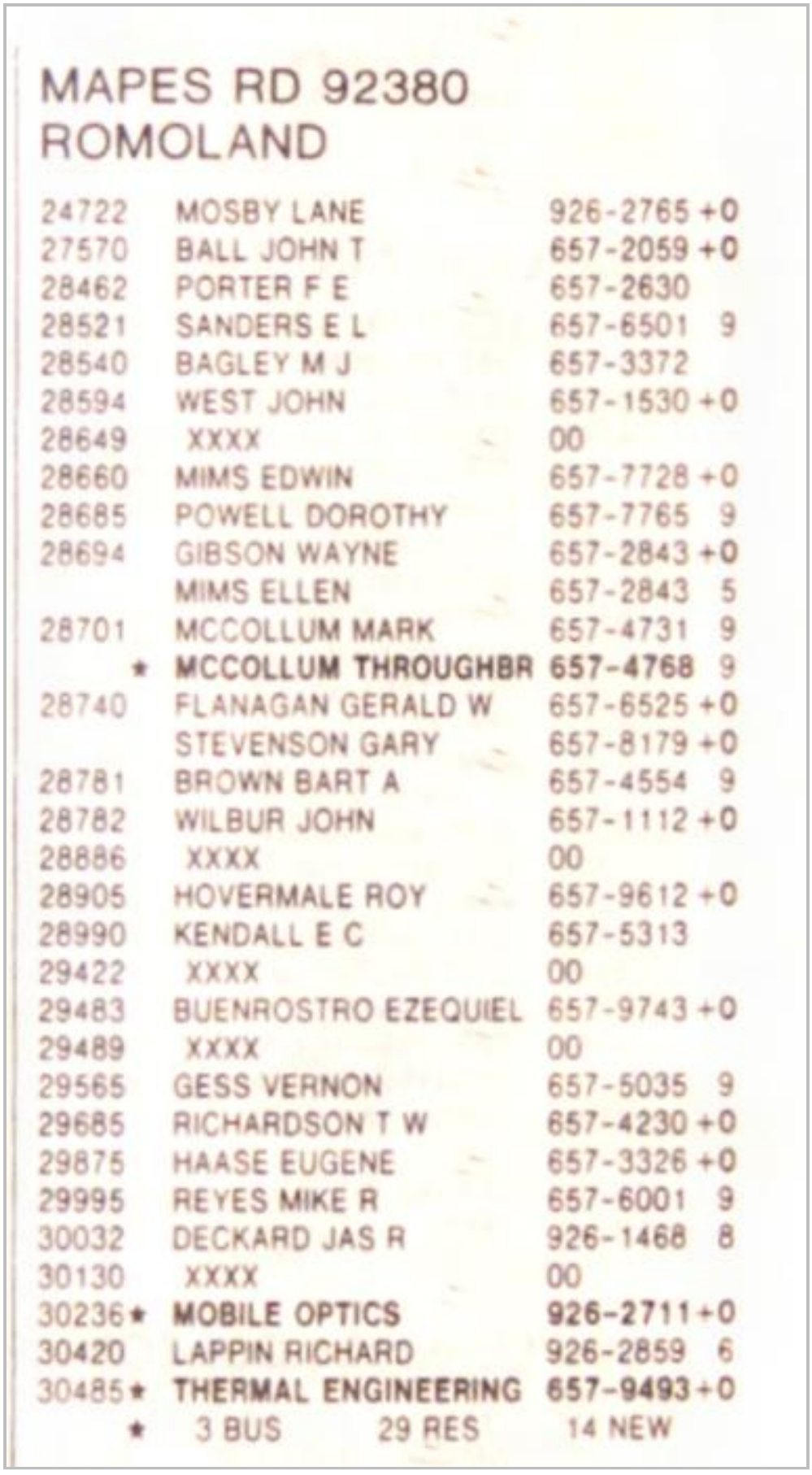
TRADE WINDS DR 92380
ROMOLAND

25080	MORTON JAS	657-7064	+5
25110	ROMOLAND TREE FARMS	657-6336	+5
25745	XXXX	00	
25746	XXXX	00	
25762	COLE LEO	943-3601	+5
25765	ARD LESTER	657-7722	
25785	STANTON LEE H	657-0167	2
25792	MCCARROLL ELSIE	657-8722	1
	MCCARROLL ROBERT	657-8722	
25795	WRIGHT JANE E	657-7109	1
25810	MCCARROLL WALTER A	657-8381	+5
25811	BRYANT JESSIE	657-7934	6
25822	BELLING WILBERT	657-9732	0
25825	MARRACCINI CHAS	657-7030	6
25840	PESSANO PAUL	657-2005	7
25841	CRISMORE RICHARD W	657-7026	6
25855	PRIORE DAN	657-1002	0
25870	DEISS JOE E	657-8424	8
25871	WALLING CORRINE	657-8626	9
25880	XXXX	00	
25885	JONES ARLEY	657-2925	2
25900	XXXX	00	
25901	BOSLEY ALGIE B	657-8149	6
25930	XXXX	00	
25943	XXXX	00	
25960	SCHOLTZ JOHN H	657-7205	
25961	XXXX	00	
25984	EVANS JOHN W	657-1323	8

* 1 BUS 27 RES 4 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

MAPES RD 1980

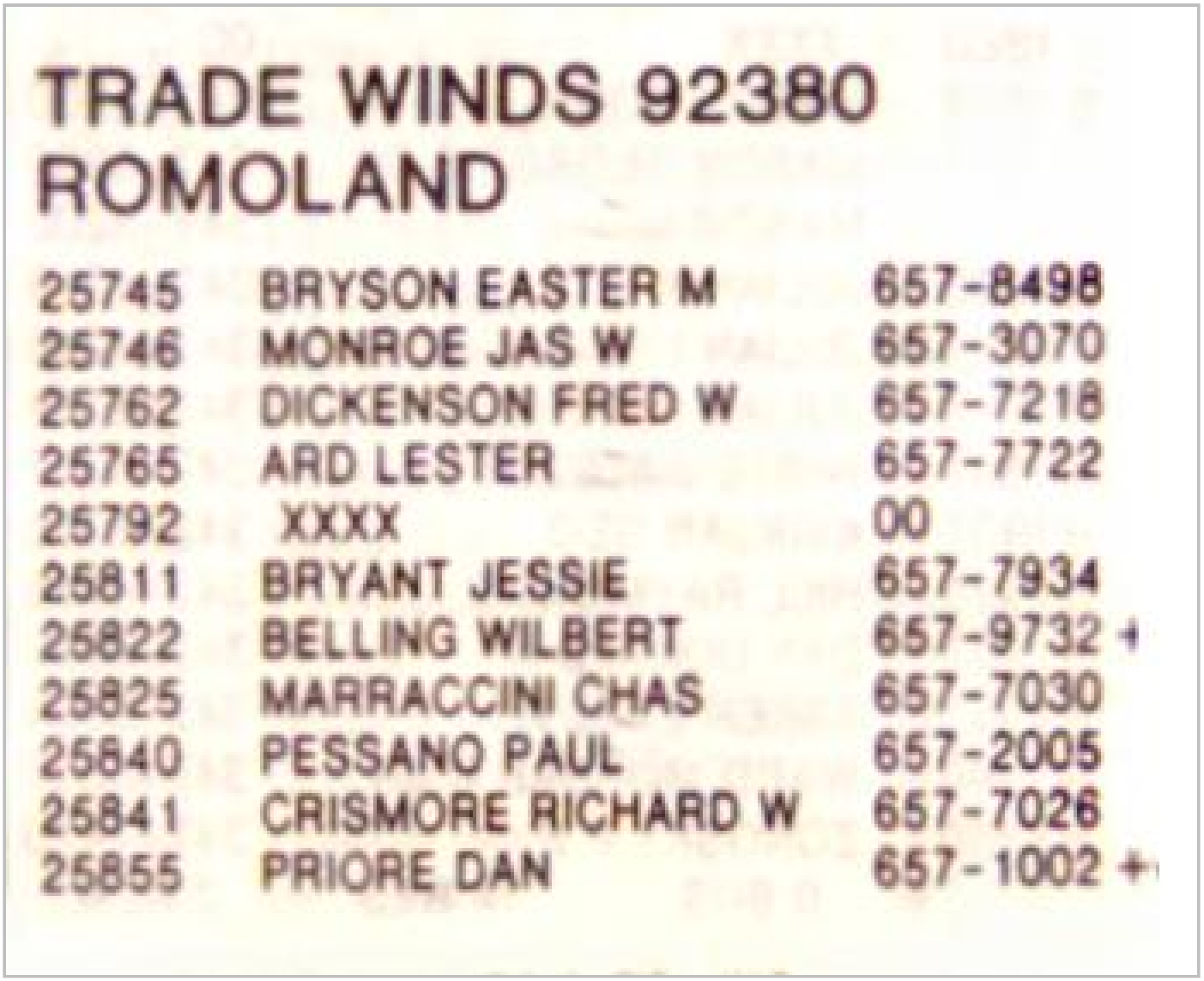


MAPES RD 92380
ROMOLAND

24722	MOSBY LANE	926-2765	+0
27570	BALL JOHN T	657-2059	+0
28462	PORTER F E	657-2630	
28521	SANDERS E L	657-6501	9
28540	BAGLEY M J	657-3372	
28594	WEST JOHN	657-1530	+0
28649	XXXX	00	
28660	MIMS EDWIN	657-7728	+0
28685	POWELL DOROTHY	657-7765	9
28694	GIBSON WAYNE	657-2843	+0
	MIMS ELLEN	657-2843	5
28701	MCCOLLUM MARK	657-4731	9
*	MCCOLLUM THROUGHBR	657-4768	9
28740	FLANAGAN GERALD W	657-6525	+0
	STEVENSON GARY	657-8179	+0
28781	BROWN BART A	657-4554	9
28782	WILBUR JOHN	657-1112	+0
28886	XXXX	00	
28905	HOVERMALE ROY	657-9612	+0
28990	KENDALL E C	657-5313	
29422	XXXX	00	
29483	BUENROSTRO EZEQUIEL	657-9743	+0
29489	XXXX	00	
29565	GESS VERNON	657-5035	9
29685	RICHARDSON T W	657-4230	+0
29875	HAASE EUGENE	657-3326	+0
29995	REYES MIKE R	657-6001	9
30032	DECKARD JAS R	926-1468	8
30130	XXXX	00	
30236 *	MOBILE OPTICS	926-2711	+0
30420	LAPPIN RICHARD	926-2859	6
30485 *	THERMAL ENGINEERING	657-9493	+0
*	3 BUS 29 RES	14 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

TRADEWINDS DR 1980

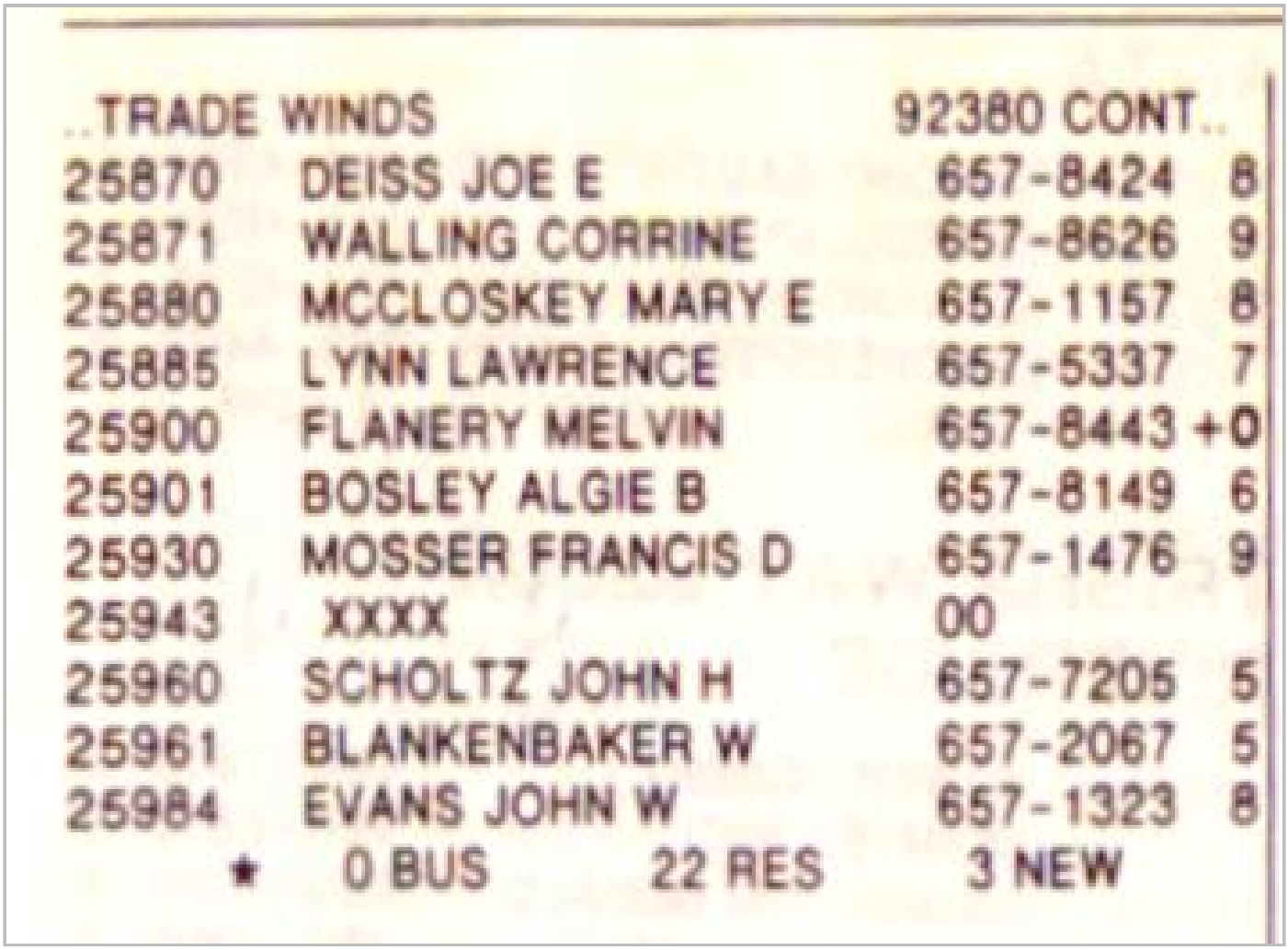


TRADE WINDS 92380
ROMOLAND

25745	BRYSON EASTER M	657-8498
25746	MONROE JAS W	657-3070
25762	DICKENSON FRED W	657-7218
25765	ARD LESTER	657-7722
25792	XXXX	00
25811	BRYANT JESSIE	657-7934
25822	BELLING WILBERT	657-9732
25825	MARRACCINI CHAS	657-7030
25840	PESSANO PAUL	657-2005
25841	CRISMORE RICHARD W	657-7026
25855	PRIORE DAN	657-1002

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

TRADEWINDS DR 1980



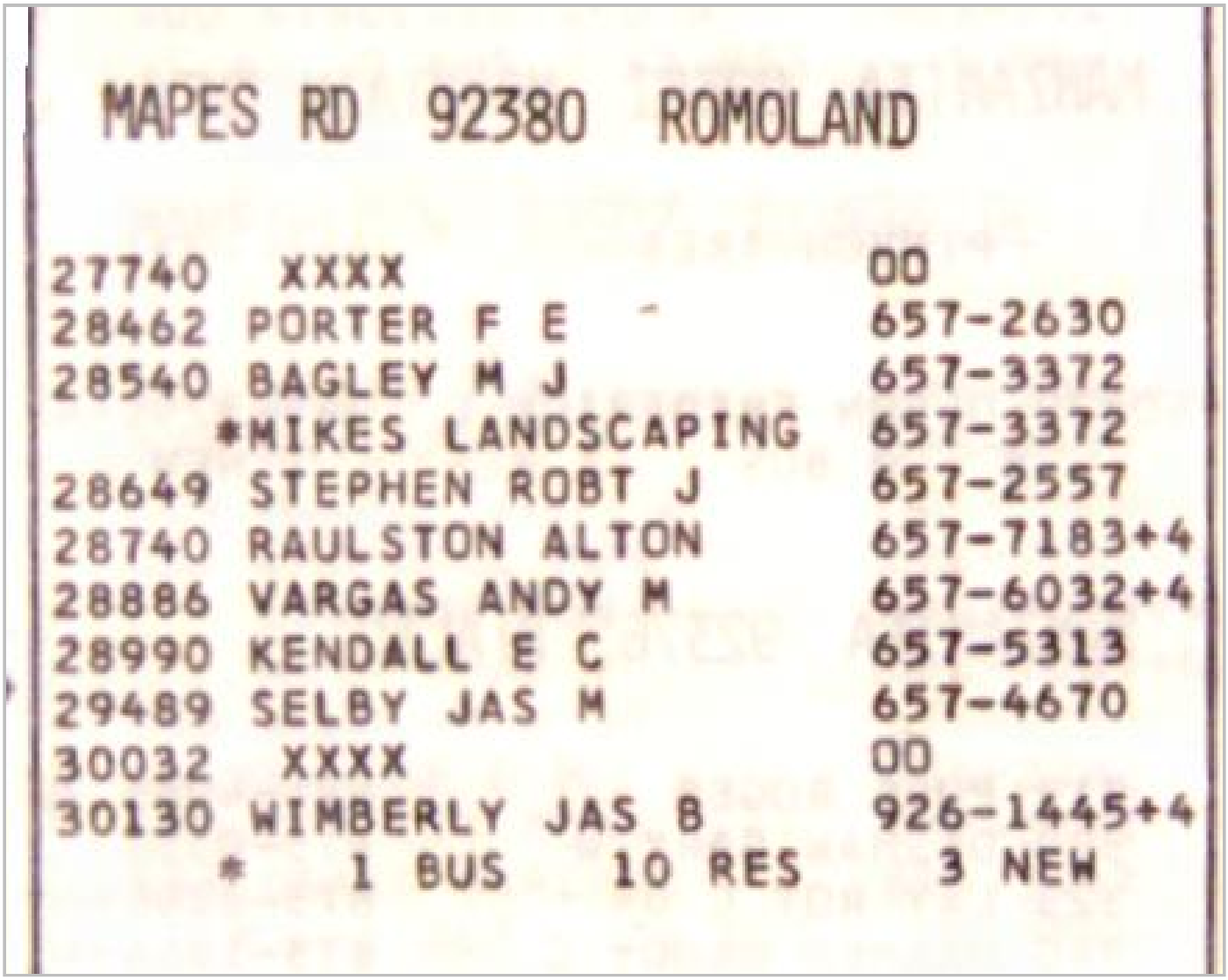
..TRADE WINDS 92380 CONT..

25870	DEISS JOE E	657-8424	8
25871	WALLING CORRINE	657-8626	9
25880	MCCLOSKEY MARY E	657-1157	8
25885	LYNN LAWRENCE	657-5337	7
25900	FLANERY MELVIN	657-8443	+0
25901	BOSLEY ALGIE B	657-8149	6
25930	MOSSER FRANCIS D	657-1476	9
25943	XXXX	00	
25960	SCHOLTZ JOHN H	657-7205	5
25961	BLANKENBAKER W	657-2067	5
25984	EVANS JOHN W	657-1323	8

* 0 BUS 22 RES 3 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

MAPES RD 1974



MAPES RD 92380 ROMOLAND

27740	XXXX	OO
28462	PORTER F E	657-2630
28540	BAGLEY M J	657-3372
	*MIKES LANDSCAPING	657-3372
28649	STEPHEN ROBT J	657-2557
28740	RAULSTON ALTON	657-7183+4
28886	VARGAS ANDY M	657-6032+4
28990	KENDALL E C	657-5313
29489	SELBY JAS M	657-4670
30032	XXXX	OO
30130	WIMBERLY JAS B	926-1445+4

* 1 BUS 10 RES 3 NEW

Mount Vista
NEC of Mapes Road and Tradewinds Drive
Sun City, CA 92585

Inquiry Number: 6351937.6
February 01, 2021

The EDR Property Tax Map Report

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

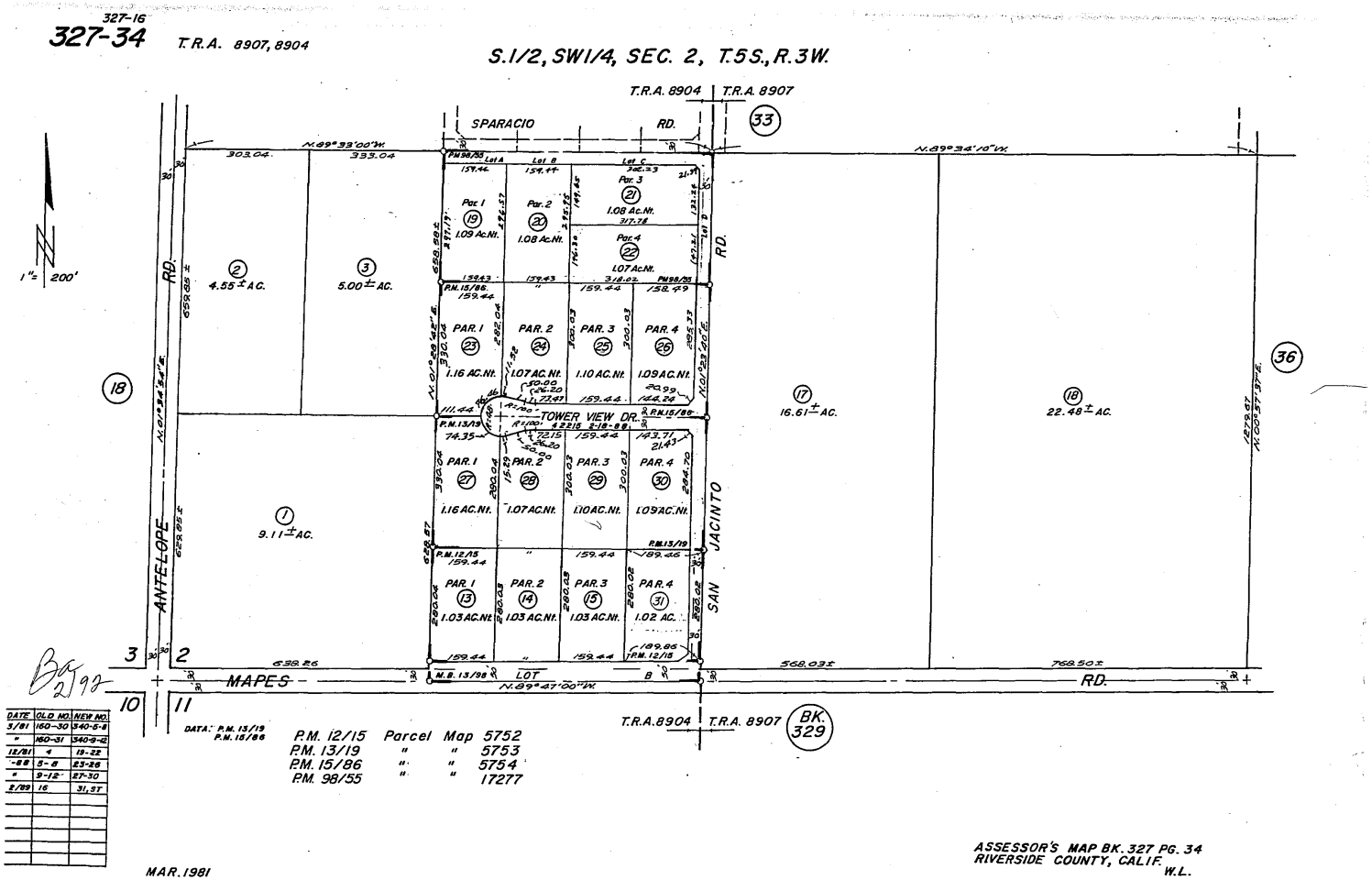
Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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327-16
327-34
T.R.A. 8907, 8904
S.1/2, SW1/4, SEC. 2, T.5S., R.3W.
T.R.A. 8904
T.R.A. 8907
SPARACIO
RD.
33
N.89°33'00"W.
303.04
333.04
N.89°34'10"W.
1" = 200'
ANTELOPE
RD.
2
4.55± AC.
3
5.00± AC.
Par 1
19
1.09 Ac.Nt.
Par 2
20
1.08 Ac.Nt.
Par 3
21
1.08 Ac.Nt.
Par 4
22
1.07 Ac.Nt.
SAN JACINTO
RD.
PAR. 1
23
1.16 AC.Nt.
PAR. 2
24
1.07 AC.Nt.
PAR. 3
25
1.10 AC.Nt.
PAR. 4
26
1.09 AC.Nt.
TOWER VIEW DR.
18
17
16.61± AC.
18
22.48± AC.
36
PAR. 1
27
1.16 AC.Nt.
PAR. 2
28
1.07 AC.Nt.
PAR. 3
29
1.10 AC.Nt.
PAR. 4
30
1.09 AC.Nt.
1
9.11± AC.
PAR. 1
13
1.03 AC.Nt.
PAR. 2
14
1.03 AC.Nt.
PAR. 3
15
1.03 AC.Nt.
PAR. 4
31
1.02 AC.
3
2
10
11
639.26
568.03±
768.50±
MAPES
RD.
N.89°47'00"W.
LOT
B
T.R.A.8904
T.R.A. 8907
BK. 329
DATA: P.M. 13/19
P.M. 15/86
P.M. 12/15 Parcel Map 5752
P.M. 13/19 " " 5753
P.M. 15/86 " " 5754
P.M. 98/55 " " 17277
DATE | OLD NO. | NEW NO.
3/81 | 160-30 | 340-5-8
" | 160-31 | 340-9-12
12/81 | 4 | 19-22
-88 | 5-8 | 23-26
" | 9-12 | 27-30
2/89 | 16 | 31,37
MAR. 1981
ASSESSOR'S MAP BK. 327 PG. 34
RIVERSIDE COUNTY, CALIF.
W.L.

Mount Vista
NEC of Mapes Road and Tradewinds Drive
Sun City, CA 92585

Inquiry Number: 6351937.7
February 02, 2021

EDR Environmental Lien and AUL Search

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

NEC of Mapes Road and Tradewinds Drive
Mount Vista
Sun City, CA 92585

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

RESEARCH SOURCE

Source 1:

Riverside Recorder
Riverside, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	deed
Title is vested in:	Watermarke Land Co Lp
Title received from:	Oreo Corp
Deed Dated	11/11/2009
Deed Recorded:	11/12/2009
Book:	NA
Page:	na
Volume:	na
Instrument:	na
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	Watermarke Land Co LP
Parcel # / Property Identifier:	327-340-018
Comments:	See Exhibit

Deed Exhibit 1

CHICAGO TITLE COMPANY

DOC # 2009-0587208
11/12/2009 08:00A Fee:21.00
Page 1 of 5 Doc T Tax Paid
Recorded in Official Records
County of Riverside
Larry W. Ward
Assessor, County Clerk & Recorder

RECORDING REQUESTED BY:

WHEN RECORDED MAIL TO:
Watermarke Properties, Inc.
410 N. Main St.
Corona, California 92880
Attn: Jeff Troesh

S	R	U	PAGE	SIZE	DA	MISC	LONG	RFD	COPY
/			5						/
M	A	L	465	426	PCOR	NCOR	SMF	NCHG	EXAM
					T:		CTY	UNI	033

93823576-MP
9100206l0-X02
AP# 327-340-018-6 AND
327-340-017-5
TRN 089-038

GRANT DEED

22

T
033

The undersigned Grantor declares that documentary transfer tax is not shown pursuant to Section 11932 of the Revenue and Taxation Code, as amended.

FOR VALUE RECEIVED, OREO CORP., an Ohio corporation ("**Grantor**"), hereby grants to WATERMARKE LAND COMPANY, LP., a California limited partnership ("**Grantee**"), all that certain real property (the "**Property**") situated in the County of Riverside, State of California, more particularly described in Exhibit "A" attached hereto and incorporated herein by reference, together with the buildings, improvements and fixtures thereon and all rights, privileges and easements appurtenant thereto.

The Property is conveyed to Grantee subject to: (i) all presently existing and future liens against the Property for unpaid real estate taxes (including supplemental taxes and other liens imposed by assessment districts, if applicable), assessments, homeowners' association dues, bonds and water and sewer charges, which shall be prorated as of the Closing Date as provided in this Agreement; (ii) patent reservations; (iii) all present and future zoning, building, environmental and other laws, ordinances, codes and regulations of any governmental agency having jurisdiction; (iv) covenants, conditions, restrictions, declarations, easements and other matters of record or otherwise encumbering or otherwise affecting the Property; (v) such facts as an accurate, current survey of the Property and a personal inspection thereof would disclose and all facts and matters otherwise known to Grantee; (vi) any exceptions directly or indirectly caused by Buyer; and (vii) all other covenants, conditions, restrictions, easements, liens, encumbrances, title exceptions and other matters affecting the Property.

[SIGNATURES CONTINUE ON NEXT PAGE]

IN WITNESS WHEREOF, the undersigned has executed this Grant Deed as of November 11, 2009.

OREO CORP.,
an Ohio corporation

By: _____
Name: ARAM A. AVADIAN, JR
Its: DESIGNATED SIGNER

By: _____
Name: BROOKS BENJAMIN
Its: DESIGNATED SIGNER

23277417.DOC

State of California

County of Orange

On November 11, 2009 before me, ~~the undersigned~~, Christine J. Flores, a Notary Public in and for said state, personally appeared Anam A Poladian Jr,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

CHRISTINE J FLORES
Commission # 1712227
Notary Public - California
Orange County
My Comm. Expires Dec 22, 2010

State of California

County of Orange

On November 4, 2009 before me, ~~the undersigned~~ Christine J. Flores, a Notary Public in and for said state, personally appeared Brooks Benjamin, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

CHRISTINE J FLORES
Commission # 1712227
Notary Public - California
Orange County
My Comm. Expires Dec 22, 2010

EXHIBIT "A"

LEGAL DESCRIPTION OF THE PROPERTY

PARCEL 1:

THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 2, TOWNSHIP 5 SOUTH, RANGE 3 WEST, SAN BERNARDINO BASE AND MERIDIAN, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.

EXCEPT THE WEST 17 ACRES.

PARCEL 2:

THE WEST 17 ACRES OF THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 2, TOWNSHIP 5 SOUTH, RANGE 3 WEST; SAN BERNARDINO BASE AND MERIDIAN, IN THE COUNTY OF RIVERSIDE, STATE OF CALIFORNIA, ACCORDING TO THE OFFICIAL PLAT THEREOF.

Mount Vista
NEC of Mapes Road and Tradewinds Drive
Sun City, CA 92585

Inquiry Number: 6351937.8
February 01, 2021

EDR Building Permit Report

Target Property and Adjoining Properties

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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SECTION

About This Report

Executive Summary

Findings

Glossary

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.

EDR® Environmental Data Resources Inc

BUILDFAX® PROPERTY HISTORY

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of GeoSoils, Inc. on Feb 01, 2021.

TARGET PROPERTY

NEC of Mapes Road and Tradewinds Drive
Sun City, CA 92585

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **NO PERMITS IDENTIFIED**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Name: JurisdictionName
Years: Years
Source: Source
Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Riverside County
Years: 1963-2021
Source: Riverside County, Building and Safety, QUAIL VALLEY, CA
Phone: (951) 955-6742

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

NEC of Mapes Road and Tradewinds Drive
Sun City, CA 92585

No Permits Found

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

No Permits Found

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeymen:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000
Permit Type: Bldg -
New Permit Number: 101000000405
Status: Valuation: $1,000,000.00
Contractor Company: OWNER-BUILDER
Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

Mount Vista
NEC of Mapes Road and Tradewinds Drive
Sun City, CA 92585

Inquiry Number: 6351937.2s
February 18, 2021

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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The EDR Vapor Encroachment Worksheet enables EDR's customers to make certain online modifications that effects maps, text and calculations contained in this Report. As a result, maps, text and calculations contained in this Report may have been so modified. EDR has not taken any action to verify any such modifications, and this report and the findings set forth herein must be read in light of this fact. Environmental Data Resources shall not be responsible for any customer's decision to include or not include in any final report any records determined to be within the relevant minimum search distances.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Federal NPL site list	1.0	0	0	0
Federal Delisted NPL site list	1.0	0	0	0
Federal CERCLIS list	0.5	0	0	0
Federal CERCLIS NFRAP site list	0.5	0	0	0
Federal RCRA CORRACTS facilities list	1.0	0	0	0
Federal RCRA non-CORRACTS TSD facilities list	0.5	0	0	0
Federal RCRA generators list	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	0.001	0	0	-
State- and tribal - equivalent NPL	1.0	0	0	0
State- and tribal - equivalent CERCLIS	1.0	0	0	0
State and tribal landfill and/or solid waste disposal site lists	0.5	0	0	0
State and tribal leaking storage tank lists	0.5	0	0	0
State and tribal registered storage tank lists	0.25	0	0	0
State and tribal institutional control / engineering control registries	not searched	-	-	-
State and tribal voluntary cleanup sites	0.5	0	0	0
State and tribal Brownfields sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS				
Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	0	0	0
Local Lists of Registered Storage Tanks	0.25	0	0	0
Local Land Records	0.5	0	0	0
Records of Emergency Release Reports	0.5	0	0	0
Other Ascertainable Records	1.0	0	1	0

EDR HIGH RISK HISTORICAL RECORDS				
EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

MOUNT VISTA
NEC OF MAPES ROAD AND TRADEWINDS DRIVE
SUN CITY, CA 92585

COORDINATES

Latitude (North):	33.759595 - 33° 45′ 34.53827″
Longitude (West):	117.165 - 117° 9′ 54.003296″
Elevation:	1481 ft. above sea level

EXECUTIVE SUMMARY

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

ADDITIONAL ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
MT VISTA	NORTHEAST SIDE OF MAPES RD & TRAIL WINDS DR	<1/10 SW	◆ 1	8
CIWQS: CIWQS NPDES: NPDES				

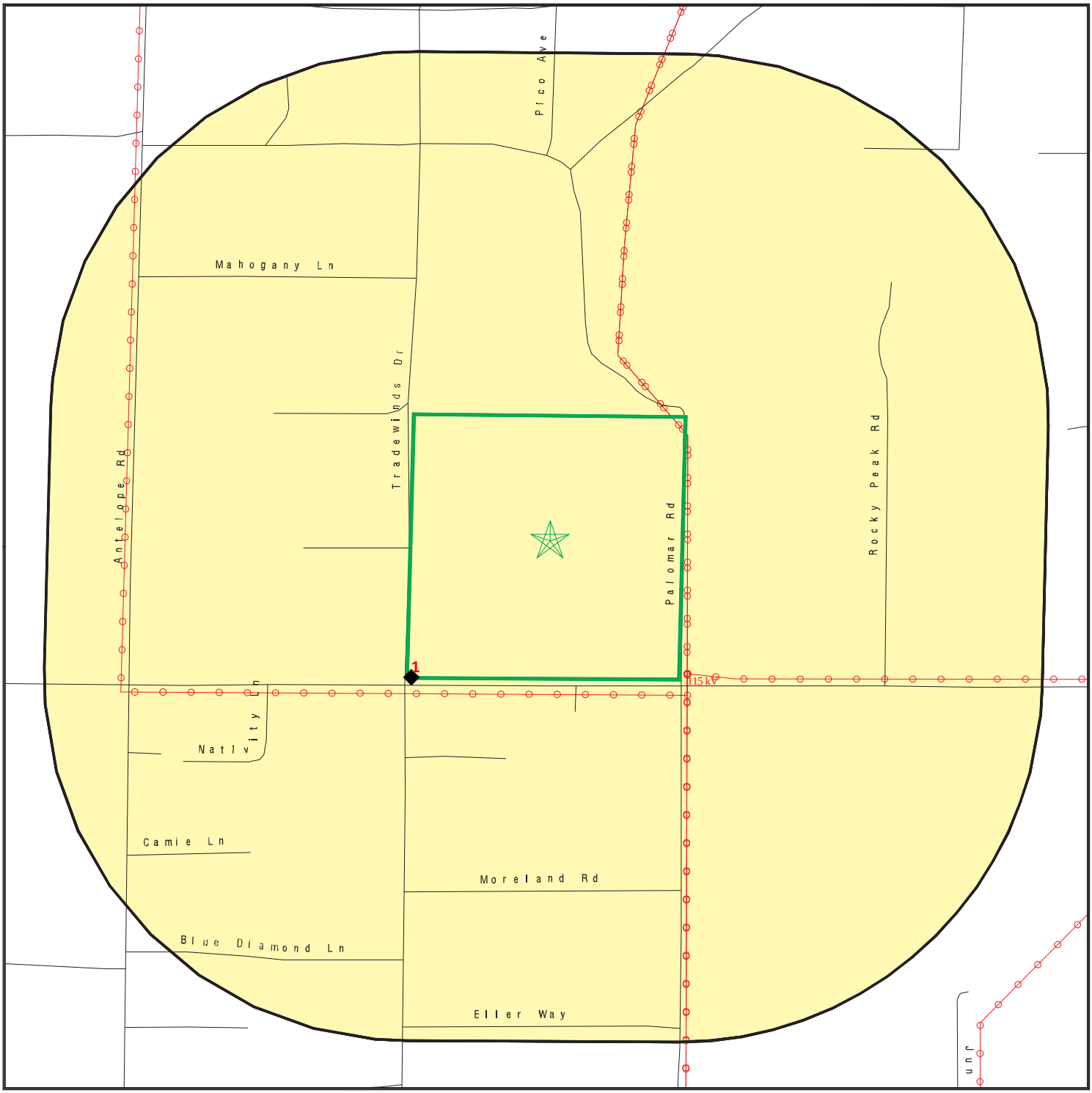
EDR HIGH RISK HISTORICAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

EDR RECOVERED GOVERNMENT ARCHIVES

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

PRIMARY MAP - 6351937.2S



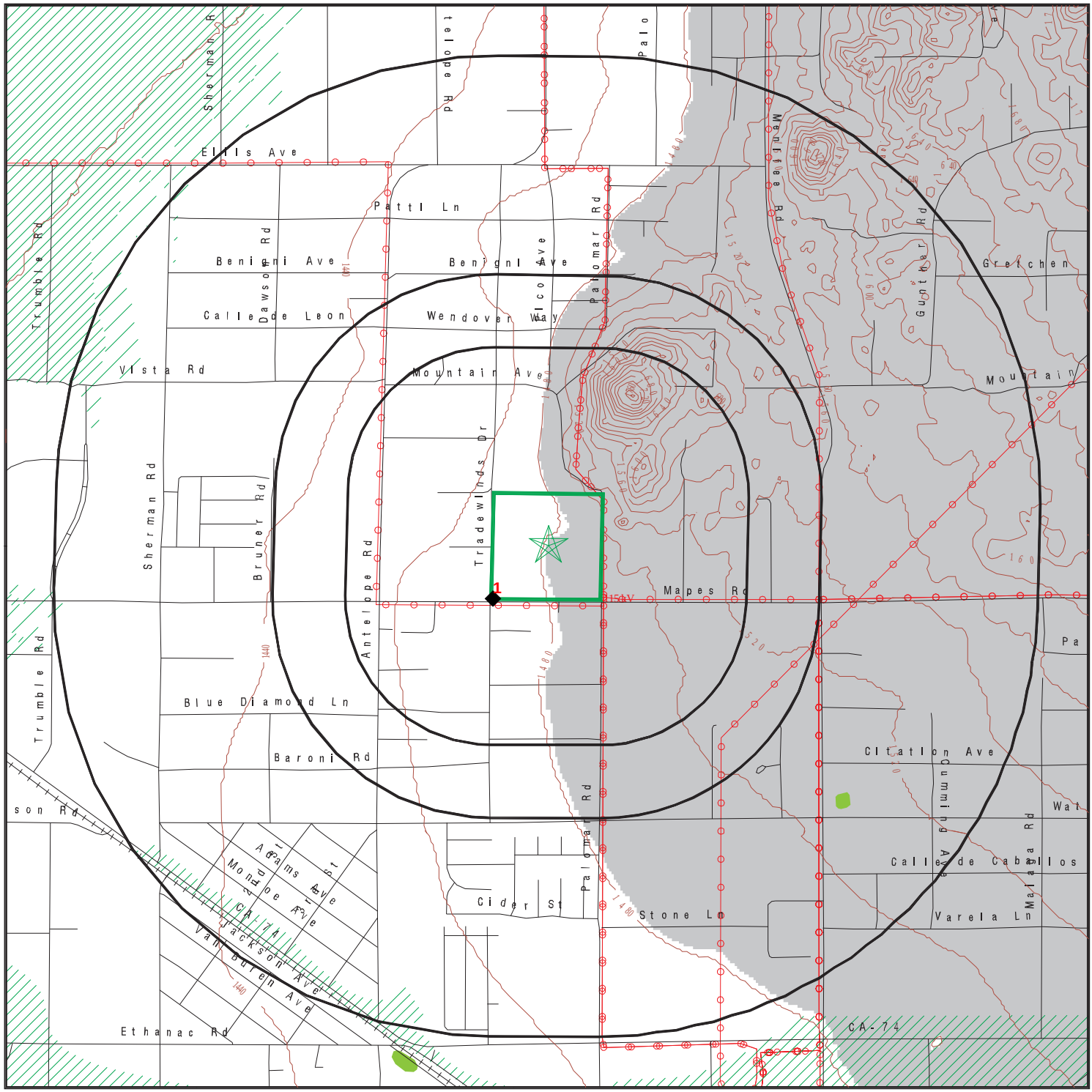
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Mount Vista	CLIENT:	GeoSoils, Inc.
ADDRESS:	NEC of Mapes Road and Tradewinds Drive Sun City CA 92585	CONTACT:	Todd Greer
LAT/LONG:	33.759595 / 117.165	INQUIRY #:	6351937.2s
		DATE:	February 01, 2021 6:43 pm

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SECONDARY MAP - 6351937.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/3 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Upgradient Area

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Mount Vista	CLIENT:	GeoSoils, Inc.
ADDRESS:	NEC of Mapes Road and Tradewinds Drive Sun City CA 92585	CONTACT:	Todd Greer
LAT/LONG:	33.759595 / 117.165	INQUIRY #:	6351937.2s
		DATE:	February 01, 2021 6:40 pm

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MAP FINDINGS

LEGEND

FACILITY NAME **FACILITY ADDRESS, CITY, ST, ZIP**		EDR SITE ID NUMBER
◆ **MAP ID#**	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.

Worksheet:

Comments:
Comments may be added on the online Vapor Encroachment Worksheet.

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

MT VISTA NORTHEAST SIDE OF MAPES RD & TRAIL WINDS DR, ROMOLAND, CA, 92585		S125494970
◆ 1	SW <1/10 (0 ft. / 0 mi.) 9 ft. Lower Elevation 1472 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
Federal NPL site list						
US	NPL	National Priority List	EPA	10/28/2020	11/05/2020	11/25/2020
US	Proposed NPL	Proposed National Priority List Sites	EPA	10/28/2020	11/05/2020	11/25/2020
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
Federal CERCLIS list						
US	SEMS	Superfund Enterprise Management System	EPA	10/28/2020	11/05/2020	11/25/2020
Federal RCRA CORRACTS facilities list						
US	CORRACTS	Corrective Action Report	EPA	12/14/2020	12/17/2020	12/22/2020
Federal RCRA TSD facilities list						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
Federal RCRA generators list						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
Federal institutional controls / engineering controls registries						
US	LUCIS	Land Use Control Information System	Department of the Navy	08/06/2020	08/21/2020	11/11/2020
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	10/28/2020	11/05/2020	11/18/2020
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	10/28/2020	11/05/2020	11/18/2020
Federal ERNS list						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	12/14/2020	12/15/2020	12/22/2020
State and tribal - equivalent NPL						
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	10/26/2020	10/26/2020	01/13/2021
State and tribal - equivalent CERCLIS						
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	10/26/2020	10/26/2020	01/13/2021
State and tribal landfill / solid waste disposal						
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	11/09/2020	11/10/2020	01/14/2021
State and tribal leaking storage tank lists						
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/14/2020	05/20/2020	08/12/2020
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/29/2020	05/20/2020	08/12/2020
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/14/2020	05/20/2020	08/12/2020
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	04/14/2020	05/26/2020	08/12/2020
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/15/2020	05/20/2020	08/12/2020
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/08/2020	05/20/2020	08/12/2020
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	04/14/2020	05/20/2020	08/12/2020
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/08/2020	05/20/2020	08/12/2020
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
State and tribal registered storage tank lists						
CA	UST	Active UST Facilities	SWRCB	09/08/2020	09/08/2020	11/30/2020
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	09/03/2020	09/08/2020	12/03/2020
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	05/20/2020	05/20/2020	08/06/2020
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	04/08/2020	05/20/2020	08/12/2020
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	04/08/2020	05/20/2020	08/12/2020
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	04/03/2020	05/20/2020	08/12/2020
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/29/2020	05/20/2020	08/12/2020
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	04/14/2020	05/20/2020	08/13/2020
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	04/14/2020	05/26/2020	08/12/2020
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/14/2020	05/20/2020	08/12/2020
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/14/2020	05/20/2020	08/12/2020
US	FEMA UST	Underground Storage Tank Listing	FEMA	07/21/2020	09/03/2020	11/25/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
State and tribal voluntary cleanup sites						
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	10/26/2020	10/26/2020	01/13/2021
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
State and tribal Brownfields sites						
CA	BROWNFIELDS	Considered Brownfieds Sites Listing	State Water Resources Control Board	09/21/2020	09/22/2020	12/11/2020
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	09/30/2020	10/08/2020	01/04/2021
US	ROD	Records Of Decision	EPA	10/28/2020	11/05/2020	11/25/2020
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	10/28/2020	11/05/2020	11/25/2020
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
CA	SWRCY	Recycler Database	Department of Conservation	09/08/2020	09/08/2020	11/30/2020
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	11/05/2020	11/06/2020	01/26/2021
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	10/28/2020	11/05/2020	11/25/2020
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	09/21/2020	09/22/2020	12/14/2020
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2018	12/04/2019	01/15/2020
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	03/18/2020	03/19/2020	06/09/2020
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	Delisted NPL	National Priority List Deletions	EPA	10/28/2020	11/05/2020	11/25/2020
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	10/28/2020	11/05/2020	11/25/2020
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	12/14/2020	12/17/2020	12/22/2020
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	09/20/2020	09/22/2020	12/14/2020
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	01/02/2020	01/28/2020	04/17/2020
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	03/18/2020	03/19/2020	06/09/2020
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	09/14/2020	09/15/2020	12/10/2020
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	09/29/2020	11/17/2020	01/25/2021
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	08/30/2019	11/15/2019	01/28/2020
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	11/24/2020	11/30/2020	01/25/2021
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	11/03/2020	11/23/2020	01/25/2021

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/06/2020	05/27/2020	08/13/2020
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	04/27/2020	05/06/2020	06/09/2020
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2018	08/14/2020	11/04/2020
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/17/2020	09/10/2020
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	10/19/2020	10/19/2020	01/04/2021
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	10/09/2019	10/11/2019	12/20/2019
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/05/2020	08/10/2020	10/08/2020
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	11/04/2020	12/01/2020	01/25/2021
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	11/02/2020	11/12/2020	01/25/2021
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2017	06/22/2020	11/20/2020
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/16/2020	09/17/2020	12/10/2020
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	06/30/2019	05/28/2020	08/12/2020
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	09/30/2020	10/19/2020	01/07/2021
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	06/22/2020	06/22/2020	09/04/2020
CA	CUPA LIVERMORE-PLEASANTON	CUPA Facility Listing	Livermore-Pleasanton Fire Department	05/01/2019	05/14/2019	07/17/2019
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	08/31/2020	08/31/2020	11/20/2020
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	08/25/2020	08/26/2020	11/13/2020
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	08/06/2020	08/28/2020	11/17/2020
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	08/19/2020	08/21/2020	09/04/2020
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2018	06/16/2020	08/28/2020
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	10/16/2020	10/19/2020	01/07/2021
CA	Financial Assurance 1	Financial Assurance Information Listing	Department of Toxic Substances Control	10/13/2020	10/14/2020	01/04/2021
CA	Financial Assurance 2	Financial Assurance Information Listing	California Integrated Waste Management Board	11/12/2020	11/13/2020	01/29/2021
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	05/28/2020	05/29/2020	08/12/2020
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2019	04/15/2020	07/02/2020
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	08/17/2020	08/17/2020	11/05/2020
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	10/05/2020	10/06/2020	12/23/2020
CA	ICE	ICE	Department of Toxic Subsances Control	08/17/2020	08/17/2020	11/05/2020
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Qualilty Control Board	09/08/2020	09/08/2020	11/30/2020
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	08/26/2020	08/28/2020	11/17/2020
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	MINES	Mines Site Location Listing	Department of Conservation	09/08/2020	09/08/2020	11/30/2020
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	08/31/2020	08/31/2020	11/20/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	11/09/2020	11/10/2020	01/27/2021
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	08/31/2020	08/31/2020	11/20/2020
CA	PROC	Certified Processors Database	Department of Conservation	09/08/2020	09/08/2020	12/01/2020
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	12/07/2020	12/09/2020	12/10/2020
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	10/26/2020	10/26/2020	01/13/2021
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	09/08/2020	09/08/2020	12/01/2020
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	11/19/2019	01/07/2020	03/09/2020
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	10/19/2020	10/19/2020	01/07/2021
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	10/13/2020	10/14/2020	11/03/2020
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/31/2018	07/26/2018	10/05/2018
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	09/08/2020	09/08/2020	12/01/2020
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	09/08/2020	09/08/2020	11/30/2020
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
US	MINES MRDS	Mineral Resources Data System	USGS	04/06/2018	10/21/2019	10/24/2019
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	10/03/2020	10/06/2020	01/04/2021
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	09/08/2020	09/08/2020	12/01/2020
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	11/13/2020	11/13/2020	01/25/2021
US	UXO	Unexploded Ordnance Sites	Department of Defense	12/31/2018	07/02/2020	09/17/2020
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	10/19/2020	10/19/2020	01/07/2021
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	08/31/2020	08/31/2020	11/20/2020
CA	CERS HAZ WASTE	CERS HAZ WASTE	CalEPA	10/19/2020	10/19/2020	01/07/2021
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	09/08/2020	09/08/2020	11/30/2020
HISTORICAL USE RECORDS						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
COUNTY RECORDS						
CA	CS ALAMEDA	Contaminated Sites	Alameda County Environmental Health Services	01/09/2019	01/11/2019	03/05/2019
CA	UST ALAMEDA	Underground Tanks	Alameda County Environmental Health Services	10/01/2020	10/06/2020	12/23/2020
CA	CUPA AMADOR	CUPA Facility List	Amador County Environmental Health	10/19/2020	10/22/2020	01/12/2021
CA	CUPA BUTTE	CUPA Facility Listing	Public Health Department	04/21/2017	04/25/2017	08/09/2017
CA	CUPA CALVERAS	CUPA Facility Listing	Calveras County Environmental Health	12/15/2020	12/16/2020	12/24/2020
CA	CUPA COLUSA	CUPA Facility List	Health & Human Services	04/06/2020	04/23/2020	07/10/2020
CA	SL CONTRA COSTA	Site List	Contra Costa Health Services Department	10/19/2020	10/22/2020	01/13/2021
CA	CUPA DEL NORTE	CUPA Facility List	Del Norte County Environmental Health Divisio	06/08/2020	08/13/2020	10/22/2020
CA	CUPA EL DORADO	CUPA Facility List	El Dorado County Environmental Management Dep	10/22/2020	11/03/2020	01/20/2021
CA	CUPA FRESNO	CUPA Resources List	Dept. of Community Health	10/02/2020	10/06/2020	12/22/2020
CA	CUPA GLENN	CUPA Facility List	Glenn County Air Pollution Control District	01/22/2018	01/24/2018	03/14/2018
CA	CUPA HUMBOLDT	CUPA Facility List	Humboldt County Environmental Health	08/13/2020	08/17/2020	11/05/2020
CA	CUPA IMPERIAL	CUPA Facility List	San Diego Border Field Office	10/14/2020	10/15/2020	01/05/2021
CA	CUPA INYO	CUPA Facility List	Inyo County Environmental Health Services	04/02/2018	04/03/2018	06/14/2018
CA	CUPA KERN	CUPA Facility List	Kern County Public Health	10/29/2020	10/30/2020	01/15/2021
CA	UST KERN	Underground Storage Tank Sites & Tank Listing	Kern County Environment Health Services Depar	01/19/2021	01/21/2021	01/28/2021
CA	CUPA KINGS	CUPA Facility List	Kings County Department of Public Health	05/11/2020	05/12/2020	07/27/2020
CA	CUPA LAKE	CUPA Facility List	Lake County Environmental Health	08/13/2020	08/13/2020	10/23/2020
CA	CUPA LASSEN	CUPA Facility List	Lassen County Environmental Health	07/31/2020	08/21/2020	11/09/2020
CA	AOCONCERN	Key Areas of Concerns in Los Angeles County		03/30/2009	03/31/2009	10/23/2009
CA	HMS LOS ANGELES	HMS: Street Number List	Department of Public Works	10/19/2020	10/20/2020	01/12/2021
CA	LF LOS ANGELES	List of Solid Waste Facilities	La County Department of Public Works	10/09/2020	10/09/2020	12/29/2020
CA	LF LOS ANGELES CITY	City of Los Angeles Landfills	Engineering & Construction Division	12/31/2019	08/17/2020	11/05/2020
CA	LOS ANGELES AST	Active & Inactive AST Inventory	Los Angeles Fire Department	06/01/2019	06/25/2019	08/22/2019
CA	LOS ANGELES CO LF METHANE	Methane Producing Landfills	Los Angeles County Department of Public Works	04/30/2012	04/17/2019	05/29/2019
CA	LOS ANGELES HM	Active & Inactive Hazardous Materials Inventory	Los Angeles Fire Department	06/01/2019	06/25/2019	08/22/2019
CA	LOS ANGELES UST	Active & Inactive UST Inventory	Los Angeles Fire Department	06/01/2019	06/25/2019	08/22/2019
CA	SITE MIT LOS ANGELES	Site Mitigation List	Community Health Services	07/20/2020	10/09/2020	12/29/2020
CA	UST EL SEGUNDO	City of El Segundo Underground Storage Tank	City of El Segundo Fire Department	01/21/2017	04/19/2017	05/10/2017
CA	UST LONG BEACH	City of Long Beach Underground Storage Tank	City of Long Beach Fire Department	04/22/2019	04/23/2019	06/27/2019
CA	UST TORRANCE	City of Torrance Underground Storage Tank	City of Torrance Fire Department	09/11/2020	10/07/2020	12/23/2020
CA	CUPA MADERA	CUPA Facility List	Madera County Environmental Health	08/10/2020	08/12/2020	10/23/2020
CA	UST MARIN	Underground Storage Tank Sites	Public Works Department Waste Management	09/26/2018	10/04/2018	11/02/2018
CA	CUPA MERCED	CUPA Facility List	Merced County Environmental Health	07/28/2020	07/30/2020	07/31/2020
CA	CUPA MONO	CUPA Facility List	Mono County Health Department	08/20/2020	08/24/2020	11/09/2020
CA	CUPA MONTEREY	CUPA Facility Listing	Monterey County Health Department	07/13/2020	07/15/2020	07/31/2020
CA	LUST NAPA	Sites With Reported Contamination	Napa County Department of Environmental Manag	01/09/2017	01/11/2017	03/02/2017
CA	UST NAPA	Closed and Operating Underground Storage Tank Sites	Napa County Department of Environmental Manag	09/05/2019	09/09/2019	10/31/2019
CA	CUPA NEVADA	CUPA Facility List	Community Development Agency	10/26/2020	10/28/2020	01/15/2021
CA	IND_SITE ORANGE	List of Industrial Site Cleanups	Health Care Agency	09/01/2020	11/05/2020	01/26/2021
CA	LUST ORANGE	List of Underground Storage Tank Cleanups	Health Care Agency	09/01/2020	11/06/2020	01/26/2021
CA	UST ORANGE	List of Underground Storage Tank Facilities	Health Care Agency	09/01/2020	11/03/2020	01/21/2021
CA	MS PLACER	Master List of Facilities	Placer County Health and Human Services	11/24/2020	11/24/2020	11/25/2020
CA	CUPA PLUMAS	CUPA Facility List	Plumas County Environmental Health	03/31/2019	04/23/2019	06/26/2019
CA	LUST RIVERSIDE	Listing of Underground Tank Cleanup Sites	Department of Environmental Health	10/06/2020	10/07/2020	11/03/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	UST RIVERSIDE	Underground Storage Tank Tank List	Department of Environmental Health	10/06/2020	10/07/2020	11/03/2020
CA	CS SACRAMENTO	Toxic Site Clean-Up List	Sacramento County Environmental Management	02/18/2020	03/31/2020	06/15/2020
CA	ML SACRAMENTO	Master Hazardous Materials Facility List	Sacramento County Environmental Management	02/24/2020	03/31/2020	06/17/2020
CA	CUPA SAN BENITO	CUPA Facility List	San Benito County Environmental Health	10/28/2020	10/30/2020	01/15/2021
CA	PERMITS SAN BERNARDINO	Hazardous Material Permits	San Bernardino County Fire Department Hazardo	08/04/2020	08/05/2020	10/26/2020
CA	HMMD SAN DIEGO	Hazardous Materials Management Division Database	Hazardous Materials Management Division	08/31/2020	08/31/2020	11/23/2020
CA	LF SAN DIEGO	Solid Waste Facilities	Department of Health Services	04/18/2018	04/24/2018	06/19/2018
CA	SAN DIEGO CO LOP	Local Oversight Program Listing	Department of Environmental Health	07/14/2020	07/16/2020	09/29/2020
CA	SAN DIEGO CO SAM	Environmental Case Listing	San Diego County Department of Environmental	03/23/2010	06/15/2010	07/09/2010
CA	CUPA SAN FRANCISCO CO	CUPA Facility Listing	San Francisco County Department of Environmen	11/05/2020	11/06/2020	01/27/2021
CA	LUST SAN FRANCISCO	Local Oversite Facilities	Department Of Public Health San Francisco Cou	09/19/2008	09/19/2008	09/29/2008
CA	UST SAN FRANCISCO	Underground Storage Tank Information	Department of Public Health	11/05/2020	11/06/2020	01/26/2021
CA	UST SAN JOAQUIN	San Joaquin Co. UST	Environmental Health Department	06/22/2018	06/26/2018	07/11/2018
CA	CUPA SAN LUIS OBISPO	CUPA Facility List	San Luis Obispo County Public Health Departme	07/27/2020	08/12/2020	10/26/2020
CA	BI SAN MATEO	Business Inventory	San Mateo County Environmental Health Service	02/20/2020	02/20/2020	04/24/2020
CA	LUST SAN MATEO	Fuel Leak List	San Mateo County Environmental Health Service	03/29/2019	03/29/2019	05/29/2019
CA	CUPA SANTA BARBARA	CUPA Facility Listing	Santa Barbara County Public Health Department	09/08/2011	09/09/2011	10/07/2011
CA	CUPA SANTA CLARA	Cupa Facility List	Department of Environmental Health	08/20/2020	08/20/2020	11/09/2020
CA	HIST LUST SANTA CLARA	HIST LUST - Fuel Leak Site Activity Report	Santa Clara Valley Water District	03/29/2005	03/30/2005	04/21/2005
CA	LUST SANTA CLARA	LOP Listing	Department of Environmental Health	03/03/2014	03/05/2014	03/18/2014
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	11/03/2020	11/05/2020	01/26/2021
CA	CUPA SANTA CRUZ	CUPA Facility List	Santa Cruz County Environmental Health	01/21/2017	02/22/2017	05/23/2017
CA	CUPA SHASTA	CUPA Facility List	Shasta County Department of Resource Manageme	06/15/2017	06/19/2017	08/09/2017
CA	LUST SOLANO	Leaking Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2019	06/06/2019	08/13/2019
CA	UST SOLANO	Underground Storage Tanks	Solano County Department of Environmental Man	08/25/2020	08/26/2020	09/16/2020
CA	CUPA SONOMA	Cupa Facility List	County of Sonoma Fire & Emergency Services De	12/15/2020	12/16/2020	12/23/2020
CA	LUST SONOMA	Leaking Underground Storage Tank Sites	Department of Health Services	09/18/2020	09/22/2020	12/14/2020
CA	CUPA STANISLAUS	CUPA Facility List	Stanislaus County Department of Ennvironmenta	10/01/2020	10/06/2020	12/22/2020
CA	UST SUTTER	Underground Storage Tanks	Sutter County Environmental Health Services	08/25/2020	08/26/2020	11/17/2020
CA	CUPA TEHAMA	CUPA Facility List	Tehama County Department of Environmental Hea	08/11/2020	08/12/2020	10/26/2020
CA	CUPA TRINITY	CUPA Facility List	Department of Toxic Substances Control	10/14/2020	10/15/2020	01/05/2021
CA	CUPA TULARE	CUPA Facility List	Tulare County Environmental Health Services D	10/30/2020	11/03/2020	01/20/2021
CA	CUPA TUOLUMNE	CUPA Facility List	Divison of Environmental Health	04/23/2018	04/25/2018	06/25/2018
CA	BWT VENTURA	Business Plan, Hazardous Waste Producers, and Operating Unde	Ventura County Environmental Health Division	09/28/2020	10/22/2020	01/12/2021
CA	LF VENTURA	Inventory of Illegal Abandoned and Inactive Sites	Environmental Health Division	12/01/2011	12/01/2011	01/19/2012
CA	LUST VENTURA	Listing of Underground Tank Cleanup Sites	Environmental Health Division	05/29/2008	06/24/2008	07/31/2008
CA	MED WASTE VENTURA	Medical Waste Program List	Ventura County Resource Management Agency	09/28/2020	10/22/2020	01/12/2021
CA	UST VENTURA	Underground Tank Closed Sites List	Environmental Health Division	08/26/2020	09/08/2020	12/01/2020
CA	UST YOLO	Underground Storage Tank Comprehensive Facility Report	Yolo County Department of Health	12/21/2020	12/23/2020	01/04/2021
CA	CUPA YUBA	CUPA Facility List	Yuba County Environmental Health Department	08/06/2020	08/07/2020	10/26/2020

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date

STREET AND ADDRESS INFORMATION

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APPENDIX D

PUBLIC RECORDS

County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH

www.rivcoeh.org

REQUEST FOR RECORDS

To help expedite your request, mark the program for which you are requesting records (Call 951-358-5172 if you are uncertain):

☒ Hazardous Materials / Underground Storage Tanks
☐ Land Use / Water Resources / Body Art / Medical Waste / Solid Waste
☐ Food facility / Public Pools and Water Features / Retail Tobacco

- Requests will be responded to within ten (10) business days per California Government Code, sections 6253 and 6256.
- Pursuant to California Government Code section 6254 (f), records of pending investigations and informants' names, addresses, and telephone numbers will not be released.
- **This form is for acquisition of any existing records. Any consultation in reference to these records may be subject to a consultation fee (pursuant to Riverside County Ordinance 640).**
- For access to electronic records available online, visit the public information section at www.rivcoeh.org for more details.

NAME OF REQUESTING PARTY: Jennifer Bauer Morton, PG	DATE OF REQUEST: February 18, 2021
BUSINESS NAME (IF ANY): GeoSoils, Inc.	TELEPHONE NUMBER: ( ) (760) 715-3154
RETURN LEGAL MAILING ADDRESS: 5741 Palmer Way	EMAIL ADDRESS: geologyjen@gmail.com
CITY: Carlsbad	STATE: CA ZIP: 92010

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

INFORMATION REQUESTED: Records for USTs, ASTs, hazmat, haz waste, spills, releases	PERIOD OF TIME TO BE RESEARCHED (If applicable) FROM: All TO:
SITE STREET ADDRESS (1): 28462 Mapes Road	CITY: Menifee
SITE STREET ADDRESS (2):	CITY:
SITE STREET ADDRESS (3):	CITY:
SITE STREET ADDRESS (4):	CITY:
SITE STREET ADDRESS (5):	CITY:
SITE STREET ADDRESS (6):	CITY:
APN (**For Land Use and Water Resources ONLY**):	

Email this completed form to:

Land Use/Water Resources (WEST): landuse@rivco.org
Land Use/Water Resources (DESERT): landusedesert@rivco.org
Hazardous Materials: DEHRecordsMgmt@rivco.org
All other programs: dehwebmaster@rivco.org

To mail this form, go to http://rivcoeh.org/Contactus for the address of the DEH office closest to the requested location(s).

Duplication costs for records researched and duplicated must be paid upon receipt of records.

FOR OFFICE USE ONLY		
COST OF REPRODUCTION: $_____	EACH ADDITIONAL PAGE: $_____	TOTAL: $_____
REVIEWED BY	TITLE	
RECORDS RECEIVED BY	DATE	

*** IF RECORD REQUEST IS MADE USING ALTERNATE METHOD AND NOT THIS FORM, ATTACH A COPY OF REQUEST TO THIS FORM.**

For our office locations call us at (888) 722-4234 or visit our website at www.rivcoeh.org

Jared Blumenfeld
Secretary for
Environmental Protection

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

Gavin Newsom
Governor

Facility Search Results

Selection Criteria:

Facility:	
Search on:	Physical Address
Street:	28462 mapes
Status:	Active and Inactive
Sort Direction:	asc
Sorted By:	EPA ID
Records Found:	0

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

Report Generation Date: 02/18/2021

ENVIROSTOR

28462 mapes rd romoland

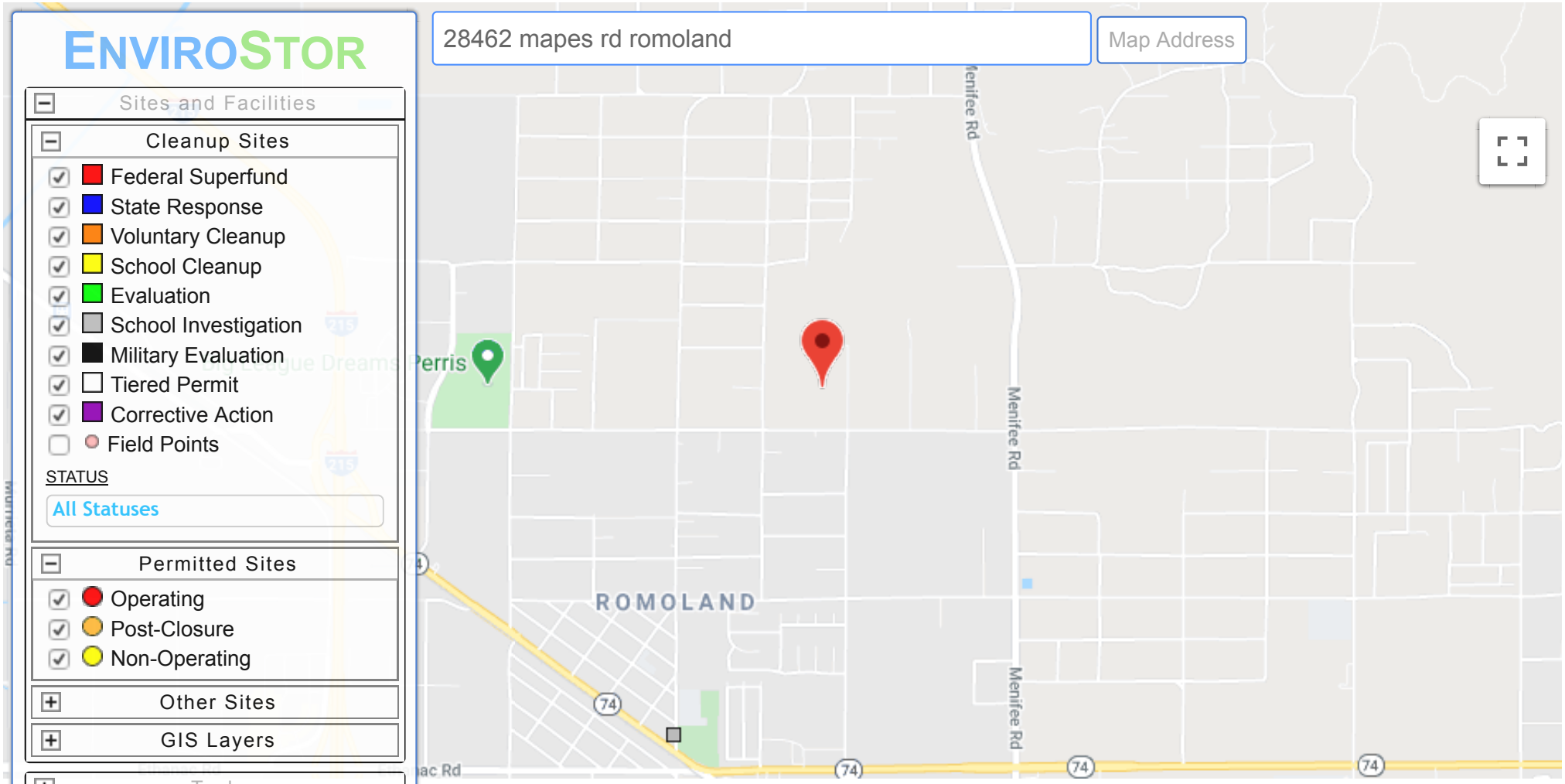
Map Address

- Sites and Facilities
  - Cleanup Sites
    - [x] Federal Superfund
    - [x] State Response
    - [x] Voluntary Cleanup
    - [x] School Cleanup
    - [x] Evaluation
    - [x] School Investigation
    - [x] Military Evaluation
    - [x] Tiered Permit
    - [x] Corrective Action
    - [ ] Field Points

    STATUS

    All Statuses
  - Permitted Sites
    - [x] Operating
    - [x] Post-Closure
    - [x] Non-Operating
  - Other Sites
  - GIS Layers
- Tools

TAKE A TOUR | SHARE THIS MAP



Google

500 m

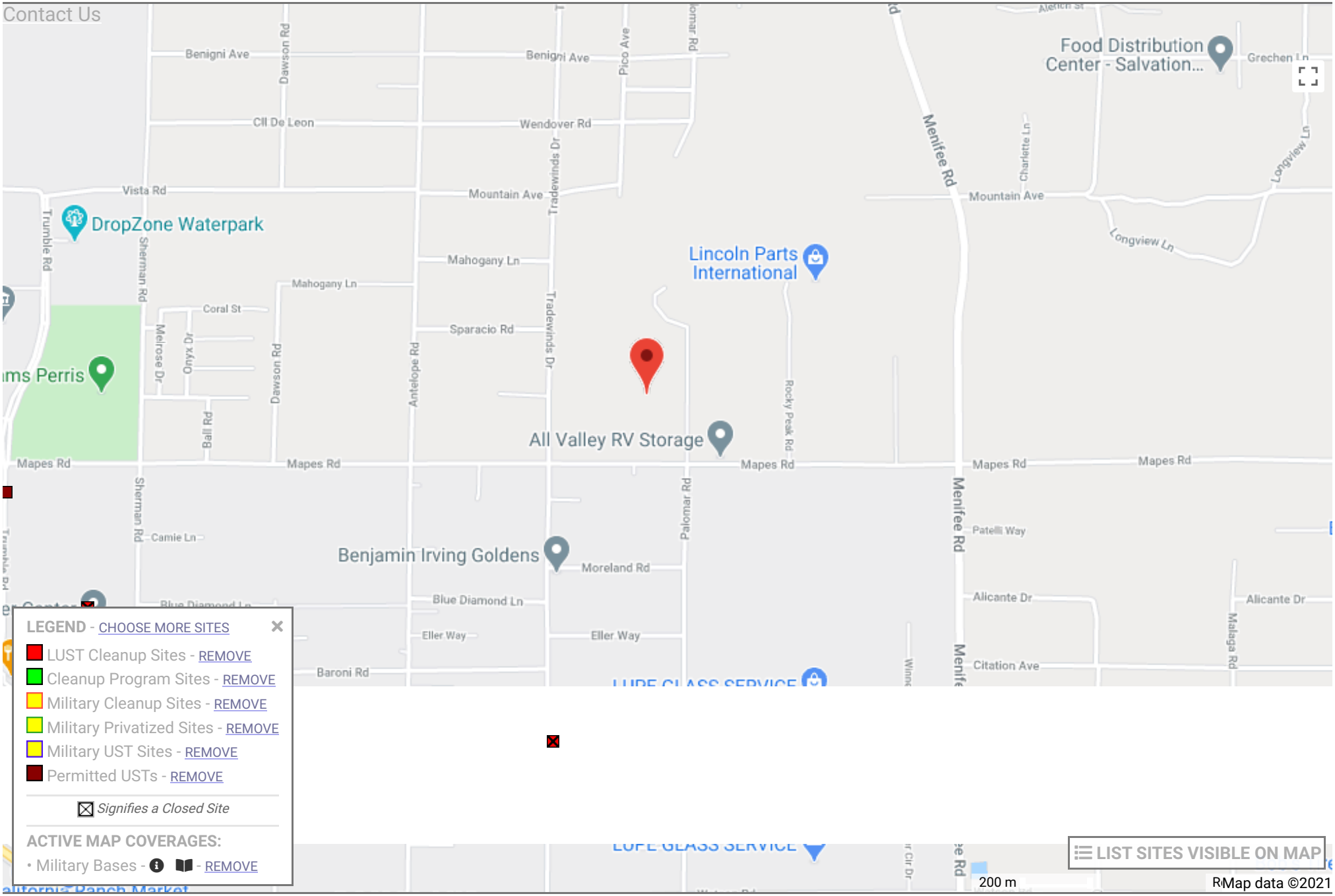
Map data ©2021

SITES CURRENTLY VISIBLE ON MAP

1 SITES LISTED

EXPORT THIS LIST TO EXCEL

PROJECT NAME	STATUS	PROJECT TYPE	ADDRESS	CITY
HIGH SCHOOL NO. 3	NO FURTHER ACTION	SCHOOL INVESTIGATION	BRIGGS ROAD/PINACATE ROAD	ROMOLAND



Sites Shown on Map: 9 Total Sites | 4 Open Sites | 5 Closed Sites | 0 Sites w/Water Quality Data

MAP MY COUNTY

Home | Navigation | Drawing/Graphics | Tools | Tool Labels

Location Information | Clear Selections | Select Parcel(s) | Search By... | Other Searches | Email GIS Staff | Help

Parcels (1)

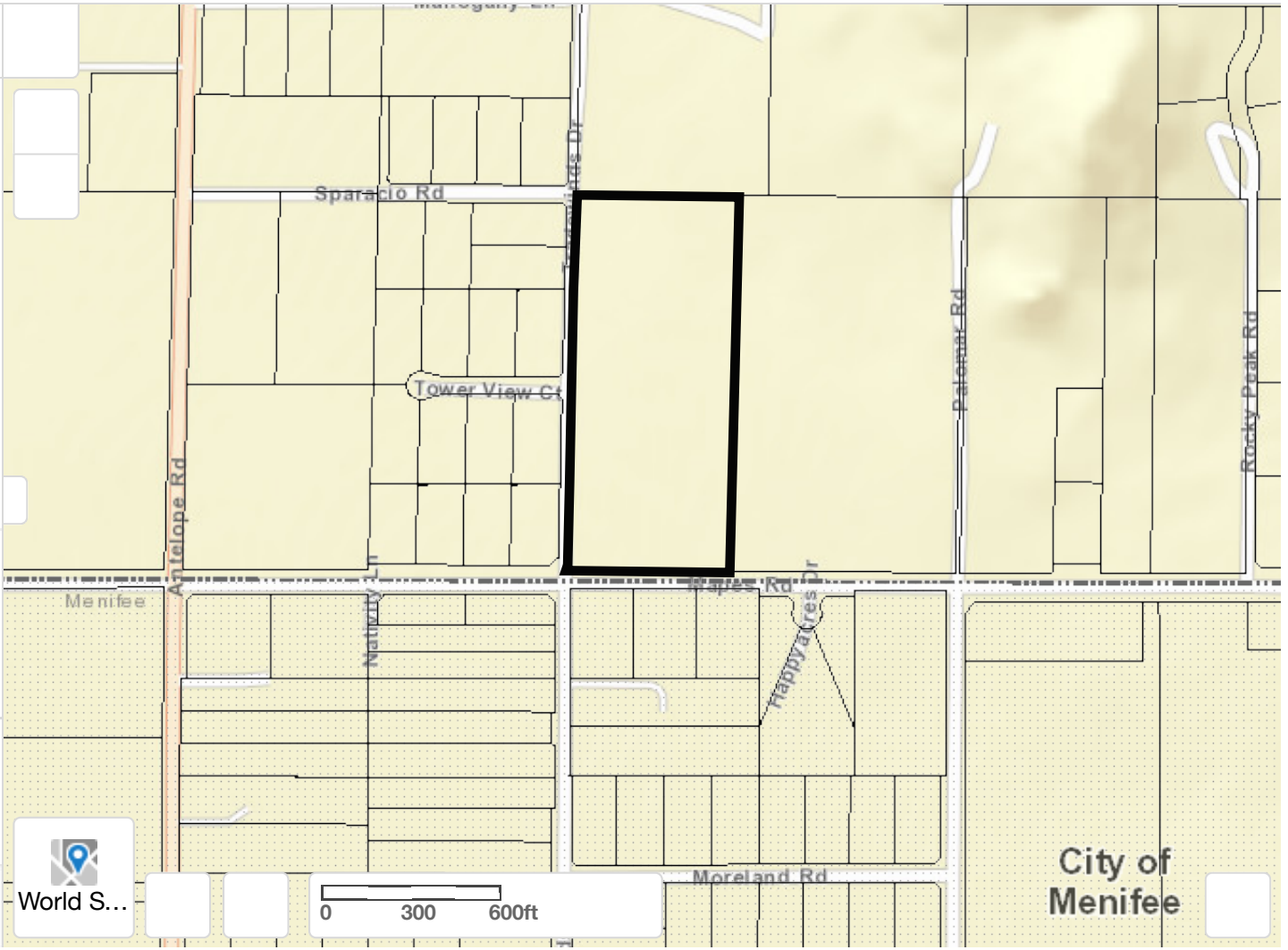
Parcels

APN: 327340017
Owner: Not Available Online
Address:

Assessors Map
Recorded Book/Page:
Full Report for this parcel
Summary Report for this parcel
Full Report for all parcels
Show this Parcel on Google Maps

Displaying 1 - 1 (Total: 1)

Page 1 of 1



MAP MY COUNTY

Home | Navigation | Drawing/Graphics | Tools

Tool Labels

Print | Export | Google Maps | Important Links

Parcels (1)

Parcels

APN: 327340018
Owner: Not Available Online
Address: 28462 MAPES RD
MENIFEE CA 92585

Assessors Map
Recorded Book/Page:
Full Report for this parcel
Summary Report for this parcel
Full Report for all parcels
Show this Parcel on Google Maps

Displaying 1 - 1 (Total: 1)

Page 1 of 1





PERMITS ATTACHED TO APN 327340017 Online Services

Results for 327340017 as of 2/18/2021 4:21:01 PM

CASE/PERMIT	DESCRIPTION	ADDRESS
BEL070579	TEMP POWER TO CONSTRUCTION 1 METER, 1 SUB, 3 POLES	28462 MAPES RD ROMOLAND
BGR060348	ROUGH GRADE FOR TR31687 LOTS 1-67	28462 MAPES RD ROMOLAND
BGR1900195	Rough Grading for TR31687 LOTS 1-31	
BGR1900196	Rough Grading for TR31687-1 LOTS 1-18	
BGR1900197	Rough Grading for TR31687-2 LOTS 1-17	
BMP2000048	BMP for BGR1900195 Rough Grading for	

	TR31687 LOTS 1-31	
BMP2000049	BMP for BGR1900196 Rough Grading for TR31687-1 LOTS 1-18	
BMP2000050	BMP for BGR1900197 Rough Grading for TR31687-2 LOTS 1-17	
FPRBP1900565	TR31687-1	28356 ALPINE MIST SUN CITY
FPRBP1900611	TR31687-2	28356 ALPINE MIST SUN CITY
FPRBP1900612	TR31687-F	28356 ALPINE MIST SUN CITY
IP190005	TR31687 N/E CRNR OF TRADE WINDS DR & MAPES RD	
IP190032	TR31687-1 N/E CRNR OF TRADE WINDS DR & MAPES RD	
IP190033	TR31687-2 N/E CRNR OF TRADE WINDS DR & MAPES RD	
MT070529	TR31687 ALL LOTS	28462 MAPES RD ROMOLAND
OAPT2003563	Retaining Wall Permit for Tract 31687, see uploaded transmittal for further details.	24845 LONE MAPLE SUN CITY
OAPT2003564	Retaining Wall Permit for Tract 31687-1, see uploaded transmittal for further detail.	24918 TRADE WINDS SUN CITY

Search with another APN

9 Digit APN #:
(e.g. 111222333)

Submit Clear Form

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PERMITS ATTACHED TO APN 327340018 Online Services

Results for 327340018 as of 2/18/2021 4:15:01 PM

CASE/PERMIT	DESCRIPTION	ADDRESS
296412	**EXPIRED**GRADING--TRACT 24360 LOTS 1-46	28462 MAPES RD ROMOLAND
311147	**EXPIRED**PRECISE GRADING-CUT 38,544/FILL 28,512	28462 MAPES RD ROMOLAND
BGR1900195	Rough Grading for TR31687 LOTS 1-31	
BGR1900196	Rough Grading for TR31687-1 LOTS 1-18	
BGR1900197	Rough Grading for TR31687-2 LOTS 1-17	

BMP2000048	BMP for BGR1900195 Rough Grading for TR31687 LOTS 1-31	
BMP2000049	BMP for BGR1900196 Rough Grading for TR31687-1 LOTS 1-18	
BMP2000050	BMP for BGR1900197 Rough Grading for TR31687-2 LOTS 1-17	
BZ291973	GAS PIPING	28462 MAPES RD ROMOLAND
IP060034	TR31687 N/E CRNR OF TRADE WINDS DR & MAPES RD.	28462 MAPES RD ROMOLAND
IP190005	TR31687 N/E CRNR OF TRADE WINDS DR & MAPES RD	
IP190032	TR31687-1 N/E CRNR OF TRADE WINDS DR & MAPES RD	
IP190033	TR31687-2 N/E CRNR OF TRADE WINDS DR & MAPES RD	

Search with another APN

9 Digit APN #:
(e.g. 111222333)

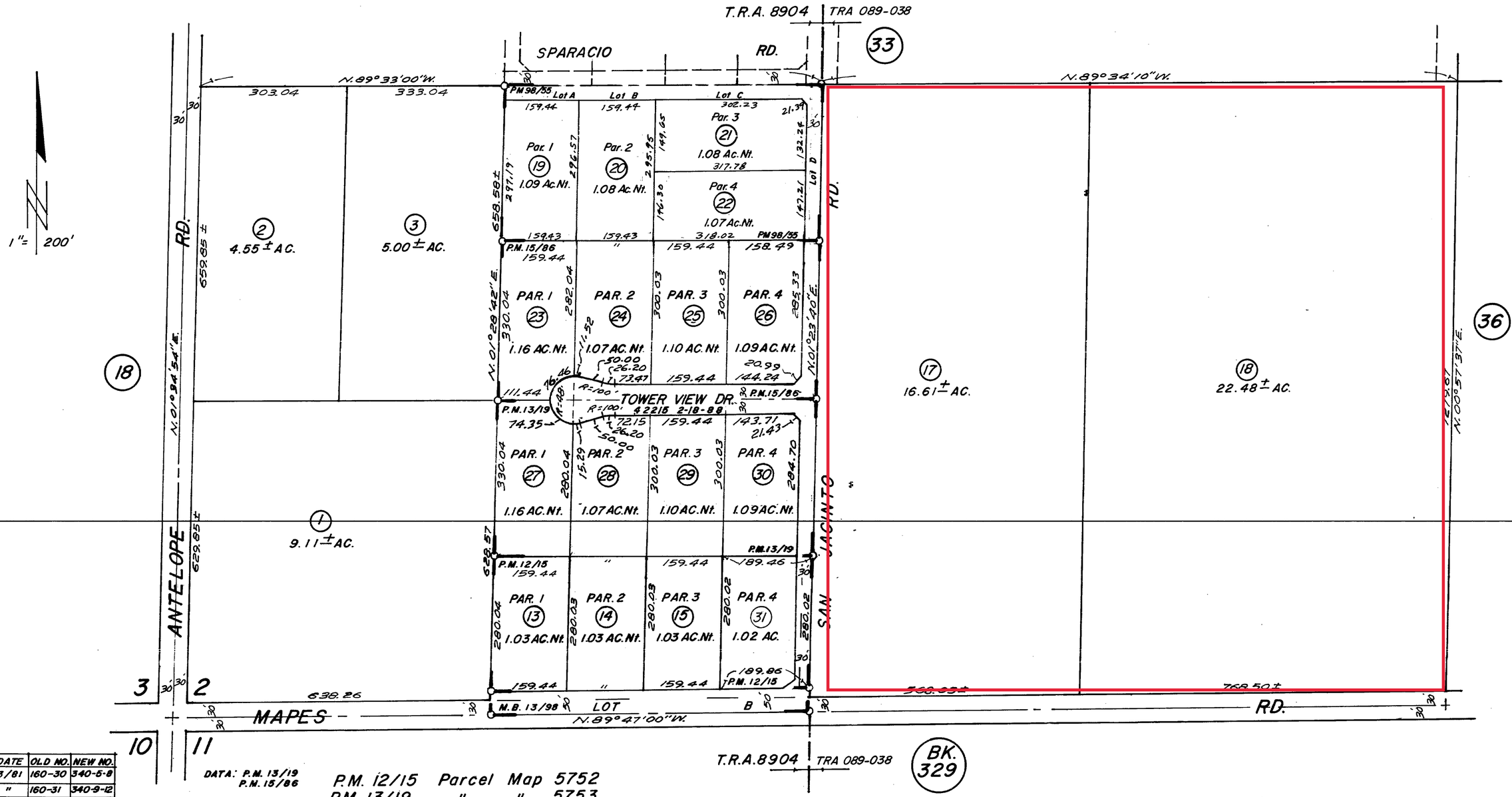
Submit Clear Form

327-16

327-34

T.R.A. 089-004
089-038

S.1/2, SW1/4, SEC. 2, T.5S., R.3W.



DATA: P.M. 13/19
P.M. 15/86

P.M. 12/15 Parcel Map 5752
P.M. 13/19 " " 5753
P.M. 15/86 " " 5754
P.M. 98/55 " " 17277

DATE	OLD NO.	NEW NO.
3/81	160-30	340-5-8
"	160-31	340-9-12
12/81	4	19-22
3-88	5-8	23-26
"	9-12	27-30
2/89	16	31, ST

MAR. 1981

ASSESSOR'S MAP BK. 327 PG. 34
RIVERSIDE COUNTY, CALIF.
W.L.

APPENDIX E

ASTM TRANSACTION SCREEN QUESTIONNAIRE

ENVIRONMENTAL SITE ASSESSMENT
TRANSACTION SCREEN QUESTIONNAIRE

This document is an excerpt of Practice E1528-06: Standard Practice for Environmental Site Assessments: Transaction Screen Process, which is under the jurisdiction of ASTM Committee E50 on Environmental Assessment as is the direct responsibility of Subcommittee E50.02 on Commercial Real Estate Transactions. This questionnaire represents only Sections 5 and 6 of Practice E 1528-06 and should not be construed as being the complete standard. It is necessary to refer to the full standard prior to using this questionnaire. COPYRIGHT@ 2006 ASTM INTERNATIONAL, West Conshohocken, PA. Prior edition copyrighted 2000. Stock # ADJE152806. For the complete standard, or to order additional copies of this questionnaire, contact ASTM Customer service at (610) 832-9585.

5. Introduction to Transaction Screen Questionnaire

5.1 *Process*--The *transaction screen process* consists of asking questions contained within the *transaction screen questionnaire* of *owners* and *occupants* of the *property*, observing site conditions at the property with direction provided by the *transaction screen questionnaire*, and, to the extent *reasonably ascertainable*, conducting limited research regarding certain government records and certain standard historical sources. The questions asked of *owners* are the same questions as those asked of *occupants*.

5.2 *Guide*--The *transaction screen questionnaire* is followed by a guide designed to assist the person completing the *transaction screen questionnaire*. The guide to the *transaction screen questionnaire* is set out in Sections 7-10 of this practice. The guide is divided into three sections: Guide for Owner/Occupant Inquiry, Guide to Site Visit, and Guide to Government Records/Historical Sources Inquiry.

5.2.1 To assist the *user*, its employee or agent, or the preparer in preparing a report, the guide repeats each of the questions set out in the *transaction screen questionnaire* in both the guide for *owner/occupant* inquiry and the guide to *site visit*. The questions regarding government records/historical sources inquiry are also repeated in the guide to that section.

5.2.2 The guide also describes the procedures to be followed to determine if reliance upon the information in a prior *transaction screen* is appropriate under this practice.

5.2.3 A *user*, his employee or agent, or *preparer* conducting the *transaction screen process* should not use the *transaction screen questionnaire* without reference to or without familiarity with the guide based on prior use of the guide.

5.3 The *user* may either conduct the *transaction screen process*, or delegate it to an employee or agent or may contract with a third party to prepare the questionnaire on behalf of the *user*. No matter who prepares the questionnaire, the *user* remains responsible for the decision to conduct limited environmental *due diligence* and the impact of that decision on risk management.

5.4 The *preparer* conducting the *transaction screen* process should use good faith efforts in determining answers to the questions set forth in the *transaction screen questionnaire*. The *user* should take time and care to check whatever records are in the *user's* possession and forward relevant information or specialized knowledge to the *preparer*.

5.5 *Knowledge*--All answers should be given to the best of the *owner's* or *occupant's* knowledge. The most knowledgeable person available should be chosen to answer the questions.

5.5.1 While the person conducting the *transaction screen* has an obligation to ask the questions in the *transaction screen questionnaire*, others may have no obligation to answer them.

5.5.2 The *transaction screen questionnaire* and the *transaction screen guide* sometimes include the phrase "to the best of your knowledge." This phrase does not impose a constructive knowledge standard. It is intended as an assurance to the person being questioned that he or she is not obligated to search out information he or she does not currently have in order to answer the particular question.

5.6 *Conclusions Regarding Afirmative* or *Unknown Answers*-Once a *transaction screen questionnaire* has been completed, it shall be presented to the user. Subject to 5.6 through 5.7, an affirmative, unknown, or no response is presumed to be a *potential environmental concern*. If any of the questions set forth in the *transaction screen questionnaire* are answered in the affirmative, the *preparer* must document the reason for the affirmative answer. If any of the questions are not answered or the answer is unknown, the *user* should document such nonresponse or answer of unknown and evaluate it in light of the other information obtained in the *transaction screen process*, including, in particular, the site visit and the government records/historical sources inquiry. If the *user* decides no further inquiry is warranted after receiving no response, an answer of unknown, or an affirmative answer, the *user* must document the reasons for any such conclusion.

5.6.1 Upon obtaining an affirmative answer, an answer of unknown or no response, the *user* should first refer to the guide. The guide may provide sufficient explanation to allow a *user* to conclude that no further inquiry is appropriate with respect to the particular question.

5.6.2 If the guide to a particular question does not, in itself, permit a user to conclude that no further inquiry is appropriate, then the user should consider other information obtained from the *transaction screen process* relating to this question. For example, while on the site performing a *site visit*, a person may find a storage tank on the *property* and therefore answer Question 10 of the *transaction screen questionnaire* in the affirmative. However, during or subsequent to the *owner/occupant* inquiry, the *owner* may establish that substances now or historically contained in the tank (for example, water) are not likely to cause contamination.

5.6.3 If either the guide to the question or other information obtained during the *transaction screen process* does not permit a *user* to conclude no further inquiry is appropriate with respect to such question, then the user must determine, in the exercise of the *user's* reasonable business judgment, based upon the totality of unresolved affirmative answers or answers of unknown received during the *transaction screen process*, whether further inquiry may be limited to those specific issues identified as of concern.

5.7 *Presumption*--A presumption exists that further inquiry is necessary if an affirmative answer is given to a question or because the answer was unknown or no response was given. In rebutting this presumption, the *user* should evaluate information obtained from each component of the *transaction screen* process and consider whether sufficient information has been obtained to conclude that no further inquiry is necessary. The *user* must determine, in the exercise of the *user's* reasonable business judgment, the scope of such further inquiry.

5.8 *Further Inquiry*--Upon completing the *transaction screen questionnaire*, if the *user* concludes that further inquiry or action is needed (for example, consult with an environmental consultant, contractor, governmental authority, or perform additional governmental and/or historical records review), the *user* should proceed with such inquiry. (Note that if the *user* determines to proceed with a Phase I Environment Site Assessment, the *user* may apply the current Practice E 1527 or alternatively the provisions of EPA's regulation "Standards and Practices for All Appropriate Inquiries," 40 C.F.R. Part 312.)

5.9 *Signature*--The user and the *preparer* of the *transaction screen questionnaire* must complete and sign the questionnaire as provided at the end of the questionnaire.

6. Transaction Screen Questionnaire

6.1 *Persons to Be Questioned*-The following questions should be asked of *(1)* the current owner of the *property*, *(2)* any major occupant of the *property* or, if the property does not have any *major occupants*, at least 10 % of the occupants of the *property*, and *(3)* in addition to the current owner and the occupants identified in *(2)*, any *occupant* likely to be using, treating, generating, storing, or disposing of *hazardous substances* or *petroleum products* on or from the *property*. A major occupant is any *occupant* using at least 40 % of the leasable area of the *property* or any anchor tenant when the *property* is a shopping center. In a multifamily *property* containing both residential and commercial uses, the *preparer* does not need to ask questions of the residential *occupants*. The *preparer* should ask each person to answer all questions to the best of the respondent's *actual knowledge* and in good faith. When completing the *site visit* column, the *preparer* should be sure to observe the *property* and any buildings and other structures on the *property*. The guide to this *transaction screen questionnaire* (see Sections 7-10) provides further details on the appropriate use of this questionnaire. (See Note 2.)
NOTE 2-Unk = "unknown" or "no response."

Description of Site Address:

NORTH EAST CORNER OF
MAPES RD BETWEEN TRADEWINDS AND PALOMAR RD

Question	Owner	Occupants (if applicable)	Observed During Site Visit	If yes, provide description
1a. Is the property used for an industrial use?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
1b. Is any adjoining property used for an industrial use?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
2a. Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
2b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
3a. Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
3b. Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
4a. Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
4b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
6a. Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
7a. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	

' Unk = "unknown" or "no response"

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Question	Owner	Occupants (if applicable)	Observed During Site Visit	If yes, provide description
7b. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ● No ○	Based on historical aerial photos, fill dirt of an unknown origin may have been brought to the site.
8a. Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
9a. Is there currently any stained soil on the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
13a. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
13b. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environment health agency?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○		
15a. Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○		
15b. Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○		
15c. Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○		
15d. Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○		

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Question	Owner	Occupants (if applicable)	Observed During Site Visit	If yes, provide description
16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○		
17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○		
18a. Does the property discharge waste-water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
18b. Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
19. Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	
20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?	Yes ○ No ✓ Unk ○	Yes ○ No ○ Unk ○	Yes ○ No ●	

Government Records/Historical Sources Inquiry

(See guide, Section 10)

21. Do any of the following federal, state, or tribal government record systems list the property or any property within the search distance noted below (where available):	Approximate Minimum Search Distance, miles (kilometres)	
Federal NPL site	1.0	Yes ○ No ●
Federal Delisted NPL site	0.5	Yes ○ No ●
Federal CERCLIS	0.5	Yes ○ No ●
Federal CERCLIS NFRAP site	0.5	Yes ○ No ●
Federal RCRA CORRACTS facilities	1.0	Yes ○ No ●
Federal RCRA non-CORRACTS TSD	0.5	Yes ○ No ●
Federal RCRA generators	property and adjoining properties	Yes ○ No ●
Federal institutional control/engineering control registries	property only	
Federal ERNS	property only	Yes ○ No ●

State and tribal lists of hazardous waste sites identified for investigation or remediation:

State-and tribal-equivalent NPL	1.0	Yes ○ No ●
State-and tribal-equivalent	0.5	Yes ○ No ●
State-and tribal-landfill andlor solid waste disposal site lists	0.5	Yes ○ No ●
State-and tribal-leaking storage tank lists	0.5	Yes ○ No ●
State and tribal registered storage tank lists	property and adjoiningproperties	Yes ○ No ●
State and tribal institutional controllengineering control registries	property only	Yes ○ No ●
State and tribal voluntary cleanup sites	0.5	Yes ○ No ●
State and tribal Brownfield sites	0.5	Yes ○ No ●

22. Based upon a review of fire insurance maps (10.2.3) or local street directories (10.2.3), all as specified in the guide, are any buildings or other improvements on the property or on an adjoiningproperty identified as having been used for an industrial use or uses likely to lead to contamination of the property? Yes ○ No ● Unavailable ○

Result _____

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The Owner questionnaire answers were provided was completed by:

Name: GARY WESTBROOK
Title: V.P. OPERATIONS
Firm: WATERMARKE · HOMES
Address: 1505 5th St
SAN BERNARDINO CA 92408
Phone Number: 909 381-6007 EXT 306
Date: FEBRUARY 17 2021
Role (s) at the site: SINGLE FAMILY RESIDENCE
Number of years at the site: 7 YEARS
Relationship to use (e.g. principal, employee, agent, consultant): EMPLOYEE

The Occupant questionnaire answers were provided by:

Name
Title
Firm
Address
Phone Number
Date
Role (s) at the site
Number of years at the site
Realationship to use (e.g. principal, employee, agent, consultant)

The Site Visit questionnaire was completed by:

Name: Jennifer Bauer Morton
Title: Environmental Geologist
Firm: GeoSoils, Inc.
Address: 5741 Palmer Way
Carlsbad, CA 92010
Phone Number: 760-715-3154
Date: February 18, 2021
Role (s) at the site: Environmental Assessor
Number of years at the site: N/A
Realationship to use (e.g. principal, employee, agent, consultant): Consultant

It is the user's responsibility to draw conclusions regarding afirmative or unknown answers.

The Government Records and Historical Sources Inquiry questionnaire was completed by:

Name: Jennifer Bauer Morton
Title: Environmental Geologist
Firm: GeoSoils, Inc.
Address: 5741 Palmer Way
Carlsbad, CA 92010
Phone Number: 760-715-3154
Date: February 18, 2021
Role (s) at the site: Environmental Assessor
Number of years at the site: N/A
Relationship to use (e.g. principal, employee, agent, consultant): Consultant

User's relationship to the site (for example, owner, prospective purchaser, lender, etc.)

If the preparer (s) is different from the user, complete the following:

Name of User
User's Address
User's Phone Number

Copies of the completed questionnaires have been filed at:

Copies of the completed questionnaires have been mailed or delivered to:

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

Signature:
Date:
Signature:
Date:
Signature:
Date:

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APPENDIX F

RESUMES

JOHN P. FRANKLIN
PRESIDENT/PRINCIPAL GEOLOGIST



EDUCATION

B. S. in Geology, 1975, University of Southern California, Los Angeles

REGISTRATION AND CERTIFICATIONS

State of California, Professional Geologist, No. 4100
State of California, Certified Engineering Geologist, No. 1340
State of California, Certified Hydrogeologist, No. 532
State of Arizona, Registered Geologist, No. 27157
State of Oregon, Registered Engineering Geologist, No. E1411
Registered Environmental Property Assessor, No. 461992 (NREP)
40-Hour/8-Hour Refresher Health and Safety Training for Hazardous Waste Operations

EXPERIENCE

Principal Geologist, GeoSoils, Inc., California
Senior Project Geologist, Owen Geotechnical, San Diego, California
Staff to Project Geologist, Leighton and Associates, San Diego, California
Staff Geologist, R. F. Smith Corporation, Long Beach, California
Staff Geologist, Petro-Tec, Anchorage, Alaska
Staff Geologist, Geological Engineering Service, Inc., Gardena, California

Mr. Franklin has extensive experience in geologic and geophysical investigations in such diverse areas as California, Utah, Nevada, Alaska, Baja California, and mainland Mexico, as well as offshore areas of California. He has performed detailed geotechnical work throughout southern California, including Los Angeles, Orange, Ventura, San Bernardino, Riverside, San Diego, and Imperial counties, as well as Kern County, and Mono County in northeastern California. This experience includes using soil stratigraphy and erosion/sedimentation rates for evaluating active and potentially active fault investigations on the San Andreas, San Jacinto, Elsinore, Chino, Cucamonga, Indio Hills, Newport-Inglewood - Rose Canyon (Orange County and San Diego), La Nacion, Camarillo, Pinto Mountain, Mesquite Lake, Walker Lake, and Mono Lake faults; debris flow, landslide and slope stability investigations; stability investigations for mines and open-pit mines; seismicity studies; subsidence and fissuring investigations; rippability/rock hardness evaluations; solar projects in the Mojave Desert; DEIR projects (some with active faults); forensic investigations throughout southern California, including ports/piers; and expert witness services. He has been involved with geotechnical studies in soft-rock and hard-rock sites for proposed residential, commercial and industrial developments, dams and retention basins, feasibility studies, coastal bluff stability, coastal bluff retreat rates and sea level rise owing to climate change, septic, infiltration, hazardous waste, and groundwater projects in southern California and Mexico. Mr. Franklin has been the project manager and/or principal investigator on geotechnical studies and grading for several large residential projects throughout San Diego, Riverside, San Bernardino and Kern counties, several high-rise commercial and residential projects in downtown San Diego, custom single-family residences throughout southern California and Los Angeles County, including beach and hillside areas, military bases at Camp Pendleton and Twentynine Palms, and roadways with infrastructure and condominiums on Catalina Island. Many projects included water tanks and reservoirs, park sites and other amenities such as clubhouses, lakes, golf courses, etc., as well as flood control channels, bridges, and cut and cover tunnels. Mr. Franklin has also been the project manager/principal investigator of oil and gas projects that include drill rig pads and substructures, associated storage tanks, and transmission pipelines. These project sites have included active oil and gas fields in Huntington Beach, Dominguez Hills, the Port of Long Beach, and Commerce, as well as DEIR studies in the Dominguez Hills oilfield, Lytle Creek, San Diego, and elsewhere.

Mr. Franklin also has performed numerous Phase I and Phase II Environmental Site Assessments, and Site Characterizations for developers, real estate transfers, and bank loan requirements. Project sites have included existing gas stations, mines, shooting ranges, clandestine explosive manufacturing, nurseries, groves, schools, commercial and industrial complexes, and residential properties. Forensic projects have included residential, and commercial buildings, and the R. Reagan ranch house.

PROFESSIONAL AFFILIATIONS AND HONORS

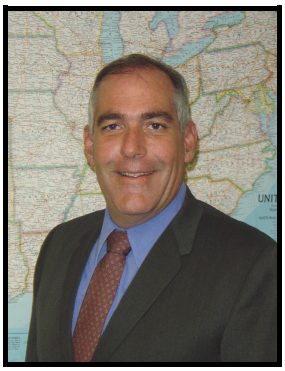
Association of Engineering Geologists
Seismological Society of America
Inland Geological Society
National Water Well Association
Roy J. Shlemon Distinguished Mentor in Applied Geosciences Program, GSA, 2005
Geological Society of America
Past-President, San Diego Association of Geologists
American Association of Petroleum Geologists
Sigma Gamma Epsilon (National Honorary Earth Science Fraternity)
Approved DEIR Consultant, County of San Diego

PUBLICATIONS

Paleoseismic Features Exposed by Trenching the Lowest Coastal Terrace at Carlsbad, California, *in* AAPG Pacific Section Guidebook, June 19-22, 2002, Long Beach, California.

Paleoseismology of Blind and Offshore Faults, North Coast San Diego County, California USA, *in* Proceedings, The 11th ICSDEE and 3rd ICEGE, 7th-9th January, 2004, University of California, Berkeley.

TODD A. GREER
VICE PRESIDENT/PRINCIPAL GEOLOGIST



EDUCATION

B. S. in Geology, 1998, San Diego State University, San Diego, California.

REGISTRATION AND CERTIFICATIONS

State of California, Professional Geologist, No. 7739
State of California, Certified Engineering Geologist, No. 2377.
Professional Certificate in Hazardous Materials Management, 1994, UCSD.
Hazardous Waste Operations and Emergency Response (HAZWOPER), 40-hour OSHA Training.
HAZWOPER, 8-hour Refresher OSHA Training.
Nuclear Densometer Certified.

EXPERIENCE

Principal Geologist, GeoSoils, Inc., Murrieta, California
Senior Project Geologist, Petra Geotechnical, Temecula, California
Staff to Project Geologist, GeoSoils, Inc. Murrieta, California
Geologic and structural mapping, Agua Amarga, 1997, Bahia de Los Angeles, Baja California Mexico, Senior Thesis Project under the direct supervision of Professor David Kimbrough, Ph.D., San Diego State University.

RESPONSIBILITIES

Mr. Greer directs and supervises preliminary geotechnical/geologic field investigations, subsurface drilling operations (large and small diameter), rough grading and hillside grading operations, geologic fault finding and landslide investigations, pavement design investigations, and pavement rehabilitation projects involving Cal-Trans “right-of-ways”, and research and report preparation for geotechnical/geologic projects in the Riverside, San Bernardino and Los Angeles County areas. He has been involved with geotechnical studies in soft-rock and hard-rock sites for proposed residential, commercial and industrial developments, retention basins, feasibility studies, septic, infiltration, and hazardous waste projects in southern California.

Mr. Greer also directs and supervises Phase I and II Environmental Site Assessments (ESA’s) and toxicity screening review of lands slated for future development and laboratory analyses and remediation/mitigation of hazardous materials. This includes site reconnaissance and inspection, aerial photography review and analysis, background document research and review, consultation with local and federal environmental and hazardous waste agencies, report writing and review, including findings, conclusions, and recommendations for project permitting and development.

PROFESSIONAL EXPERIENCE

Mr. Greer also has extensive experience with land use planning, hillside subdivisions, landslide investigations, liquefaction analyses, and geologic/fault investigations as they pertain to future commercial, residential, and roadway/highway development. This includes an extensive background in geologic research and review, aerial photography review and analyses, surface and subsurface geological mapping and cross-sectional illustration and analyses, rotary-wash, hollow-stem, and percussion drilling and sampling in the field to ascertain soil, bedrock, and groundwater conditions pertinent to development of the site. In addition, the evaluation and analysis of soil, bedrock, and lithologic test data, report writing and review, including findings, conclusions, and recommendations of a geotechnical/geologic nature.

PROFESSIONAL AFFILIATIONS

Member, Association of Engineering Geologists and Environmental Engineers (AEG)
Member, Inland Geological Society (IGS)

Jennifer Bauer Morton – Professional Geologist

Education:

Bachelor of Science, Earth Sciences, University of California, San Diego

Training/Licenses/Registrations:

Professional Geologist 8617, California
40-Hour HAZWOPER

Summary of Professional Experience:

Ms. Morton has worked as an environmental consultant since 2001. As a staff and project geologist, Ms. Morton conducted site assessments for numerous leaking underground storage tank projects, installing groundwater monitoring wells, collecting soil and groundwater samples, writing workplans and reports, assisting with remediation, and evaluating data. After several years primarily conducting Phase II site assessments for open environmental cases, Ms. Morton moved into the due diligence area of environmental consulting, initially conducing Phase I/Phase II assessments for gas stations, and later for a wide variety of properties throughout California, as well as in Las Vegas, Nevada and Tucson, Arizona. As a Project Manager, Ms. Morton has overseen numerous Phase I and Phase II site assessments and remediation projects, developing work plans, managing staff and field work, writing and reviewing Phase I and Phase II site assessment reports, developing remediation plans, and interfacing with clients, property owners, and regulatory agencies.

Select project experience for Ms. Morton includes:

- **Phase I ESA, cold storage facility, Downtown Los Angeles.** Ms. Morton conducted a Phase I ESA at a cold storage facility constructed in the 1880's in downtown Los Angeles slated for redevelopment. The facility was located adjacent to railroad tracks and in close proximity to a large remedial excavation for multiple leaking underground storage tanks. The cold storage facility included heavy equipment and stored used oil. Historical fire insurance maps revealed that a large transformer had previously been located at the site during the time period when PCBs were likely used. Ms. Morton also identified the former presence of machine shops and spray paint booths, and provided recommendations for soil and soil vapor sampling prior to redevelopment of the site.
- **Phase I, Phase II, and Remedial Excavation, auto salvage yard, Chula Vista, California.** Ms. Morton conducted a Phase I ESA at an auto salvage yard slated for redevelopment as an office building complex. Ms. Morton identified historical use of the property as a dairy farm. Due to the potential presence of petroleum hydrocarbons associated with auto dismantling activities, Ms. Morton recommended and conducted soil sampling throughout the property. During grading activities, a large, 20-foot deep illegal landfill was uncovered. Ms. Morton developed a plan for a remedial excavation and confirmation sampling in conjunction with the local oversight agency, leading to case closure and allowing for redevelopment of the property.
- **Phase I, Phase II, and Soil Vapor Extraction, vacant land/former commercial property, Long Beach, California.** Ms. Morton oversaw Phase I, Phase II, health risk assessment, and remediation activities for a property in Long Beach slated for redevelopment as mixed-use commercial and low-income housing. A former dry cleaner and automotive repair facility were identified onsite. Adjoining properties included automotive repair facilities and an upgradient leaking underground storage tank site. Petroleum hydrocarbons and tetrachloroethylene were identified in soil and groundwater at the site. Ms. Morton oversaw the installation of groundwater monitoring wells, permanent soil vapor probes, soil vapor extraction wells, and a soil vapor extraction system. Ms. Morton developed a Removal Action

Workplan and worked with the Department of Toxic Substances Control to achieve approval in a short time period to accommodate construction schedules.

- **Phase I site reconnaissance at a large apartment complex, Los Angeles, California.** Ms. Morton was part of a team conducting a site reconnaissance for a Phase I ESA at a large apartment complex in the La Brea neighborhood of Los Angeles. The complex included high-rise apartment towers and garden apartment homes constructed in the 1940s above a shallow oil field. Ms. Morton implemented a radon survey during the site reconnaissance. Ms. Morton identified locations of oil collection sumps and methane monitoring equipment. And discovered that USTs used for fueling resident's vehicles were historically located on the subject property.
- **Phase I ESA, Historic Inn, Rancho Santa Fe, California.** Ms. Morton conducted a Phase I ESA at a hotel and associated residential properties. Ms. Morton identified former agricultural land using historical aerial photographs at the location of the residences located on the hotel property and provided a recommendation for soil sampling prior to redevelopment of the properties.
- **Phase I and Phase II ESA, palm tree farm, Carlsbad, California.** Ms. Morton conducted a Phase I ESA on a property that had been used as a palm tree farm and residence. Ms. Morton discovered regulatory records indicating a UST had also been located at the property. Based on the historical site usage, Ms. Morton recommended soil sampling to determine if the site had been impacted by organochlorine pesticides as well as by petroleum hydrocarbons from the UST. Ms. Morton collected shallow soil samples using a hand auger for pesticide analysis and oversaw direct push drilling in the location of the former UST identified by the property owner to collect soil samples for petroleum hydrocarbon and VOC analysis.
- **Leaking Underground Storage Tank Investigations, throughout Southern California.** Ms. Morton worked on a portfolio of leaking UST projects at gas stations for a major oil company. Ms. Morton conducted groundwater monitoring well installations, soil, and groundwater sampling, and workplan, site assessment, and groundwater monitoring report preparation.
- **Apartment Complex, San Diego, California.** Ms. Morton conducted a Phase I ESA at a 448-unit apartment complex per Freddie Mac guidelines. Although the subject property did not appear on any regulatory databases, Ms. Morton determined that the complex was constructed within the footprint of a former missile manufacturing facility impacted by chlorinated solvents. Ms. Morton completed an extensive file review at the San Diego County Department of Environmental Health, as well as a limited health risk assessment. Ms. Morton determined that the continued presence of volatile organic compounds in soil vapor beneath the subject property at concentrations representing a potential human health risk could not be ruled out, and was therefore considered a recognized environmental condition.

PHASE II ENVIRONMENTAL SCREENING CHARACTERIZATION (PESTICIDES, HERBICIDES, HEAVY METALS, VOCS, AND TPH) TRACTS 31687, 31687-1, AND 31687-2 MOUNT VISTA PROJECT, ROMOLAND AREA RIVERSIDE COUNTY, CALIFORNIA

FOR

WATERMARKE HOMES, LLC
1505 SOUTH D STREET, SUITE 200
SAN BERNARDINO, CALIFORNIA 92408

W.O. E7563.1-SC SEPTEMBER 10, 2021

GeoSoils, Inc.

Geotechnical • Geologic • Coastal • Environmental

18451 Collier Avenue, Suite A•Lake Elsinore, California 92530•(951) 471-0700 • FAX (951) 471-070 • www.geosoilsinc.com

September 10, 2021

W.O. E7563.1-SC

Watermarke Homes, LLC
1505 South D Street, Suite 200
San Bernardino, California 92408

Attention: Mr. Gary Weintraub

Subject: Phase II Environmental Screening Characterization (Pesticides, Herbicides, Heavy Metals, VOCs, and TPH) Tracts 31687, 31687-1, and 31687-2, Mount Vista Project, Romoland Area, Riverside County, California

Dear Mr. Weintraub:

In accordance with your request and authorization, GeoSoils, Inc. (GSI) is pleased to present the results of our Phase II environmental screening characterization for Tracts 31687, 31687-1, and 31687-2 (Mount Vista project) in the Romoland area of Riverside County, California. The purpose of this Phase II environmental screening characterization is to satisfy and address recent and updated review comments by the Riverside County Department of Environmental Health (RCDEH, 2021), and provide onsite soils testing for pesticides, herbicides, heavy metals, volatile organic compounds (VOCs), and total petroleum hydrocarbon (TPH) contamination of the graded fill materials, to the extent practical.

SITE LOCATION AND BACKGROUND

Tracts 31687, 31687-1, and 31687-2 are located on the northeast corner of the intersection of Mapes Road and Tradewinds Drive in the Romoland area of Riverside County, California. The property is bounded on the south by Mapes Road, on the west by Tradewinds Drive, on the east by Palomar Road, and on the north by the eastward extension of Sparacio Road and an undeveloped property. The tract was previously graded under the geotechnical observation and testing services of GSI in 2007.

As indicated in the email correspondence by the RCDEH (2021), and as described in our previous Phase I ESA (GSI, 2021), prior to site grading soil stockpiles from an unknown origin appear to be present onsite, based on our review of historic site aerial photographs. It is not unreasonable to expect that the stockpiled soils may have contained agricultural pesticides, herbicides, and/or products containing heavy metals, considering the widespread historic use of these agricultural products throughout California. Although a majority of currently banned (i.e., restricted) pesticides have not been used for at least

20 years, there remains a potential for the previous stockpiles onsite to have contained these chemicals or metals. The purpose of this environmental Phase II fill soils characterization is to respond to the RCDEH comments received, and provide screening test data regarding onsite soils containing pesticides, herbicides, metals, VOCs, and/or TPH that may be potentially present within the compacted fills on the property.

ENVIRONMENTAL TESTING

As discussed above, GSI conducted environmental testing to evaluate the graded fill materials for pesticide, herbicide, heavy metal, volatile organic compounds (VOCs), and/or total petroleum hydrocarbon (TPH) contamination, to the extent practical. On August 13, 2021, GSI collected eight (8) representative soil samples onsite, at varying depths. The approximate locations of the samples obtained are provided on Figure 1 (Sample Location Map).

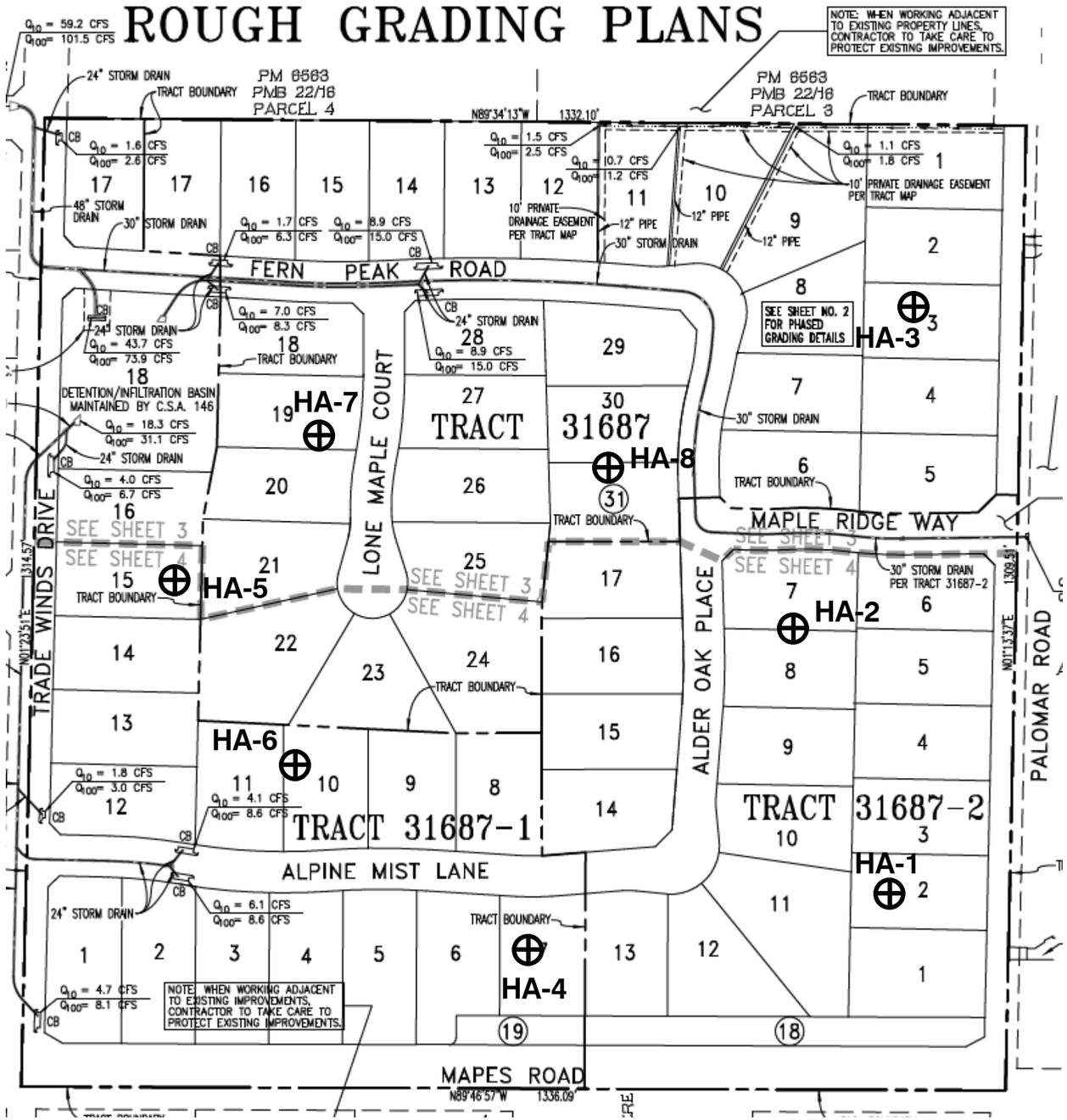
The soil sampling and analytical laboratory testing for this study was conducted in general accordance with the California Department of Toxic Substances Control (DTSC, 2013), and the DTSC (2001) information advisory - clean imported fill material. The sampling equipment was cleaned, prior to, and after each sampling event following appropriate protocol to minimize the likelihood of cross-contamination and to minimize the potential for false positives in the soil samples analyzed. Soil samples were collected at selected locations and depths, logged and placed in glass jars, labeled, and kept in a refrigerated environment pending delivery to the laboratory. Subsequent to completed field work, the soil samples were immediately delivered to the Eurofins/Calscience laboratory in Garden Grove to be analyzed for Organochlorine Pesticides (OCPs) utilizing EPA Test Method 8081A, Organophosphorous Pesticides (OPPs) utilizing EPA Test Method 8141A, Chlorinated Herbicides utilizing EPA Test Method 8151A, Title 22/CAM 17 metals utilizing EPA Test Methods 6010B and 7471A, volatile organic compounds (VOCs) utilizing EPA Test Method 8260B or 624, and total petroleum hydrocarbons (TPH) utilizing EPA Test Method 8015B, under proper chain-of-custody protocol.

It should be noted that there was no visual or olfactory evidence of hydrocarbon odors and/or soil staining within any of the soils or in-place materials during our August 13, 2021 sampling event, nor were any reported during grading. The pertinent findings from the environmental soils sampling event conducted, are provided below:

ANALYTICAL TESTING RESULTS

1. Soil sampling and analytical testing of the soil samples collected from Tracts 31687, 31687-1, and 31687-2, revealed that concentrations of Organochlorine Pesticides (OCPs) were detected above the laboratory reporting limits in only one (1) of the eight (8) samples analyzed onsite. However, the OCP test results concentrations

TRACT 31687, -1, -2
ROUGH GRADING PLANS



GSI LEGEND

HA-8 ⊕ **Approximate Location of Exploratory Hand Auger Boring**

N

ALL LOCATIONS ARE APPROXIMATE

This document or e-file is not part of the Construction Documents and should not be relied upon as being an accurate depiction of design.

Figure Adapted from the Rough Grading Plans by CSL Engineering, 2018.

GeoSoils, Inc.

SAMPLE LOCATION MAP *Figure 1*

W.O. E7563.1-SC	DATE: 09/21	SCALE: NTS

are well below the California Regional Water Quality Control Board (RWQCB) summary of soil Environmental Screening Levels (ESLs, 2019a) for residential shallow soil exposure (i.e, minimum direct exposure risk level of 2.7 mg/kg for DDD, 1.8 mg/kg for DDE, and 420 mg/kg for Endosulfan [non-cancer hazard]).

2. Analytical testing of the soil screening samples indicated that concentrations of Organophosphorous Pesticides (OPPs) were non-detect at the laboratory reporting limits (i.e., were non-detect).

3. Analytical testing of the soil screening samples indicated that concentrations of Chlorinated Herbicides were non-detect at the laboratory reporting limits (i.e., were non-detect).

4. Analytical testing of the soil screening samples indicated that concentrations of Total Petroleum Hydrocarbons (TPH C-6 to C-44 range) were detected above the laboratory reporting limits in all eight (8) samples analyzed onsite. However, the TPH test results are well below the California Regional Water Quality Control Board (RWQCB) summary of soil Environmental Screening Levels (ESLs, 2019a) for residential shallow soil exposure (i.e., minimum direct exposure risk level of 430 mg/kg for gasoline range organics and 260 mg/kg for diesel range organics [non-cancer hazard]).

5. Analytical testing of the soil screening samples collected from the onsite fill soils, indicated that concentrations of volatile organic compounds (VOCs) were detected above the laboratory reporting limits in only four (4) of the eight (8) samples analyzed onsite. However, the VOC test results are well below the California Regional Water Quality Control Board (RWQCB) summary of soil Environmental Screening Levels (ESLs, 2019a) for residential shallow soil exposure (i.e., minimum direct exposure risk level 61,000 mg/kg for Acetone [non-cancer hazard], 1,100 mg/kg for Toluene [non-cancer hazard], 5.9 mg/kg for Ethylbenzene, 1.9 mg/kg for Methylene Chloride, and 580 mg/kg for Xylenes).

6. Many of the CA Title - 22 CAM 17 metals were detected at concentrations above the laboratory reporting limits; however, were below the summary ESLs (2019a) for residential soils, with the exception of Vanadium. Vanadium occurs naturally in about 65 minerals, and is typically used in industry during smelting. Vanadium was slightly above the Tier 1 ESL. However, it is of the same magnitude as the ESL, and well under the Tier 2 ESL (390 mg/kg), and construction worker health hazard risk for any land use/soil depth exposure (470 mg/kg). Smelting using Vanadium is not known in the immediate region. The Vanadium is, therefore, most likely naturally occurring and reflects background levels. The laboratory analytical reports for all samples collected are provided in Appendix B.

CONCLUSIONS AND RECOMMENDATIONS

Conclusions

Based upon the information obtained during the course of this screening characterization study, GSI presents the following summary of findings and conclusions:

1. Concentrations of Organochlorine Pesticides (OCPs) were detected above the laboratory reporting limits in only one (1) of the eight (8) samples analyzed onsite. However, the OCP test results concentrations are well below the California Regional Water Quality Control Board (RWQCB) summary of soil Environmental Screening Levels (ESLs, 2019a). Therefore, based on the above, OCPs are not considered a recognized environmental condition (REC).

2. Concentrations of Organophosphorous Pesticides (OPPs) were non-detect at the laboratory reporting limits (i.e., were non-detect). Therefore, based on the above, OPPs are not considered a recognized environmental condition (REC).

3. Concentrations of Chlorinated Herbicides were non-detect at the laboratory reporting limits (i.e., were non-detect). Therefore, based on the above, Chlorinated Herbicides are not considered a recognized environmental condition (REC).

4. Concentrations of Total Petroleum Hydrocarbons (TPH C-6 to C-44 range) were detected above laboratory reporting limits in all eight (8) samples analyzed. However, the TPH test results are well below the California Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs, 2019a) for residential soils. Therefore, based on the above, Total Petroleum Hydrocarbons are not considered a recognized environmental condition (REC).

5. Concentrations of volatile organic compounds (VOCs) in the stockpiled soils and in-place materials were detected above the laboratory reporting limits in only four (4) of the eight (8) samples analyzed onsite. However, the VOC test results are well below the California Regional Water Quality Control Board (RWQCB) Environmental Screening Levels (ESLs, 2019a) for residential soils. Therefore, based on the above, volatile organic compounds (VOCs) are not considered a REC.

6. Many of the CA Title - 22 CAM 17 metals were detected at concentrations above laboratory reporting limits; however, were below the ESLs (2019a) for residential soils, with the exception Vanadium. Vanadium was slightly above the Tier 1 ESL. However, it is of the same magnitude as the ESL, and well under the Tier 2 ESL (390 mg/kg), and construction worker health hazard risk for any land use/soil depth exposure (470 mg/kg). The Vanadium is most likely due to natural background levels. Therefore, based on the above, CA Title 22 metals are not considered REC's.

Recommendations

- Based on our observations and the environmental sampling conducted within Tracts 31687, 31687-1, and 31687-2, the laboratory analytical testing conducted for this study, and our analysis, the graded fill materials appear suitable for residential use applications from an environmental viewpoint.

- Based upon the information collected by GSI during this screening characterization study, further studies or action, other than the above, are not recommended from an environmental viewpoint, at this time.

LIMITATIONS AND EXCEPTIONS

This screening characterization study does not include any of the following:

- Geotechnical evaluation of the site (provided under separate cover);
- Phase I Environmental Site Assessment (provided under separate cover);
- Water sampling and analyses;
- Consideration of possible future contamination of the property from adjacent or surrounding facilities or properties; and,
- Radon gas, mold, methane, electromagnetic, sludge, or biologic evaluation(s).

Special Terms and Conditions

This report is intended for the use of the Client (Watermarke Homes, LLC). This report is based upon field conditions observed during our environmental soil sampling event conducted on August 13, 2021. Site conditions may change from time to time, in response to natural and human-made conditions. The contents should not be relied upon by any party other than the aforementioned without the express written consent of GSI. This report does not consider possible future contamination of the site from adjacent or surrounding facilities or properties and/or additional unauthorized spills and/or leaks. All judgments apply only to conditions observed by GSI during the environmental soil testing performed in preparation of this report.

LIMITATIONS

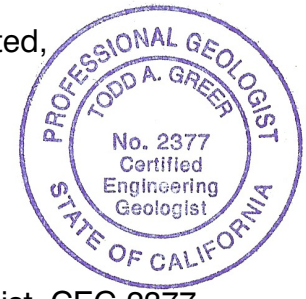
GSI has performed the services for this project in accordance with the terms of a contract between GSI and Client and in accordance with current professional standards for investigations of this type. The conclusions presented in this report are based on the information collected during the study, the present understanding of the site conditions, and professional judgment. The interpretations and recommendations of GSI are based solely on such information, and/or information supplied by Client. Findings of this limited study, based on data provided by others, carries no warranty, express or implied, as a result of the usage of such data.

It is possible that future investigations may reveal additional conditions or variations of the current data which may require the current conclusions and recommendations to be reevaluated. As a result, GSI makes no warranty, either express or implied, as to its findings, opinions, recommendations, specifications, or professional advice except that they were promulgated after being prepared in accordance with generally accepted standards of care and diligence normally practiced by recognized consulting firms performing services of a similar nature. The information in this report is relevant to the date of the site work and should not be relied on to represent conditions at any later date. Facts, conditions, and acceptable risk factors change with time, accordingly, this report should be viewed within this context.

We appreciate the opportunity to be of service to you. If you have any questions pertaining to this report or any other matter, please do not hesitate to call us at (951) 471-0700.

Respectfully submitted,

GeoSoils, Inc.



Todd A. Greer
Engineering Geologist, CEG 2377



John P. Franklin
Registered Environmental Property Assessor, NREP 461992, CEG 1340

TAG/JPF/sh

Attachments: Appendix A - References
Appendix B - Laboratory Analytical Results

Distribution: (1) Addressee (via email pdf)

APPENDIX A

REFERENCES

APPENDIX A

REFERENCES

Bradford, G.R., Change, A.C., Page, A.L., Bakhtar, D., Frampton, J.A., and Wright, H., 1996, Background concentrations of trace and major elements in California soils, in Kearney Foundation special report, dated March.

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_____, 2007, As-Graded geotechnical report of grading, Model Lots 62 through 65, Tract 31687, W.O. 4787-B-SC, Romoland area, Riverside County, California, dated May 14.

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_____, 2005, Preliminary geotechnical investigation and general rippability assessment, Tract 31687, Romoland area, Riverside County, California, W.O. 4787-A-SC, dated June 30.

Riverside County Department of Environmental Health (RCDEH), 2020, See the comments below for what still needs to be addressed:, email correspondence dated June 22.

APPENDIX B

LABORATORY ANALYTICAL RESULTS

eurofins | Environment Testing America



ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-67245-1
Client Project/Site: Mount Vista-Romoland

For:
GeoSoils, Inc
18451 Collier Avenue, Suite A
Lake Elsinore, California 92530

Attn: Todd Greer

Kathleen M. Burney

Authorized for release by:
8/30/2021 11:26:46 AM
Kathleen Burney, Project Mgmt. Assistant
Kathleen.Burney@eurofinset.com

Designee for

Terri Chang, Project Manager I
(714)895-5494
Terri.Chang@eurofinset.com

LINKS

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www.eurofinsus.com/Env

The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: GeoSoils, Inc
Job ID: 570-67245-1
Project/Site: Mount Vista-Romoland

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

Metals

Qualifier	Qualifier Description
L	A negative instrument reading had an absolute value greater than the reporting limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GeoSoils, Inc
Project/Site: Mount Vista-Romoland

Job ID: 570-67245-1

Job ID: 570-67245-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-67245-1

Comments
No additional comments.

Receipt
The samples were received on 8/13/2021 3:50 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.4º C.

GC/MS VOA
Method 8260B: The following analytes recovered outside control limits for the LCSD associated with preparation batch 570-174158 and analytical batch 570-174232: 2-Butanone and 4-Methyl-2-pentanone. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8260B: The initial calibration curve analyzed in batch 570-174232 was outside method criteria for the following analytes: Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Method 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 570-174158 and analytical batch 570-174232 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) recoveries and precision were within acceptance limits.

Method 8260B: The following sample was analyzed via a low-level analysis and a high-level (i.e., methanol extract) analysis. The low-level analysis resulted in a value for Acetone above the upper calibration range. The high-level analysis resulted in a non-detect for this analyte in the lowest possible dilution utilized. The results from the low-level analysis are provided and have been flagged as estimated. HA-8 @ 2' (570-67245-8).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8141A: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 570-172398 and analytical batch 570-172501 recovered outside control limits for the following analyte: Naled. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8141A: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-172398 and analytical batch 570-172501 recovered outside control limits for the following analytes: Disulfoton.

Method 8141A: The continuing calibration verification (CCV) associated with 570-172501 recovered high and outside the control limits for Naled on one column. Results are confirmed on both columns and reported from the passing column.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
Method 6010B: The absolute response for Selenium was greater than the method reporting limit (RL) in the following samples: HA-1 @ 1' (570-67245-1), HA-2 @ 2' (570-67245-2), HA-3 @ 3' (570-67245-3), HA-4 @ 1' (570-67245-4), HA-5 @ 2' (570-67245-5), HA-6 @ 3' (570-67245-6), HA-7 @ 1' (570-67245-7) and HA-8 @ 2' (570-67245-8). The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Beryllium was greater than the method reporting limit (RL) in the following samples: HA-1 @ 1' (570-67245-1) and HA-8 @ 2' (570-67245-8). The instrument raw data has been manually reviewed and the result can be reported as ND.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Job ID: 570-67245-1 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: GeoSoils, Inc
Project/Site: Mount Vista-Romoland

Job ID: 570-67245-1

Client Sample ID: HA-1 @ 1'

Lab Sample ID: 570-67245-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C6-C44	10		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	9.9		4.9		mg/Kg	1		8015B	Total/NA
Barium	255		0.521		mg/Kg	1		6010B	Total/NA
Cadmium	1.08		0.521		mg/Kg	1		6010B	Total/NA
Chromium	19.9		1.04		mg/Kg	1		6010B	Total/NA
Cobalt	14.0		1.04		mg/Kg	1		6010B	Total/NA
Copper	16.6		1.04		mg/Kg	1		6010B	Total/NA
Nickel	8.13		0.521		mg/Kg	1		6010B	Total/NA
Vanadium	57.2		1.04		mg/Kg	1		6010B	Total/NA
Zinc	51.8		10.4		mg/Kg	1		6010B	Total/NA

Client Sample ID: HA-2 @ 2'

Lab Sample ID: 570-67245-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C21-C22	5.2		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	19		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	15		4.9		mg/Kg	1		8015B	Total/NA
Barium	216		0.537		mg/Kg	1		6010B	Total/NA
Cadmium	0.938		0.537		mg/Kg	1		6010B	Total/NA
Chromium	26.6		1.07		mg/Kg	1		6010B	Total/NA
Cobalt	12.1		1.07		mg/Kg	1		6010B	Total/NA
Copper	4.64		1.07		mg/Kg	1		6010B	Total/NA
Nickel	12.2		0.537		mg/Kg	1		6010B	Total/NA
Vanadium	49.6		1.07		mg/Kg	1		6010B	Total/NA
Zinc	46.1		10.7		mg/Kg	1		6010B	Total/NA

Client Sample ID: HA-3 @ 3'

Lab Sample ID: 570-67245-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C21-C22	6.1		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	18		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	17		4.9		mg/Kg	1		8015B	Total/NA
4,4'-DDD	0.014		0.0050		mg/Kg	1		8081A	Total/NA
4,4'-DDE	0.0098		0.0050		mg/Kg	1		8081A	Total/NA
Endosulfan I	0.0081	p	0.0050		mg/Kg	1		8081A	Total/NA
Barium	154		0.500		mg/Kg	1		6010B	Total/NA
Cadmium	0.702		0.500		mg/Kg	1		6010B	Total/NA
Chromium	25.1		1.00		mg/Kg	1		6010B	Total/NA
Cobalt	9.21		1.00		mg/Kg	1		6010B	Total/NA
Copper	2.78		1.00		mg/Kg	1		6010B	Total/NA
Nickel	11.3		0.500		mg/Kg	1		6010B	Total/NA
Vanadium	37.6		1.00		mg/Kg	1		6010B	Total/NA
Zinc	33.0		10.0		mg/Kg	1		6010B	Total/NA

Client Sample ID: HA-4 @ 1'

Lab Sample ID: 570-67245-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C21-C22	4.9		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	16		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	15		4.9		mg/Kg	1		8015B	Total/NA
Barium	182		0.481		mg/Kg	1		6010B	Total/NA
Cadmium	0.807		0.481		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HA-4 @ 1' (Continued)
Lab Sample ID: 570-67245-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Chromium	11.2		0.962		mg/Kg	1		6010B	Total/NA
Cobalt	9.93		0.962		mg/Kg	1		6010B	Total/NA
Copper	3.45		0.962		mg/Kg	1		6010B	Total/NA
Nickel	5.30		0.481		mg/Kg	1		6010B	Total/NA
Vanadium	42.9		0.962		mg/Kg	1		6010B	Total/NA
Zinc	37.3		9.62		mg/Kg	1		6010B	Total/NA

Client Sample ID: HA-5 @ 2'
Lab Sample ID: 570-67245-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	20		20		ug/Kg	1		8260B	Total/NA
Toluene	1.0		0.98		ug/Kg	1		8260B	Total/NA
C19-C20	5.1		4.9		mg/Kg	1		8015B	Total/NA
C21-C22	7.0		4.9		mg/Kg	1		8015B	Total/NA
C25-C28	8.2		4.9		mg/Kg	1		8015B	Total/NA
C29-C32	9.9		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	11		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	42		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	23		4.9		mg/Kg	1		8015B	Total/NA
Barium	157		0.522		mg/Kg	1		6010B	Total/NA
Cadmium	0.737		0.522		mg/Kg	1		6010B	Total/NA
Chromium	11.0		1.04		mg/Kg	1		6010B	Total/NA
Cobalt	9.30		1.04		mg/Kg	1		6010B	Total/NA
Copper	3.63		1.04		mg/Kg	1		6010B	Total/NA
Nickel	5.33		0.522		mg/Kg	1		6010B	Total/NA
Vanadium	38.7		1.04		mg/Kg	1		6010B	Total/NA
Zinc	36.0		10.4		mg/Kg	1		6010B	Total/NA

Client Sample ID: HA-6 @ 3'
Lab Sample ID: 570-67245-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Toluene	1.1		0.99		ug/Kg	1		8260B	Total/NA
C21-C22	5.9		4.9		mg/Kg	1		8015B	Total/NA
C25-C28	5.3		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	22		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	17		4.9		mg/Kg	1		8015B	Total/NA
Barium	242		0.517		mg/Kg	1		6010B	Total/NA
Cadmium	1.14		0.517		mg/Kg	1		6010B	Total/NA
Chromium	13.7		1.03		mg/Kg	1		6010B	Total/NA
Cobalt	13.5		1.03		mg/Kg	1		6010B	Total/NA
Copper	16.0		1.03		mg/Kg	1		6010B	Total/NA
Nickel	6.64		0.517		mg/Kg	1		6010B	Total/NA
Vanadium	56.5		1.03		mg/Kg	1		6010B	Total/NA
Zinc	64.9		10.3		mg/Kg	1		6010B	Total/NA

Client Sample ID: HA-7 @ 1'
Lab Sample ID: 570-67245-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	30		20		ug/Kg	1		8260B	Total/NA
Toluene	1.3		0.99		ug/Kg	1		8260B	Total/NA
C6-C44	14		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	12		4.9		mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: HA-7 @ 1' (Continued)

Lab Sample ID: 570-67245-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Barium	162		0.485		mg/Kg	1		6010B	Total/NA
Cadmium	0.720		0.485		mg/Kg	1		6010B	Total/NA
Chromium	7.75		0.971		mg/Kg	1		6010B	Total/NA
Cobalt	9.31		0.971		mg/Kg	1		6010B	Total/NA
Copper	2.17		0.971		mg/Kg	1		6010B	Total/NA
Nickel	4.07		0.485		mg/Kg	1		6010B	Total/NA
Vanadium	38.6		0.971		mg/Kg	1		6010B	Total/NA
Zinc	33.9		9.71		mg/Kg	1		6010B	Total/NA

Client Sample ID: HA-8 @ 2'

Lab Sample ID: 570-67245-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	210	E	19		ug/Kg	1		8260B	Total/NA
Ethylbenzene	1.0		0.97		ug/Kg	1		8260B	Total/NA
Methylene Chloride	15		9.7		ug/Kg	1		8260B	Total/NA
o-Xylene	1.1		0.97		ug/Kg	1		8260B	Total/NA
m,p-Xylene	4.0		1.9		ug/Kg	1		8260B	Total/NA
Toluene	6.9		0.97		ug/Kg	1		8260B	Total/NA
C21-C22	5.6		4.9		mg/Kg	1		8015B	Total/NA
C25-C28	9.6		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	6.7		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	38		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	22		4.9		mg/Kg	1		8015B	Total/NA
Barium	218		0.476		mg/Kg	1		6010B	Total/NA
Cadmium	0.890		0.476		mg/Kg	1		6010B	Total/NA
Chromium	8.28		0.952		mg/Kg	1		6010B	Total/NA
Cobalt	11.1		0.952		mg/Kg	1		6010B	Total/NA
Copper	1.95		0.952		mg/Kg	1		6010B	Total/NA
Nickel	4.35		0.476		mg/Kg	1		6010B	Total/NA
Vanadium	44.6		0.952		mg/Kg	1		6010B	Total/NA
Zinc	43.6		9.52		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: HA-1 @ 1'
Date Collected: 08/13/21 08:35
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,1-Dichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,1-Dichloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,1-Dichloropropene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,2-Dibromoethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,2-Dichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,2-Dichloropropane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,3-Dichloropropane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
2-Butanone	ND	*+	20		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
2-Chlorotoluene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
2-Hexanone	ND		20		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
4-Chlorotoluene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
4-Methyl-2-pentanone	ND	*+	20		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Acetone	ND		20		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Benzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Bromobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Bromochloromethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Bromodichloromethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Bromoform	ND		5.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Bromomethane	ND		20		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Carbon disulfide	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Carbon tetrachloride	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Chlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Chloroethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Chloroform	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Chloromethane	ND		20		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Dibromochloromethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Dibromomethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Dichlorodifluoromethane	ND	F2	2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Ethylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Isopropylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Methylene Chloride	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HA-1 @ 1'
Date Collected: 08/13/21 08:35
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
n-Butylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
N-Propylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
o-Xylene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
m,p-Xylene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
p-Isopropyltoluene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
sec-Butylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Styrene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
tert-Butylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Tetrachloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Toluene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Trichloroethene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Trichlorofluoromethane	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Vinyl acetate	ND	F2 F1	9.9		ug/Kg		08/25/21 12:20	08/25/21 13:27	1
Vinyl chloride	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 13:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*64 - 141*	*08/25/21 12:20*	*08/25/21 13:27*	*1*
4-Bromofluorobenzene (Surr)	*96*		*76 - 120*	*08/25/21 12:20*	*08/25/21 13:27*	*1*
Dibromofluoromethane (Surr)	*109*		*47 - 142*	*08/25/21 12:20*	*08/25/21 13:27*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*08/25/21 12:20*	*08/25/21 13:27*	*1*

Client Sample ID: HA-2 @ 2'
Date Collected: 08/13/21 09:15
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,1-Dichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,1-Dichloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,1-Dichloropropene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,2-Dibromoethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,2-Dichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,2-Dichloropropane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,3-Dichloropropane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HA-2 @ 2'
Date Collected: 08/13/21 09:15
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND	*+	20		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
2-Chlorotoluene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
2-Hexanone	ND		20		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
4-Chlorotoluene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
4-Methyl-2-pentanone	ND	*+	20		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Acetone	ND		20		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Benzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Bromobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Bromochloromethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Bromodichloromethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Bromoform	ND		5.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Bromomethane	ND		20		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Carbon disulfide	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Carbon tetrachloride	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Chlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Chloroethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Chloroform	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Chloromethane	ND		20		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Dibromochloromethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Dibromomethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Ethylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Isopropylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Methylene Chloride	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Naphthalene	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
n-Butylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
N-Propylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
o-Xylene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
m,p-Xylene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
p-Isopropyltoluene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
sec-Butylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Styrene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
tert-Butylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Tetrachloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Toluene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Trichloroethene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Trichlorofluoromethane	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Vinyl acetate	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 15:42	1
Vinyl chloride	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*64 - 141*	*08/25/21 12:20*	*08/25/21 15:42*	*1*
4-Bromofluorobenzene (Surr)	*94*		*76 - 120*	*08/25/21 12:20*	*08/25/21 15:42*	*1*
Dibromofluoromethane (Surr)	*107*		*47 - 142*	*08/25/21 12:20*	*08/25/21 15:42*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*08/25/21 12:20*	*08/25/21 15:42*	*1*

Client: GeoSoils, Inc
Project/Site: Mount Vista-Romoland

Job ID: 570-67245-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: HA-3 @ 3'
Date Collected: 08/13/21 09:48
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,1,1-Trichloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,1,2-Trichloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,1-Dichloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,1-Dichloroethene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,1-Dichloropropene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,2-Dibromoethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,2-Dichlorobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,2-Dichloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,2-Dichloropropane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,3-Dichlorobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,3-Dichloropropane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
1,4-Dichlorobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
2-Butanone	ND	*+	19		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
2-Chlorotoluene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
2-Hexanone	ND		19		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
4-Chlorotoluene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
4-Methyl-2-pentanone	ND	*+	19		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Acetone	ND		19		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Benzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Bromobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Bromochloromethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Bromodichloromethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Bromoform	ND		4.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Bromomethane	ND		19		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
cis-1,2-Dichloroethene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
cis-1,3-Dichloropropene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Carbon disulfide	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Carbon tetrachloride	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Chlorobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Chloroethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Chloroform	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Chloromethane	ND		19		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Dibromochloromethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Dibromomethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Ethylbenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Isopropylbenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Methylene Chloride	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HA-3 @ 3'
Date Collected: 08/13/21 09:48
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
n-Butylbenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
N-Propylbenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
o-Xylene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
m,p-Xylene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
p-Isopropyltoluene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
sec-Butylbenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Styrene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
trans-1,2-Dichloroethene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
tert-Butylbenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Tetrachloroethene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Toluene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Trichloroethene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Trichlorofluoromethane	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Vinyl acetate	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 16:05	1
Vinyl chloride	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*64 - 141*	*08/25/21 12:20*	*08/25/21 16:05*	*1*
4-Bromofluorobenzene (Surr)	*94*		*76 - 120*	*08/25/21 12:20*	*08/25/21 16:05*	*1*
Dibromofluoromethane (Surr)	*107*		*47 - 142*	*08/25/21 12:20*	*08/25/21 16:05*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*	*08/25/21 12:20*	*08/25/21 16:05*	*1*

Client Sample ID: HA-4 @ 1'
Date Collected: 08/13/21 10:26
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,1,1-Trichloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,1,2-Trichloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,1-Dichloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,1-Dichloroethene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,1-Dichloropropene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,2-Dibromoethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,2-Dichlorobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,2-Dichloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,2-Dichloropropane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,3-Dichlorobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,3-Dichloropropane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
1,4-Dichlorobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
2,2-Dichloropropane	ND		4.8		ug/Kg		08/25/21 12:20	08/25/21 16:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HA-4 @ 1'
Date Collected: 08/13/21 10:26
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND	*+	19		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
2-Chlorotoluene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
2-Hexanone	ND		19		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
4-Chlorotoluene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
4-Methyl-2-pentanone	ND	*+	19		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Acetone	ND		19		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Benzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Bromobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Bromochloromethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Bromodichloromethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Bromoform	ND		4.8		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Bromomethane	ND		19		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
cis-1,2-Dichloroethene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
cis-1,3-Dichloropropene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Carbon disulfide	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Carbon tetrachloride	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Chlorobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Chloroethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Chloroform	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Chloromethane	ND		19		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Dibromochloromethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Dibromomethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Ethylbenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Isopropylbenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Methylene Chloride	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Naphthalene	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
n-Butylbenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
N-Propylbenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
o-Xylene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
m,p-Xylene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
p-Isopropyltoluene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
sec-Butylbenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Styrene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
trans-1,2-Dichloroethene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
tert-Butylbenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Tetrachloroethene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Toluene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Trichloroethene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Trichlorofluoromethane	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Vinyl acetate	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 16:27	1
Vinyl chloride	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*64 - 141*	*08/25/21 12:20*	*08/25/21 16:27*	*1*
4-Bromofluorobenzene (Surr)	*94*		*76 - 120*	*08/25/21 12:20*	*08/25/21 16:27*	*1*
Dibromofluoromethane (Surr)	*111*		*47 - 142*	*08/25/21 12:20*	*08/25/21 16:27*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*	*08/25/21 12:20*	*08/25/21 16:27*	*1*

Client: GeoSoils, Inc
Project/Site: Mount Vista-Romoland

Job ID: 570-67245-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: HA-5 @ 2'
Date Collected: 08/13/21 10:47
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,1-Dichloroethane	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,1-Dichloroethene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,1-Dichloropropene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,2-Dibromoethane	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,2-Dichloroethane	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,2-Dichloropropane	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,3-Dichloropropane	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
2-Butanone	ND	*+	20		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
2-Chlorotoluene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
2-Hexanone	ND		20		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
4-Chlorotoluene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
4-Methyl-2-pentanone	ND	*+	20		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Acetone	**20**		20		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Benzene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Bromobenzene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Bromochloromethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Bromodichloromethane	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Bromoform	ND		4.9		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Bromomethane	ND		20		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Carbon disulfide	ND		9.8		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Carbon tetrachloride	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Chlorobenzene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Chloroethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Chloroform	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Chloromethane	ND		20		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Dibromochloromethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Dibromomethane	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Ethylbenzene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Isopropylbenzene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Methylene Chloride	ND		9.8		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HA-5 @ 2'
Date Collected: 08/13/21 10:47
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.8		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
n-Butylbenzene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
N-Propylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
o-Xylene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
m,p-Xylene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
p-Isopropyltoluene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
sec-Butylbenzene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Styrene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
trans-1,2-Dichloroethene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
tert-Butylbenzene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Tetrachloroethene	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Toluene	**1.0**		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Trichloroethene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Trichlorofluoromethane	ND		9.8		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Vinyl acetate	ND		9.8		ug/Kg		08/25/21 12:20	08/25/21 16:49	1
Vinyl chloride	ND		0.98		ug/Kg		08/25/21 12:20	08/25/21 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*64 - 141*	*08/25/21 12:20*	*08/25/21 16:49*	*1*
4-Bromofluorobenzene (Surr)	*92*		*76 - 120*	*08/25/21 12:20*	*08/25/21 16:49*	*1*
Dibromofluoromethane (Surr)	*110*		*47 - 142*	*08/25/21 12:20*	*08/25/21 16:49*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*08/25/21 12:20*	*08/25/21 16:49*	*1*

Client Sample ID: HA-6 @ 3'
Date Collected: 08/13/21 11:25
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-6
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,1-Dichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,1-Dichloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,1-Dichloropropene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,2-Dibromoethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,2-Dichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,2-Dichloropropane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,3-Dichloropropane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/25/21 12:20	08/25/21 17:12	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HA-6 @ 3'
Date Collected: 08/13/21 11:25
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-6
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND	*+	20		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
2-Chlorotoluene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
2-Hexanone	ND		20		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
4-Chlorotoluene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
4-Methyl-2-pentanone	ND	*+	20		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Acetone	ND		20		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Benzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Bromobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Bromochloromethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Bromodichloromethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Bromoform	ND		4.9		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Bromomethane	ND		20		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Carbon disulfide	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Carbon tetrachloride	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Chlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Chloroethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Chloroform	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Chloromethane	ND		20		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Dibromochloromethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Dibromomethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Ethylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Isopropylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Methylene Chloride	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Naphthalene	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
n-Butylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
N-Propylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
o-Xylene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
m,p-Xylene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
p-Isopropyltoluene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
sec-Butylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Styrene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
tert-Butylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Tetrachloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Toluene	**1.1**		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Trichloroethene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Trichlorofluoromethane	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Vinyl acetate	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 17:12	1
Vinyl chloride	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*64 - 141*	*08/25/21 12:20*	*08/25/21 17:12*	*1*
4-Bromofluorobenzene (Surr)	*94*		*76 - 120*	*08/25/21 12:20*	*08/25/21 17:12*	*1*
Dibromofluoromethane (Surr)	*107*		*47 - 142*	*08/25/21 12:20*	*08/25/21 17:12*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*08/25/21 12:20*	*08/25/21 17:12*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: HA-7 @ 1'
Date Collected: 08/13/21 12:07
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,1-Dichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,1-Dichloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,1-Dichloropropene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,2-Dibromoethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,2-Dichloroethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,2-Dichloropropane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,3-Dichloropropane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
2-Butanone	ND	*+	20		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
2-Chlorotoluene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
2-Hexanone	ND		20		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
4-Chlorotoluene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
4-Methyl-2-pentanone	ND	*+	20		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Acetone	**30**		20		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Benzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Bromobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Bromochloromethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Bromodichloromethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Bromoform	ND		5.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Bromomethane	ND		20		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Carbon disulfide	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Carbon tetrachloride	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Chlorobenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Chloroethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Chloroform	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Chloromethane	ND		20		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Dibromochloromethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Dibromomethane	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Ethylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Isopropylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Methylene Chloride	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HA-7 @ 1'
Date Collected: 08/13/21 12:07
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
n-Butylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
N-Propylbenzene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
o-Xylene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
m,p-Xylene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
p-Isopropyltoluene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
sec-Butylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Styrene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
tert-Butylbenzene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Tetrachloroethene	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Toluene	**1.3**		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Trichloroethene	ND		2.0		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Trichlorofluoromethane	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Vinyl acetate	ND		9.9		ug/Kg		08/25/21 12:20	08/25/21 17:35	1
Vinyl chloride	ND		0.99		ug/Kg		08/25/21 12:20	08/25/21 17:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*64 - 141*	*08/25/21 12:20*	*08/25/21 17:35*	*1*
4-Bromofluorobenzene (Surr)	*94*		*76 - 120*	*08/25/21 12:20*	*08/25/21 17:35*	*1*
Dibromofluoromethane (Surr)	*108*		*47 - 142*	*08/25/21 12:20*	*08/25/21 17:35*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*08/25/21 12:20*	*08/25/21 17:35*	*1*

Client Sample ID: HA-8 @ 2'
Date Collected: 08/13/21 12:40
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,1,1-Trichloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,1,2,2-Tetrachloroethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,1,2-Trichloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,1-Dichloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,1-Dichloroethene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,1-Dichloropropene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,2-Dibromoethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,2-Dichlorobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,2-Dichloroethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,2-Dichloropropane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,3-Dichlorobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,3-Dichloropropane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
1,4-Dichlorobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
2,2-Dichloropropane	ND		4.8		ug/Kg		08/25/21 12:20	08/25/21 17:57	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: HA-8 @ 2'
Date Collected: 08/13/21 12:40
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Butanone	ND	*+	19		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
2-Chlorotoluene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
2-Hexanone	ND		19		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
4-Chlorotoluene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
4-Methyl-2-pentanone	ND	*+	19		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Acetone	**210**	**E**	19		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Benzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Bromobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Bromochloromethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Bromodichloromethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Bromoform	ND		4.8		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Bromomethane	ND		19		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
cis-1,2-Dichloroethene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
cis-1,3-Dichloropropene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Carbon disulfide	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Carbon tetrachloride	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Chlorobenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Chloroethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Chloroform	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Chloromethane	ND		19		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Dibromochloromethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Dibromomethane	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Ethylbenzene	**1.0**		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Isopropylbenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Methylene Chloride	**15**		9.7		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Naphthalene	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
n-Butylbenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
N-Propylbenzene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
o-Xylene	**1.1**		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
m,p-Xylene	**4.0**		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
p-Isopropyltoluene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
sec-Butylbenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Styrene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
trans-1,2-Dichloroethene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
tert-Butylbenzene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Tetrachloroethene	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Toluene	**6.9**		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Trichloroethene	ND		1.9		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Trichlorofluoromethane	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Vinyl acetate	ND		9.7		ug/Kg		08/25/21 12:20	08/25/21 17:57	1
Vinyl chloride	ND		0.97		ug/Kg		08/25/21 12:20	08/25/21 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*64 - 141*	*08/25/21 12:20*	*08/25/21 17:57*	*1*
4-Bromofluorobenzene (Surr)	*94*		*76 - 120*	*08/25/21 12:20*	*08/25/21 17:57*	*1*
Dibromofluoromethane (Surr)	*109*		*47 - 142*	*08/25/21 12:20*	*08/25/21 17:57*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*08/25/21 12:20*	*08/25/21 17:57*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: HA-1 @ 1'
Date Collected: 08/13/21 08:35
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C7 as C7	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C8 as C8	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C9-C10	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C11-C12	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C13-C14	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C15-C16	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C17-C18	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C19-C20	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C21-C22	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C23-C24	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C25-C28	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C29-C32	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C33-C36	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C37-C40	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C41-C44	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
C6-C44	**10**		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1
Diesel Range Organics [C10-C28]	**9.9**		4.9		mg/Kg		08/26/21 11:28	08/27/21 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*111*		*60 - 138*	*08/26/21 11:28*	*08/27/21 22:55*	*1*

Client Sample ID: HA-2 @ 2'
Date Collected: 08/13/21 09:15
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C7 as C7	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C8 as C8	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C9-C10	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C11-C12	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C13-C14	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C15-C16	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C17-C18	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C19-C20	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C21-C22	**5.2**		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C23-C24	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C25-C28	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C29-C32	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C33-C36	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C37-C40	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C41-C44	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
C6-C44	**19**		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1
Diesel Range Organics [C10-C28]	**15**		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*100*		*60 - 138*	*08/26/21 11:28*	*08/27/21 23:18*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: HA-3 @ 3'
Date Collected: 08/13/21 09:48
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C7 as C7	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C8 as C8	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C9-C10	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C11-C12	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C13-C14	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C15-C16	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C17-C18	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C19-C20	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C21-C22	**6.1**		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C23-C24	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C25-C28	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C29-C32	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C33-C36	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C37-C40	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C41-C44	ND		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
C6-C44	**18**		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1
Diesel Range Organics [C10-C28]	**17**		4.9		mg/Kg		08/26/21 11:28	08/27/21 23:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*109*		*60 - 138*	*08/26/21 11:28*	*08/27/21 23:40*	*1*

Client Sample ID: HA-4 @ 1'
Date Collected: 08/13/21 10:26
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C7 as C7	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C8 as C8	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C9-C10	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C11-C12	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C13-C14	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C15-C16	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C17-C18	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C19-C20	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C21-C22	**4.9**		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C23-C24	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C25-C28	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C29-C32	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C33-C36	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C37-C40	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C41-C44	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
C6-C44	**16**		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1
Diesel Range Organics [C10-C28]	**15**		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*112*		*60 - 138*	*08/26/21 11:28*	*08/28/21 00:02*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: HA-5 @ 2'
Date Collected: 08/13/21 10:47
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C7 as C7	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C8 as C8	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C9-C10	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C11-C12	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C13-C14	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C15-C16	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C17-C18	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C19-C20	**5.1**		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C21-C22	**7.0**		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C23-C24	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C25-C28	**8.2**		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C29-C32	**9.9**		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C33-C36	**11**		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C37-C40	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C41-C44	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
C6-C44	**42**		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1
Diesel Range Organics [C10-C28]	**23**		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*108*		*60 - 138*	*08/26/21 11:28*	*08/28/21 00:24*	*1*

Client Sample ID: HA-6 @ 3'
Date Collected: 08/13/21 11:25
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-6
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C7 as C7	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C8 as C8	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C9-C10	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C11-C12	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C13-C14	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C15-C16	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C17-C18	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C19-C20	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C21-C22	**5.9**		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C23-C24	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C25-C28	**5.3**		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C29-C32	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C33-C36	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C37-C40	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C41-C44	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
C6-C44	**22**		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1
Diesel Range Organics [C10-C28]	**17**		4.9		mg/Kg		08/26/21 11:28	08/28/21 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*111*		*60 - 138*	*08/26/21 11:28*	*08/28/21 00:47*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: HA-7 @ 1'
Date Collected: 08/13/21 12:07
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C7 as C7	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C8 as C8	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C9-C10	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C11-C12	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C13-C14	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C15-C16	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C17-C18	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C19-C20	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C21-C22	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C23-C24	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C25-C28	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C29-C32	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C33-C36	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C37-C40	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C41-C44	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
C6-C44	**14**		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1
Diesel Range Organics [C10-C28]	**12**		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*106*		*60 - 138*	*08/26/21 11:28*	*08/28/21 01:09*	*1*

Client Sample ID: HA-8 @ 2'
Date Collected: 08/13/21 12:40
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C7 as C7	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C8 as C8	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C9-C10	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C11-C12	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C13-C14	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C15-C16	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C17-C18	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C19-C20	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C21-C22	**5.6**		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C23-C24	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C25-C28	**9.6**		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C29-C32	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C33-C36	**6.7**		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C37-C40	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C41-C44	ND		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
C6-C44	**38**		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1
Diesel Range Organics [C10-C28]	**22**		4.9		mg/Kg		08/26/21 11:28	08/28/21 01:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*104*		*60 - 138*	*08/26/21 11:28*	*08/28/21 01:31*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: HA-1 @ 1'
Date Collected: 08/13/21 08:35
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
4,4'-DDE	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
4,4'-DDT	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
Aldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
alpha-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
alpha-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
beta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
Chlordane	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
delta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
Dieldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
Endosulfan I	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
Endosulfan II	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
Endosulfan sulfate	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
Endrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
Endrin aldehyde	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
Endrin ketone	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
gamma-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
gamma-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
Heptachlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
Heptachlor epoxide	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
Methoxychlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 07:58	1
Toxaphene	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 07:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*76*		*38 - 148*	*08/18/21 12:35*	*08/20/21 07:58*	*1*
DCB Decachlorobiphenyl (Surr)	*77*		*37 - 151*	*08/18/21 12:35*	*08/20/21 07:58*	*1*

Client Sample ID: HA-2 @ 2'
Date Collected: 08/13/21 09:15
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
4,4'-DDE	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
4,4'-DDT	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
Aldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
alpha-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
alpha-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
beta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
Chlordane	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
delta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
Dieldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
Endosulfan I	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
Endosulfan II	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
Endosulfan sulfate	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
Endrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
Endrin aldehyde	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
Endrin ketone	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
gamma-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
gamma-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
Heptachlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: HA-2 @ 2'
Date Collected: 08/13/21 09:15
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
Methoxychlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:13	1
Toxaphene	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 08:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*83*		*38 - 148*	*08/18/21 12:35*	*08/20/21 08:13*	*1*
DCB Decachlorobiphenyl (Surr)	*87*		*37 - 151*	*08/18/21 12:35*	*08/20/21 08:13*	*1*

Client Sample ID: HA-3 @ 3'
Date Collected: 08/13/21 09:48
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.014**		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
4,4'-DDE	**0.0098**		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
4,4'-DDT	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
Aldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
alpha-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
alpha-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
beta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
Chlordane	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
delta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
Dieldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
Endosulfan I	**0.0081**	**p**	0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
Endosulfan II	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
Endosulfan sulfate	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
Endrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
Endrin aldehyde	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
Endrin ketone	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
gamma-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
gamma-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
Heptachlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
Heptachlor epoxide	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
Methoxychlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:47	1
Toxaphene	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*79*		*38 - 148*	*08/18/21 12:35*	*08/20/21 11:47*	*1*
DCB Decachlorobiphenyl (Surr)	*143*		*37 - 151*	*08/18/21 12:35*	*08/20/21 11:47*	*1*

Client Sample ID: HA-4 @ 1'
Date Collected: 08/13/21 10:26
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
4,4'-DDE	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
4,4'-DDT	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
Aldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
alpha-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
alpha-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
beta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: HA-4 @ 1'
Date Collected: 08/13/21 10:26
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chlordane	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
delta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
Dieldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
Endosulfan I	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
Endosulfan II	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
Endosulfan sulfate	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
Endrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
Endrin aldehyde	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
Endrin ketone	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
gamma-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
gamma-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
Heptachlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
Heptachlor epoxide	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
Methoxychlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:27	1
Toxaphene	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 08:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*80*		*38 - 148*	*08/18/21 12:35*	*08/20/21 08:27*	*1*
DCB Decachlorobiphenyl (Surr)	*83*		*37 - 151*	*08/18/21 12:35*	*08/20/21 08:27*	*1*

Client Sample ID: HA-5 @ 2'
Date Collected: 08/13/21 10:47
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
4,4'-DDE	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
4,4'-DDT	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
Aldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
alpha-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
alpha-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
beta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
Chlordane	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
delta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
Dieldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
Endosulfan I	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
Endosulfan II	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
Endosulfan sulfate	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
Endrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
Endrin aldehyde	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
Endrin ketone	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
gamma-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
gamma-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
Heptachlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
Heptachlor epoxide	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
Methoxychlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:41	1
Toxaphene	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 08:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*82*		*38 - 148*	*08/18/21 12:35*	*08/20/21 08:41*	*1*
DCB Decachlorobiphenyl (Surr)	*84*		*37 - 151*	*08/18/21 12:35*	*08/20/21 08:41*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: HA-6 @ 3'
Date Collected: 08/13/21 11:25
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-6
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
4,4'-DDE	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
4,4'-DDT	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
Aldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
alpha-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
alpha-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
beta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
Chlordane	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
delta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
Dieldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
Endosulfan I	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
Endosulfan II	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
Endosulfan sulfate	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
Endrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
Endrin aldehyde	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
Endrin ketone	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
gamma-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
gamma-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
Heptachlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
Heptachlor epoxide	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
Methoxychlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 08:55	1
Toxaphene	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 08:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*81*		*38 - 148*	*08/18/21 12:35*	*08/20/21 08:55*	*1*
DCB Decachlorobiphenyl (Surr)	*81*		*37 - 151*	*08/18/21 12:35*	*08/20/21 08:55*	*1*

Client Sample ID: HA-7 @ 1'
Date Collected: 08/13/21 12:07
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
4,4'-DDE	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
4,4'-DDT	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
Aldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
alpha-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
alpha-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
beta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
Chlordane	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
delta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
Dieldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
Endosulfan I	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
Endosulfan II	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
Endosulfan sulfate	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
Endrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
Endrin aldehyde	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
Endrin ketone	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
gamma-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
gamma-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
Heptachlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: HA-7 @ 1'
Date Collected: 08/13/21 12:07
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
Methoxychlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 11:32	1
Toxaphene	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*77*		*38 - 148*	*08/18/21 12:35*	*08/20/21 11:32*	*1*
DCB Decachlorobiphenyl (Surr)	*85*		*37 - 151*	*08/18/21 12:35*	*08/20/21 11:32*	*1*

Client Sample ID: HA-8 @ 2'
Date Collected: 08/13/21 12:40
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
4,4'-DDE	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
4,4'-DDT	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
Aldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
alpha-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
alpha-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
beta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
Chlordane	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
delta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
Dieldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
Endosulfan I	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
Endosulfan II	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
Endosulfan sulfate	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
Endrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
Endrin aldehyde	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
Endrin ketone	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
gamma-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
gamma-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
Heptachlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
Heptachlor epoxide	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
Methoxychlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 09:10	1
Toxaphene	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 09:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*86*		*38 - 148*	*08/18/21 12:35*	*08/20/21 09:10*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*37 - 151*	*08/18/21 12:35*	*08/20/21 09:10*	*1*

Method: 8141A - Organophosphorous Pesticides (GC)

Client Sample ID: HA-1 @ 1'
Date Collected: 08/13/21 08:35
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Bolstar	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Chlorpyrifos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Coumaphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Demeton-o/s	ND		0.99		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Diazinon	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Dichlorvos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Disulfoton	ND	*1	0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Ethoprop	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Fensulfothion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Fenthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Merphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Methyl parathion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Mevinphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Naled	ND	*+	4.0		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Phorate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Ronnel	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Stirophos	ND		2.0		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Tokuthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1
Trichloronate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 00:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tributylphosphate	*82*		*20 - 158*	*08/18/21 12:38*	*08/20/21 00:17*	*1*

Client Sample ID: HA-2 @ 2'
Date Collected: 08/13/21 09:15
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Bolstar	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Chlorpyrifos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Coumaphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Demeton-o/s	ND		0.98		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Diazinon	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Dichlorvos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Disulfoton	ND	*1	0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Ethoprop	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Fensulfothion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Fenthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Merphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Methyl parathion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Mevinphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Naled	ND	*+	3.9		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Phorate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Ronnel	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Stirophos	ND		2.0		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Tokuthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1
Trichloronate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:04	1

Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	*89*		*20 - 158*	*08/18/21 12:38*	*08/20/21 01:04*	*1*

Client Sample ID: HA-3 @ 3'
Date Collected: 08/13/21 09:48
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Bolstar	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Chlorpyrifos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Coumaphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Demeton-o/s	ND		0.99		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Diazinon	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Dichlorvos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Disulfoton	ND	*1	0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Ethoprop	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Fensulfothion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Fenthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Merphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Methyl parathion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Mevinphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Naled	ND	*+	4.0		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Phorate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Ronnel	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Stirophos	ND		2.0		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Tokuthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1
Trichloronate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 01:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tributylphosphate	*74*		*20 - 158*	*08/18/21 12:38*	*08/20/21 01:52*	*1*

Client Sample ID: HA-4 @ 1'
Date Collected: 08/13/21 10:26
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Bolstar	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Chlorpyrifos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Coumaphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Demeton-o/s	ND		0.99		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Diazinon	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Dichlorvos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Disulfoton	ND	*1	0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Ethoprop	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Fensulfothion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Fenthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Merphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Methyl parathion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Mevinphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Naled	ND	*+	3.9		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Phorate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Ronnel	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Stirophos	ND		2.0		mg/Kg		08/18/21 12:38	08/20/21 02:39	1
Tokuthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1

Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Client Sample ID: HA-4 @ 1'
Date Collected: 08/13/21 10:26
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Trichloronate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 02:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tributylphosphate	*69*		*20 - 158*	*08/18/21 12:38*	*08/20/21 02:39*	*1*

Client Sample ID: HA-5 @ 2'
Date Collected: 08/13/21 10:47
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Bolstar	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Chlorpyrifos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Coumaphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Demeton-o/s	ND		0.98		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Diazinon	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Dichlorvos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Disulfoton	ND	*1	0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Ethoprop	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Fensulfothion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Fenthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Merphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Methyl parathion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Mevinphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Naled	ND	*+	3.9		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Phorate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Ronnel	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Stirophos	ND		2.0		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Tokuthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1
Trichloronate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tributylphosphate	*50*		*20 - 158*	*08/18/21 12:38*	*08/20/21 03:27*	*1*

Client Sample ID: HA-6 @ 3'
Date Collected: 08/13/21 11:25
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-6
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Bolstar	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Chlorpyrifos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Coumaphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Demeton-o/s	ND		0.99		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Diazinon	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Dichlorvos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Disulfoton	ND	*1	0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Ethoprop	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Fensulfothion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Fenthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Merphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Methyl parathion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1

Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Client Sample ID: HA-6 @ 3'
Date Collected: 08/13/21 11:25
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-6
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mevinphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Naled	ND	*+	3.9		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Phorate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Ronnel	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Stirophos	ND		2.0		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Tokuthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1
Trichloronate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 04:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tributylphosphate	*64*		*20 - 158*	*08/18/21 12:38*	*08/20/21 04:15*	*1*

Client Sample ID: HA-7 @ 1'
Date Collected: 08/13/21 12:07
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Bolstar	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Chlorpyrifos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Coumaphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Demeton-o/s	ND		0.98		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Diazinon	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Dichlorvos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Disulfoton	ND	*1	0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Ethoprop	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Fensulfothion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Fenthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Merphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Methyl parathion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Mevinphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Naled	ND	*+	3.9		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Phorate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Ronnel	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Stirophos	ND		2.0		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Tokuthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1
Trichloronate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tributylphosphate	*48*		*20 - 158*	*08/18/21 12:38*	*08/20/21 05:03*	*1*

Client Sample ID: HA-8 @ 2'
Date Collected: 08/13/21 12:40
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Bolstar	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Chlorpyrifos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Coumaphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Demeton-o/s	ND		0.99		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Diazinon	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Dichlorvos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1

Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Client Sample ID: HA-8 @ 2'
Date Collected: 08/13/21 12:40
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Disulfoton	ND	*1	0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Ethoprop	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Fensulfothion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Fenthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Merphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Methyl parathion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Mevinphos	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Naled	ND	*+	4.0		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Phorate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Ronnel	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Stirophos	ND		2.0		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Tokuthion	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1
Trichloronate	ND		0.49		mg/Kg		08/18/21 12:38	08/20/21 05:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tributylphosphate	*59*		*20 - 158*	*08/18/21 12:38*	*08/20/21 05:51*	*1*

Method: 8151A - Herbicides (GC)

Client Sample ID: HA-1 @ 1'
Date Collected: 08/13/21 08:35
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10		ug/Kg		08/25/21 20:53	08/28/21 03:19	1
2,4,5-TP (Silvex)	ND		10		ug/Kg		08/25/21 20:53	08/28/21 03:19	1
2,4-D	ND		100		ug/Kg		08/25/21 20:53	08/28/21 03:19	1
2,4-DB	ND		100		ug/Kg		08/25/21 20:53	08/28/21 03:19	1
Dalapon	ND		250		ug/Kg		08/25/21 20:53	08/28/21 03:19	1
Dicamba	ND		10		ug/Kg		08/25/21 20:53	08/28/21 03:19	1
Dichlorprop	ND		100		ug/Kg		08/25/21 20:53	08/28/21 03:19	1
Dinoseb	ND		100		ug/Kg		08/25/21 20:53	08/28/21 03:19	1
MCPA	ND		20000		ug/Kg		08/25/21 20:53	08/28/21 03:19	1
MCPP	ND		10000		ug/Kg		08/25/21 20:53	08/28/21 03:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*91*		*20 - 163*	*08/25/21 20:53*	*08/28/21 03:19*	*1*

Client Sample ID: HA-2 @ 2'
Date Collected: 08/13/21 09:15
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10		ug/Kg		08/25/21 20:53	08/28/21 03:42	1
2,4,5-TP (Silvex)	ND		10		ug/Kg		08/25/21 20:53	08/28/21 03:42	1
2,4-D	ND		100		ug/Kg		08/25/21 20:53	08/28/21 03:42	1
2,4-DB	ND		100		ug/Kg		08/25/21 20:53	08/28/21 03:42	1
Dalapon	ND		260		ug/Kg		08/25/21 20:53	08/28/21 03:42	1
Dicamba	ND		10		ug/Kg		08/25/21 20:53	08/28/21 03:42	1
Dichlorprop	ND		100		ug/Kg		08/25/21 20:53	08/28/21 03:42	1
Dinoseb	ND		100		ug/Kg		08/25/21 20:53	08/28/21 03:42	1
MCPA	ND		20000		ug/Kg		08/25/21 20:53	08/28/21 03:42	1
MCPP	ND		10000		ug/Kg		08/25/21 20:53	08/28/21 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*84*		*20 - 163*	*08/25/21 20:53*	*08/28/21 03:42*	*1*

Client Sample ID: HA-3 @ 3'
Date Collected: 08/13/21 09:48
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10		ug/Kg		08/25/21 20:53	08/28/21 04:05	1
2,4,5-TP (Silvex)	ND		10		ug/Kg		08/25/21 20:53	08/28/21 04:05	1
2,4-D	ND		100		ug/Kg		08/25/21 20:53	08/28/21 04:05	1
2,4-DB	ND		100		ug/Kg		08/25/21 20:53	08/28/21 04:05	1
Dalapon	ND		260		ug/Kg		08/25/21 20:53	08/28/21 04:05	1
Dicamba	ND		10		ug/Kg		08/25/21 20:53	08/28/21 04:05	1
Dichlorprop	ND		100		ug/Kg		08/25/21 20:53	08/28/21 04:05	1
Dinoseb	ND		100		ug/Kg		08/25/21 20:53	08/28/21 04:05	1
MCPA	ND		21000		ug/Kg		08/25/21 20:53	08/28/21 04:05	1
MCPP	ND		10000		ug/Kg		08/25/21 20:53	08/28/21 04:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*80*		*20 - 163*	*08/25/21 20:53*	*08/28/21 04:05*	*1*

Method: 8151A - Herbicides (GC)

Client Sample ID: HA-4 @ 1'
Date Collected: 08/13/21 10:26
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10		ug/Kg		08/25/21 20:53	08/28/21 04:28	1
2,4,5-TP (Silvex)	ND		10		ug/Kg		08/25/21 20:53	08/28/21 04:28	1
2,4-D	ND		100		ug/Kg		08/25/21 20:53	08/28/21 04:28	1
2,4-DB	ND		100		ug/Kg		08/25/21 20:53	08/28/21 04:28	1
Dalapon	ND		260		ug/Kg		08/25/21 20:53	08/28/21 04:28	1
Dicamba	ND		10		ug/Kg		08/25/21 20:53	08/28/21 04:28	1
Dichlorprop	ND		100		ug/Kg		08/25/21 20:53	08/28/21 04:28	1
Dinoseb	ND		100		ug/Kg		08/25/21 20:53	08/28/21 04:28	1
MCPA	ND		21000		ug/Kg		08/25/21 20:53	08/28/21 04:28	1
MCPP	ND		10000		ug/Kg		08/25/21 20:53	08/28/21 04:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*99*		*20 - 163*	*08/25/21 20:53*	*08/28/21 04:28*	*1*

Client Sample ID: HA-5 @ 2'
Date Collected: 08/13/21 10:47
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10		ug/Kg		08/25/21 20:53	08/28/21 04:51	1
2,4,5-TP (Silvex)	ND		10		ug/Kg		08/25/21 20:53	08/28/21 04:51	1
2,4-D	ND		100		ug/Kg		08/25/21 20:53	08/28/21 04:51	1
2,4-DB	ND		100		ug/Kg		08/25/21 20:53	08/28/21 04:51	1
Dalapon	ND		260		ug/Kg		08/25/21 20:53	08/28/21 04:51	1
Dicamba	ND		10		ug/Kg		08/25/21 20:53	08/28/21 04:51	1
Dichlorprop	ND		100		ug/Kg		08/25/21 20:53	08/28/21 04:51	1
Dinoseb	ND		100		ug/Kg		08/25/21 20:53	08/28/21 04:51	1
MCPA	ND		21000		ug/Kg		08/25/21 20:53	08/28/21 04:51	1
MCPP	ND		10000		ug/Kg		08/25/21 20:53	08/28/21 04:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*100*		*20 - 163*	*08/25/21 20:53*	*08/28/21 04:51*	*1*

Client Sample ID: HA-6 @ 3'
Date Collected: 08/13/21 11:25
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-6
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10		ug/Kg		08/25/21 20:53	08/28/21 05:14	1
2,4,5-TP (Silvex)	ND		10		ug/Kg		08/25/21 20:53	08/28/21 05:14	1
2,4-D	ND		100		ug/Kg		08/25/21 20:53	08/28/21 05:14	1
2,4-DB	ND		100		ug/Kg		08/25/21 20:53	08/28/21 05:14	1
Dalapon	ND		260		ug/Kg		08/25/21 20:53	08/28/21 05:14	1
Dicamba	ND		10		ug/Kg		08/25/21 20:53	08/28/21 05:14	1
Dichlorprop	ND		100		ug/Kg		08/25/21 20:53	08/28/21 05:14	1
Dinoseb	ND		100		ug/Kg		08/25/21 20:53	08/28/21 05:14	1
MCPA	ND		20000		ug/Kg		08/25/21 20:53	08/28/21 05:14	1
MCPP	ND		10000		ug/Kg		08/25/21 20:53	08/28/21 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*112*		*20 - 163*	*08/25/21 20:53*	*08/28/21 05:14*	*1*

Method: 8151A - Herbicides (GC)

Client Sample ID: HA-7 @ 1'
Date Collected: 08/13/21 12:07
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10		ug/Kg		08/25/21 20:53	08/28/21 05:37	1
2,4,5-TP (Silvex)	ND		10		ug/Kg		08/25/21 20:53	08/28/21 05:37	1
2,4-D	ND		100		ug/Kg		08/25/21 20:53	08/28/21 05:37	1
2,4-DB	ND		100		ug/Kg		08/25/21 20:53	08/28/21 05:37	1
Dalapon	ND		250		ug/Kg		08/25/21 20:53	08/28/21 05:37	1
Dicamba	ND		10		ug/Kg		08/25/21 20:53	08/28/21 05:37	1
Dichlorprop	ND		100		ug/Kg		08/25/21 20:53	08/28/21 05:37	1
Dinoseb	ND		100		ug/Kg		08/25/21 20:53	08/28/21 05:37	1
MCPA	ND		20000		ug/Kg		08/25/21 20:53	08/28/21 05:37	1
MCPP	ND		10000		ug/Kg		08/25/21 20:53	08/28/21 05:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*141*		*20 - 163*	*08/25/21 20:53*	*08/28/21 05:37*	*1*

Client Sample ID: HA-8 @ 2'
Date Collected: 08/13/21 12:40
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10		ug/Kg		08/25/21 20:53	08/28/21 06:00	1
2,4,5-TP (Silvex)	ND		10		ug/Kg		08/25/21 20:53	08/28/21 06:00	1
2,4-D	ND		100		ug/Kg		08/25/21 20:53	08/28/21 06:00	1
2,4-DB	ND		100		ug/Kg		08/25/21 20:53	08/28/21 06:00	1
Dalapon	ND		260		ug/Kg		08/25/21 20:53	08/28/21 06:00	1
Dicamba	ND		10		ug/Kg		08/25/21 20:53	08/28/21 06:00	1
Dichlorprop	ND		100		ug/Kg		08/25/21 20:53	08/28/21 06:00	1
Dinoseb	ND		100		ug/Kg		08/25/21 20:53	08/28/21 06:00	1
MCPA	ND		21000		ug/Kg		08/25/21 20:53	08/28/21 06:00	1
MCPP	ND		10000		ug/Kg		08/25/21 20:53	08/28/21 06:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*96*		*20 - 163*	*08/25/21 20:53*	*08/28/21 06:00*	*1*

Method: 6010B - Metals (ICP)

Client Sample ID: HA-1 @ 1'
Date Collected: 08/13/21 08:35
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		3.13		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Arsenic	ND		2.60		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Barium	**255**		0.521		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Beryllium	ND	L	0.260		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Cadmium	**1.08**		0.521		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Chromium	**19.9**		1.04		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Cobalt	**14.0**		1.04		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Copper	**16.6**		1.04		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Lead	ND		5.21		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Molybdenum	ND		0.521		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Nickel	**8.13**		0.521		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Selenium	ND	L	5.21		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Silver	ND		1.04		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Thallium	ND		5.21		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Vanadium	**57.2**		1.04		mg/Kg		08/25/21 13:52	08/26/21 09:42	1
Zinc	**51.8**		10.4		mg/Kg		08/25/21 13:52	08/26/21 09:42	1

Client Sample ID: HA-2 @ 2'
Date Collected: 08/13/21 09:15
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		3.22		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Arsenic	ND		2.68		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Barium	**216**		0.537		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Beryllium	ND		0.268		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Cadmium	**0.938**		0.537		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Chromium	**26.6**		1.07		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Cobalt	**12.1**		1.07		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Copper	**4.64**		1.07		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Lead	ND		5.37		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Molybdenum	ND		0.537		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Nickel	**12.2**		0.537		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Selenium	ND	L	5.37		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Silver	ND		1.07		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Thallium	ND		5.37		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Vanadium	**49.6**		1.07		mg/Kg		08/25/21 13:52	08/26/21 08:38	1
Zinc	**46.1**		10.7		mg/Kg		08/25/21 13:52	08/26/21 08:38	1

Client Sample ID: HA-3 @ 3'
Date Collected: 08/13/21 09:48
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		3.00		mg/Kg		08/25/21 13:52	08/26/21 08:41	1
Arsenic	ND		2.50		mg/Kg		08/25/21 13:52	08/26/21 08:41	1
Barium	**154**		0.500		mg/Kg		08/25/21 13:52	08/26/21 08:41	1
Beryllium	ND		0.250		mg/Kg		08/25/21 13:52	08/26/21 08:41	1
Cadmium	**0.702**		0.500		mg/Kg		08/25/21 13:52	08/26/21 08:41	1
Chromium	**25.1**		1.00		mg/Kg		08/25/21 13:52	08/26/21 08:41	1
Cobalt	**9.21**		1.00		mg/Kg		08/25/21 13:52	08/26/21 08:41	1
Copper	**2.78**		1.00		mg/Kg		08/25/21 13:52	08/26/21 08:41	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: HA-3 @ 3'
Date Collected: 08/13/21 09:48
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		5.00		mg/Kg		08/25/21 13:52	08/26/21 08:41	1
Molybdenum	ND		0.500		mg/Kg		08/25/21 13:52	08/26/21 08:41	1
Nickel	**11.3**		0.500		mg/Kg		08/25/21 13:52	08/26/21 08:41	1
Selenium	ND	L	5.00		mg/Kg		08/25/21 13:52	08/26/21 08:41	1
Silver	ND		1.00		mg/Kg		08/25/21 13:52	08/26/21 08:41	1
Thallium	ND		5.00		mg/Kg		08/25/21 13:52	08/26/21 08:41	1
Vanadium	**37.6**		1.00		mg/Kg		08/25/21 13:52	08/26/21 08:41	1
Zinc	**33.0**		10.0		mg/Kg		08/25/21 13:52	08/26/21 08:41	1

Client Sample ID: HA-4 @ 1'
Date Collected: 08/13/21 10:26
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.88		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Arsenic	ND		2.40		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Barium	**182**		0.481		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Beryllium	ND		0.240		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Cadmium	**0.807**		0.481		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Chromium	**11.2**		0.962		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Cobalt	**9.93**		0.962		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Copper	**3.45**		0.962		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Lead	ND		4.81		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Molybdenum	ND		0.481		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Nickel	**5.30**		0.481		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Selenium	ND	L	4.81		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Silver	ND		0.962		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Thallium	ND		4.81		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Vanadium	**42.9**		0.962		mg/Kg		08/25/21 13:52	08/26/21 08:43	1
Zinc	**37.3**		9.62		mg/Kg		08/25/21 13:52	08/26/21 08:43	1

Client Sample ID: HA-5 @ 2'
Date Collected: 08/13/21 10:47
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		3.13		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Arsenic	ND		2.61		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Barium	**157**		0.522		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Beryllium	ND		0.261		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Cadmium	**0.737**		0.522		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Chromium	**11.0**		1.04		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Cobalt	**9.30**		1.04		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Copper	**3.63**		1.04		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Lead	ND		5.22		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Molybdenum	ND		0.522		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Nickel	**5.33**		0.522		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Selenium	ND	L	5.22		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Silver	ND		1.04		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Thallium	ND		5.22		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Vanadium	**38.7**		1.04		mg/Kg		08/25/21 13:52	08/26/21 08:46	1
Zinc	**36.0**		10.4		mg/Kg		08/25/21 13:52	08/26/21 08:46	1

Method: 6010B - Metals (ICP)

Client Sample ID: HA-6 @ 3'
Date Collected: 08/13/21 11:25
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-6
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		3.10		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Arsenic	ND		2.59		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Barium	**242**		0.517		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Beryllium	ND		0.259		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Cadmium	**1.14**		0.517		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Chromium	**13.7**		1.03		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Cobalt	**13.5**		1.03		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Copper	**16.0**		1.03		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Lead	ND		5.17		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Molybdenum	ND		0.517		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Nickel	**6.64**		0.517		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Selenium	ND	L	5.17		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Silver	ND		1.03		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Thallium	ND		5.17		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Vanadium	**56.5**		1.03		mg/Kg		08/25/21 13:52	08/26/21 08:57	1
Zinc	**64.9**		10.3		mg/Kg		08/25/21 13:52	08/26/21 08:57	1

Client Sample ID: HA-7 @ 1'
Date Collected: 08/13/21 12:07
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.91		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Arsenic	ND		2.43		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Barium	**162**		0.485		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Beryllium	ND		0.243		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Cadmium	**0.720**		0.485		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Chromium	**7.75**		0.971		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Cobalt	**9.31**		0.971		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Copper	**2.17**		0.971		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Lead	ND		4.85		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Molybdenum	ND		0.485		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Nickel	**4.07**		0.485		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Selenium	ND	L	4.85		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Silver	ND		0.971		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Thallium	ND		4.85		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Vanadium	**38.6**		0.971		mg/Kg		08/25/21 13:52	08/26/21 09:00	1
Zinc	**33.9**		9.71		mg/Kg		08/25/21 13:52	08/26/21 09:00	1

Client Sample ID: HA-8 @ 2'
Date Collected: 08/13/21 12:40
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		2.86		mg/Kg		08/25/21 13:52	08/26/21 09:03	1
Arsenic	ND		2.38		mg/Kg		08/25/21 13:52	08/26/21 09:03	1
Barium	**218**		0.476		mg/Kg		08/25/21 13:52	08/26/21 09:03	1
Beryllium	ND	L	0.238		mg/Kg		08/25/21 13:52	08/26/21 09:03	1
Cadmium	**0.890**		0.476		mg/Kg		08/25/21 13:52	08/26/21 09:03	1
Chromium	**8.28**		0.952		mg/Kg		08/25/21 13:52	08/26/21 09:03	1
Cobalt	**11.1**		0.952		mg/Kg		08/25/21 13:52	08/26/21 09:03	1
Copper	**1.95**		0.952		mg/Kg		08/25/21 13:52	08/26/21 09:03	1

Client: GeoSoils, Inc
Project/Site: Mount Vista-Romoland

Job ID: 570-67245-1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: HA-8 @ 2'
Date Collected: 08/13/21 12:40
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		4.76		mg/Kg		08/25/21 13:52	08/26/21 09:03	1
Molybdenum	ND		0.476		mg/Kg		08/25/21 13:52	08/26/21 09:03	1
Nickel	**4.35**		0.476		mg/Kg		08/25/21 13:52	08/26/21 09:03	1
Selenium	ND	L	4.76		mg/Kg		08/25/21 13:52	08/26/21 09:03	1
Silver	ND		0.952		mg/Kg		08/25/21 13:52	08/26/21 09:03	1
Thallium	ND		4.76		mg/Kg		08/25/21 13:52	08/26/21 09:03	1
Vanadium	**44.6**		0.952		mg/Kg		08/25/21 13:52	08/26/21 09:03	1
Zinc	**43.6**		9.52		mg/Kg		08/25/21 13:52	08/26/21 09:03	1

Method: 7471A - Mercury (CVAA)

Client Sample ID: HA-1 @ 1'
Date Collected: 08/13/21 08:35
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794		mg/Kg		08/25/21 13:58	08/25/21 17:03	1

Client Sample ID: HA-2 @ 2'
Date Collected: 08/13/21 09:15
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-2
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0877		mg/Kg		08/25/21 13:58	08/25/21 17:05	1

Client Sample ID: HA-3 @ 3'
Date Collected: 08/13/21 09:48
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-3
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847		mg/Kg		08/25/21 13:58	08/25/21 17:07	1

Client Sample ID: HA-4 @ 1'
Date Collected: 08/13/21 10:26
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0820		mg/Kg		08/25/21 13:58	08/25/21 17:09	1

Client Sample ID: HA-5 @ 2'
Date Collected: 08/13/21 10:47
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-5
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		08/25/21 13:58	08/25/21 17:14	1

Client Sample ID: HA-6 @ 3'
Date Collected: 08/13/21 11:25
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-6
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847		mg/Kg		08/25/21 13:58	08/25/21 17:16	1

Client Sample ID: HA-7 @ 1'
Date Collected: 08/13/21 12:07
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0820		mg/Kg		08/25/21 13:58	08/25/21 17:18	1

Client Sample ID: HA-8 @ 2'
Date Collected: 08/13/21 12:40
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794		mg/Kg		08/25/21 13:58	08/25/21 17:20	1

Surrogate Summary

Client: GeoSoils, Inc
Project/Site: Mount Vista-Romoland

Job ID: 570-67245-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(64-141)	(76-120)	(47-142)	(80-120)
570-67245-1	HA-1 @ 1'	117	96	109	104
570-67245-1 MS	HA-1 @ 1'	114	106	112	102
570-67245-1 MSD	HA-1 @ 1'	115	106	113	104
570-67245-2	HA-2 @ 2'	117	94	107	104
570-67245-3	HA-3 @ 3'	117	94	107	103
570-67245-4	HA-4 @ 1'	119	94	111	105
570-67245-5	HA-5 @ 2'	117	92	110	102
570-67245-6	HA-6 @ 3'	116	94	107	104
570-67245-7	HA-7 @ 1'	117	94	108	104
570-67245-8	HA-8 @ 2'	118	94	109	104
LCS 570-174158/1-A	Lab Control Sample	109	105	110	103
LCSD 570-174158/2-A	Lab Control Sample Dup	109	102	110	102
MB 570-174158/3-A	Method Blank	114	95	108	104

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(60-138)
570-67245-1	HA-1 @ 1'	111
570-67245-1 MS	HA-1 @ 1'	107
570-67245-1 MSD	HA-1 @ 1'	110
570-67245-2	HA-2 @ 2'	100
570-67245-3	HA-3 @ 3'	109
570-67245-4	HA-4 @ 1'	112
570-67245-5	HA-5 @ 2'	108
570-67245-6	HA-6 @ 3'	111
570-67245-7	HA-7 @ 1'	106
570-67245-8	HA-8 @ 2'	104
LCS 570-174563/2-A	Lab Control Sample	115
LCSD 570-174563/3-A	Lab Control Sample Dup	112
MB 570-174563/1-A	Method Blank	114

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		TCX1	DCB1
Lab Sample ID	Client Sample ID	(38-148)	(37-151)
570-67245-1	HA-1 @ 1'	76	77
570-67245-1 MS	HA-1 @ 1'	89	91

Surrogate Summary

Client: GeoSoils, Inc
Job ID: 570-67245-1
Project/Site: Mount Vista-Romoland

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	TCX1 (38-148)	DCB1 (37-151)
570-67245-1 MSD	HA-1 @ 1'	77	80
570-67245-2	HA-2 @ 2'	83	87
570-67245-3	HA-3 @ 3'	79	143
570-67245-4	HA-4 @ 1'	80	83
570-67245-5	HA-5 @ 2'	82	84
570-67245-6	HA-6 @ 3'	81	81
570-67245-7	HA-7 @ 1'	77	85
570-67245-8	HA-8 @ 2'	86	90
LCS 570-172396/2-A	Lab Control Sample	94	97
LCSD 570-172396/3-A	Lab Control Sample Dup	95	99
MB 570-172396/1-A	Method Blank	88	90

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)

DCB = DCB Decachlorobiphenyl (Surr)

Method: 8141A - Organophosphorous Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TBPH1 (20-158)
570-67245-1	HA-1 @ 1'	82
570-67245-2	HA-2 @ 2'	89
570-67245-2 MS	HA-2 @ 2'	71
570-67245-2 MSD	HA-2 @ 2'	61
570-67245-4	HA-4 @ 1'	69
570-67245-5	HA-5 @ 2'	50
570-67245-6	HA-6 @ 3'	64
570-67245-7	HA-7 @ 1'	48
570-67245-8	HA-8 @ 2'	59
LCS 570-172398/2-A	Lab Control Sample	108
LCSD 570-172398/3-A	Lab Control Sample Dup	92
MB 570-172398/1-A	Method Blank	109

Surrogate Legend

TBPH = Tributylphosphate

Method: 8141A - Organophosphorous Pesticides (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
Lab Sample ID	Client Sample ID	TBPH2 (20-158)
570-67245-3	HA-3 @ 3'	74

Surrogate Legend

TBPH = Tributylphosphate

Surrogate Summary

Client: GeoSoils, Inc
Job ID: 570-67245-1
Project/Site: Mount Vista-Romoland

Method: 8151A - Herbicides (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	DCPAA1 (20-163)						
570-67245-1	HA-1 @ 1'	91						
570-67245-2	HA-2 @ 2'	84						
570-67245-3	HA-3 @ 3'	80						
570-67245-4	HA-4 @ 1'	99						
570-67245-5	HA-5 @ 2'	100						
570-67245-6	HA-6 @ 3'	112						
570-67245-7	HA-7 @ 1'	141						
570-67245-8	HA-8 @ 2'	96						
LCS 570-174416/2-A	Lab Control Sample	112						
LCSD 570-174416/3-A	Lab Control Sample Dup	113						
MB 570-174416/1-A	Method Blank	45						

Surrogate Legend

DCPAA = 2,4-Dichlorophenylacetic acid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-174158/3-A
Matrix: Solid
Analysis Batch: 174232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174158

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,1,2,2-Tetrachloroethane	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,1-Dichloroethane	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,1-Dichloroethene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,1-Dichloropropene	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,2,3-Trichlorobenzene	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,2,3-Trichloropropane	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,2,4-Trichlorobenzene	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,2,4-Trimethylbenzene	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,2-Dibromoethane	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,2-Dichloroethane	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,2-Dichloropropane	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,3,5-Trimethylbenzene	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,3-Dichloropropane	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
2,2-Dichloropropane	ND		5.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
2-Butanone	ND		21		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
2-Chlorotoluene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
2-Hexanone	ND		21		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
4-Chlorotoluene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
4-Methyl-2-pentanone	ND		21		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Acetone	ND		21		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Benzene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Bromobenzene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Bromochloromethane	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Bromodichloromethane	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Bromoform	ND		5.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Bromomethane	ND		21		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Carbon disulfide	ND		10		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Carbon tetrachloride	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Chlorobenzene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Chloroethane	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Chloroform	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Chloromethane	ND		21		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Dibromochloromethane	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Dibromomethane	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Dichlorodifluoromethane	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Ethylbenzene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Isopropylbenzene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Methylene Chloride	ND		10		ug/Kg		08/25/21 07:34	08/25/21 12:42	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-174158/3-A
Matrix: Solid
Analysis Batch: 174232

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174158

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Naphthalene	ND		10		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
n-Butylbenzene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
N-Propylbenzene	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
o-Xylene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
m,p-Xylene	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
p-Isopropyltoluene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
sec-Butylbenzene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Styrene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
trans-1,3-Dichloropropene	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
tert-Butylbenzene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Tetrachloroethene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Toluene	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Trichloroethene	ND		2.1		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Trichlorofluoromethane	ND		10		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Vinyl acetate	ND		10		ug/Kg		08/25/21 07:34	08/25/21 12:42	1
Vinyl chloride	ND		1.0		ug/Kg		08/25/21 07:34	08/25/21 12:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*64 - 141*	*08/25/21 07:34*	*08/25/21 12:42*	*1*
4-Bromofluorobenzene (Surr)	*95*		*76 - 120*	*08/25/21 07:34*	*08/25/21 12:42*	*1*
Dibromofluoromethane (Surr)	*108*		*47 - 142*	*08/25/21 07:34*	*08/25/21 12:42*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*	*08/25/21 07:34*	*08/25/21 12:42*	*1*

Lab Sample ID: LCS 570-174158/1-A
Matrix: Solid
Analysis Batch: 174232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 174158

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
1,1-Dichloroethene			49.4	48.86		ug/Kg		99	68 - 120		
1,2-Dibromoethane			49.4	52.60		ug/Kg		106	80 - 120		
1,2-Dichlorobenzene			49.4	49.05		ug/Kg		99	80 - 120		
1,2-Dichloroethane			49.4	48.85		ug/Kg		99	76 - 126		
Benzene			49.4	49.89		ug/Kg		101	76 - 120		
Carbon tetrachloride			49.4	53.73		ug/Kg		109	68 - 132		
Chlorobenzene			49.4	49.82		ug/Kg		101	80 - 120		
Ethylbenzene			49.4	49.50		ug/Kg		100	80 - 120		
Methyl-t-Butyl Ether (MTBE)			49.4	52.74		ug/Kg		107	70 - 120		
o-Xylene			49.4	51.51		ug/Kg		104	76 - 125		
m,p-Xylene			98.8	97.58		ug/Kg		99	75 - 122		
Toluene			49.4	51.30		ug/Kg		104	79 - 120		
Trichloroethene			49.4	51.09		ug/Kg		103	80 - 120		
Vinyl chloride			49.4	52.81		ug/Kg		107	65 - 129		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 141*
4-Bromofluorobenzene (Surr)	*105*		*76 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-174158/1-A
Matrix: Solid
Analysis Batch: 174232

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 174158

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*110*		*47 - 142*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: LCSD 570-174158/2-A
Matrix: Solid
Analysis Batch: 174232

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 174158

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			50.2	49.78		ug/Kg		99	68 - 120	2	20
1,2-Dibromoethane			50.2	55.69		ug/Kg		111	80 - 120	6	20
1,2-Dichlorobenzene			50.2	51.80		ug/Kg		103	80 - 120	5	20
1,2-Dichloroethane			50.2	51.63		ug/Kg		103	76 - 126	6	20
Benzene			50.2	51.58		ug/Kg		103	76 - 120	3	20
Carbon tetrachloride			50.2	56.51		ug/Kg		113	68 - 132	5	20
Chlorobenzene			50.2	51.55		ug/Kg		103	80 - 120	3	20
Ethylbenzene			50.2	51.05		ug/Kg		102	80 - 120	3	20
Methyl-t-Butyl Ether (MTBE)			50.2	57.75		ug/Kg		115	70 - 120	9	20
o-Xylene			50.2	53.31		ug/Kg		106	76 - 125	3	20
m,p-Xylene			100	101.2		ug/Kg		101	75 - 122	4	20
Toluene			50.2	53.59		ug/Kg		107	79 - 120	4	20
Trichloroethene			50.2	52.07		ug/Kg		104	80 - 120	2	20
Vinyl chloride			50.2	57.67		ug/Kg		115	65 - 129	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*109*		*64 - 141*
4-Bromofluorobenzene (Surr)	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*110*		*47 - 142*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 570-67245-1 MS
Matrix: Solid
Analysis Batch: 174232

Client Sample ID: HA-1 @ 1'
Prep Type: Total/NA
Prep Batch: 174158

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		50.4	48.47		ug/Kg		96	60 - 125
1,2-Dibromoethane	ND		50.4	50.68		ug/Kg		101	65 - 125
1,2-Dichlorobenzene	ND		50.4	45.59		ug/Kg		90	47 - 130
1,2-Dichloroethane	ND		50.4	48.75		ug/Kg		97	66 - 127
Benzene	ND		50.4	48.24		ug/Kg		96	70 - 125
Carbon tetrachloride	ND		50.4	53.07		ug/Kg		105	60 - 130
Chlorobenzene	ND		50.4	47.51		ug/Kg		94	65 - 125
Ethylbenzene	ND		50.4	47.44		ug/Kg		94	64 - 125
Methyl-t-Butyl Ether (MTBE)	ND		50.4	53.35		ug/Kg		106	61 - 125
o-Xylene	ND		50.4	49.62		ug/Kg		98	59 - 128
m,p-Xylene	ND		101	94.00		ug/Kg		93	60 - 125
Toluene	ND		50.4	49.80		ug/Kg		99	68 - 125
Trichloroethene	ND		50.4	49.41		ug/Kg		98	41 - 169
Vinyl chloride	ND		50.4	44.87		ug/Kg		89	59 - 125

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-67245-1 MS
Matrix: Solid
Analysis Batch: 174232

Client Sample ID: HA-1 @ 1'
Prep Type: Total/NA
Prep Batch: 174158

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*114*		*64 - 141*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*112*		*47 - 142*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 570-67245-1 MSD
Matrix: Solid
Analysis Batch: 174232

Client Sample ID: HA-1 @ 1'
Prep Type: Total/NA
Prep Batch: 174158

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	ND		48.4	47.99		ug/Kg		99	60 - 125	1	20
1,2-Dibromoethane	ND		48.4	51.01		ug/Kg		105	65 - 125	1	21
1,2-Dichlorobenzene	ND		48.4	45.58		ug/Kg		94	47 - 130	0	29
1,2-Dichloroethane	ND		48.4	47.86		ug/Kg		99	66 - 127	2	20
Benzene	ND		48.4	47.40		ug/Kg		98	70 - 125	2	20
Carbon tetrachloride	ND		48.4	51.65		ug/Kg		107	60 - 130	3	20
Chlorobenzene	ND		48.4	46.72		ug/Kg		96	65 - 125	2	22
Ethylbenzene	ND		48.4	46.90		ug/Kg		97	64 - 125	1	22
Methyl-t-Butyl Ether (MTBE)	ND		48.4	52.95		ug/Kg		109	61 - 125	1	20
o-Xylene	ND		48.4	48.87		ug/Kg		101	59 - 128	2	24
m,p-Xylene	ND		96.9	92.17		ug/Kg		95	60 - 125	2	24
Toluene	ND		48.4	48.83		ug/Kg		101	68 - 125	2	20
Trichloroethene	ND		48.4	49.10		ug/Kg		101	41 - 169	1	21
Vinyl chloride	ND		48.4	51.27		ug/Kg		106	59 - 125	13	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*115*		*64 - 141*
4-Bromofluorobenzene (Surr)	*106*		*76 - 120*
Dibromofluoromethane (Surr)	*113*		*47 - 142*
Toluene-d8 (Surr)	*104*		*80 - 120*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-174563/1-A
Matrix: Solid
Analysis Batch: 174995

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174563

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C7 as C7	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C8 as C8	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C9-C10	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C11-C12	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C13-C14	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C15-C16	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C17-C18	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C19-C20	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C21-C22	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 570-174563/1-A
Matrix: Solid
Analysis Batch: 174995

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174563

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C23-C24	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C25-C28	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C29-C32	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C33-C36	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C37-C40	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C41-C44	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
C6-C44	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1
Diesel Range Organics [C10-C28]	ND		5.0		mg/Kg		08/26/21 11:26	08/27/21 19:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*114*		*60 - 138*	*08/26/21 11:26*	*08/27/21 19:56*	*1*

Lab Sample ID: LCS 570-174563/2-A
Matrix: Solid
Analysis Batch: 174995

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 174563

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			400	454.0		mg/Kg		114	80 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*115*		*60 - 138*

Lab Sample ID: LCSD 570-174563/3-A
Matrix: Solid
Analysis Batch: 174995

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 174563

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	446.4		mg/Kg		112	80 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*112*		*60 - 138*

Lab Sample ID: 570-67245-1 MS
Matrix: Solid
Analysis Batch: 174995

Client Sample ID: HA-1 @ 1'
Prep Type: Total/NA
Prep Batch: 174563

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]	9.9		393	452.6		mg/Kg		113	43 - 165		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*107*		*60 - 138*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-67245-1 MSD
Matrix: Solid
Analysis Batch: 174995

Client Sample ID: HA-1 @ 1'
Prep Type: Total/NA
Prep Batch: 174563

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	9.9		395	437.2		mg/Kg		108	43 - 165	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*110*		*60 - 138*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-172396/1-A
Matrix: Solid
Analysis Batch: 172853

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172396

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
4,4'-DDE	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
4,4'-DDT	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
Aldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
alpha-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
alpha-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
beta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
Chlordane	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
delta-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
Dieldrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
Endosulfan I	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
Endosulfan II	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
Endosulfan sulfate	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
Endrin	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
Endrin aldehyde	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
Endrin ketone	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
gamma-Chlordane	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
gamma-BHC	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
Heptachlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
Heptachlor epoxide	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
Methoxychlor	ND		0.0050		mg/Kg		08/18/21 12:35	08/20/21 05:36	1
Toxaphene	ND		0.025		mg/Kg		08/18/21 12:35	08/20/21 05:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*88*		*38 - 148*	*08/18/21 12:35*	*08/20/21 05:36*	*1*
DCB Decachlorobiphenyl (Surr)	*90*		*37 - 151*	*08/18/21 12:35*	*08/20/21 05:36*	*1*

Lab Sample ID: LCS 570-172396/2-A
Matrix: Solid
Analysis Batch: 172853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172396

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
4,4'-DDD			0.0250	0.02345		mg/Kg		94	54 - 154		
4,4'-DDE			0.0250	0.02233		mg/Kg		89	51 - 149		
4,4'-DDT			0.0250	0.02409		mg/Kg		96	39 - 152		

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-172396/2-A
Matrix: Solid
Analysis Batch: 172853

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172396

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Aldrin			0.0250	0.02195		mg/Kg		88	52 - 138		
alpha-BHC			0.0250	0.02282		mg/Kg		91	51 - 140		
alpha-Chlordane			0.0250	0.02167		mg/Kg		87	53 - 141		
beta-BHC			0.0250	0.02123		mg/Kg		85	53 - 141		
delta-BHC			0.0250	0.02306		mg/Kg		92	20 - 132		
Dieldrin			0.0250	0.02185		mg/Kg		87	52 - 144		
Endosulfan I			0.0250	0.02153		mg/Kg		86	49 - 139		
Endosulfan II			0.0250	0.02203		mg/Kg		88	51 - 150		
Endosulfan sulfate			0.0250	0.02344		mg/Kg		94	45 - 139		
Endrin			0.0250	0.02300		mg/Kg		92	53 - 151		
Endrin aldehyde			0.0250	0.02080		mg/Kg		83	31 - 146		
gamma-Chlordane			0.0250	0.02159		mg/Kg		86	46 - 156		
gamma-BHC			0.0250	0.02342		mg/Kg		94	53 - 141		
Heptachlor			0.0250	0.02196		mg/Kg		88	52 - 144		
Heptachlor epoxide			0.0250	0.02175		mg/Kg		87	54 - 141		
Methoxychlor			0.0250	0.02478		mg/Kg		99	47 - 148		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*94*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*97*		*37 - 151*

Lab Sample ID: LCSD 570-172396/3-A
Matrix: Solid
Analysis Batch: 172853

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 172396

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD			0.0250	0.02422		mg/Kg		97	54 - 154	3	30
4,4'-DDE			0.0250	0.02303		mg/Kg		92	51 - 149	3	28
4,4'-DDT			0.0250	0.02498		mg/Kg		100	39 - 152	4	31
Aldrin			0.0250	0.02215		mg/Kg		89	52 - 138	1	30
alpha-BHC			0.0250	0.02347		mg/Kg		94	51 - 140	3	29
alpha-Chlordane			0.0250	0.02232		mg/Kg		89	53 - 141	3	28
beta-BHC			0.0250	0.02180		mg/Kg		87	53 - 141	3	29
delta-BHC			0.0250	0.02360		mg/Kg		94	20 - 132	2	40
Dieldrin			0.0250	0.02249		mg/Kg		90	52 - 144	3	28
Endosulfan I			0.0250	0.02212		mg/Kg		88	49 - 139	3	28
Endosulfan II			0.0250	0.02271		mg/Kg		91	51 - 150	3	29
Endosulfan sulfate			0.0250	0.02428		mg/Kg		97	45 - 139	3	30
Endrin			0.0250	0.02354		mg/Kg		94	53 - 151	2	29
Endrin aldehyde			0.0250	0.02159		mg/Kg		86	31 - 146	4	40
gamma-Chlordane			0.0250	0.02222		mg/Kg		89	46 - 156	3	39
gamma-BHC			0.0250	0.02401		mg/Kg		96	53 - 141	2	29
Heptachlor			0.0250	0.02229		mg/Kg		89	52 - 144	1	29
Heptachlor epoxide			0.0250	0.02218		mg/Kg		89	54 - 141	2	29
Methoxychlor			0.0250	0.02529		mg/Kg		101	47 - 148	2	29

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*95*		*38 - 148*

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 570-172396/3-A
Matrix: Solid
Analysis Batch: 172853

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 172396

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl (Surr)	99		37 - 151

Lab Sample ID: 570-67245-1 MS
Matrix: Solid
Analysis Batch: 172853

Client Sample ID: HA-1 @ 1'
Prep Type: Total/NA
Prep Batch: 172396

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	ND		0.0248	0.02221		mg/Kg		89	27 - 144
4,4'-DDE	ND		0.0248	0.02125		mg/Kg		86	28 - 141
4,4'-DDT	ND		0.0248	0.02299		mg/Kg		93	10 - 154
Aldrin	ND		0.0248	0.02082		mg/Kg		84	26 - 125
alpha-BHC	ND		0.0248	0.02119		mg/Kg		85	24 - 125
alpha-Chlordane	ND		0.0248	0.02053		mg/Kg		83	17 - 144
beta-BHC	ND		0.0248	0.01980		mg/Kg		80	28 - 125
delta-BHC	ND		0.0248	0.02144		mg/Kg		86	10 - 125
Dieldrin	ND		0.0248	0.02078		mg/Kg		84	19 - 145
Endosulfan I	ND		0.0248	0.02041		mg/Kg		82	25 - 125
Endosulfan II	ND		0.0248	0.02093		mg/Kg		84	13 - 142
Endosulfan sulfate	ND		0.0248	0.02199		mg/Kg		89	14 - 126
Endrin	ND		0.0248	0.02207		mg/Kg		89	28 - 139
Endrin aldehyde	ND		0.0248	0.02026		mg/Kg		82	12 - 125
gamma-Chlordane	ND		0.0248	0.02036		mg/Kg		82	10 - 160
gamma-BHC	ND		0.0248	0.02188		mg/Kg		88	24 - 125
Heptachlor	ND		0.0248	0.02017		mg/Kg		81	19 - 127
Heptachlor epoxide	ND		0.0248	0.02001		mg/Kg		81	33 - 123
Methoxychlor	ND		0.0248	0.02247		mg/Kg		90	19 - 128

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene (Surr)	89		38 - 148
DCB Decachlorobiphenyl (Surr)	91		37 - 151

Lab Sample ID: 570-67245-1 MSD
Matrix: Solid
Analysis Batch: 172853

Client Sample ID: HA-1 @ 1'
Prep Type: Total/NA
Prep Batch: 172396

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	ND		0.0248	0.01936		mg/Kg		78	27 - 144	14	40
4,4'-DDE	ND		0.0248	0.01864		mg/Kg		75	28 - 141	13	32
4,4'-DDT	ND		0.0248	0.02014		mg/Kg		81	10 - 154	13	40
Aldrin	ND		0.0248	0.01802		mg/Kg		73	26 - 125	14	40
alpha-BHC	ND		0.0248	0.01862		mg/Kg		75	24 - 125	13	40
alpha-Chlordane	ND		0.0248	0.01791		mg/Kg		72	17 - 144	14	40
beta-BHC	ND		0.0248	0.01738		mg/Kg		70	28 - 125	13	39
delta-BHC	ND		0.0248	0.01885		mg/Kg		76	10 - 125	13	40
Dieldrin	ND		0.0248	0.01809		mg/Kg		73	19 - 145	14	39
Endosulfan I	ND		0.0248	0.01777		mg/Kg		72	25 - 125	14	39
Endosulfan II	ND		0.0248	0.01831		mg/Kg		74	13 - 142	13	40
Endosulfan sulfate	ND		0.0248	0.01936		mg/Kg		78	14 - 126	13	38

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 570-67245-1 MSD
Matrix: Solid
Analysis Batch: 172853

Client Sample ID: HA-1 @ 1'
Prep Type: Total/NA
Prep Batch: 172396

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Endrin	ND		0.0248	0.01888		mg/Kg		76	28 - 139	16	40
Endrin aldehyde	ND		0.0248	0.01788		mg/Kg		72	12 - 125	12	40
gamma-Chlordane	ND		0.0248	0.01778		mg/Kg		72	10 - 160	14	40
gamma-BHC	ND		0.0248	0.01913		mg/Kg		77	24 - 125	13	40
Heptachlor	ND		0.0248	0.01782		mg/Kg		72	19 - 127	12	40
Heptachlor epoxide	ND		0.0248	0.01753		mg/Kg		71	33 - 123	13	34
Methoxychlor	ND		0.0248	0.02021		mg/Kg		82	19 - 128	11	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*77*		*38 - 148*
DCB Decachlorobiphenyl (Surr)	*80*		*37 - 151*

Method: 8141A - Organophosphorous Pesticides (GC)

Lab Sample ID: MB 570-172398/1-A
Matrix: Solid
Analysis Batch: 172501

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 172398

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Azinphos-methyl	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Bolstar	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Chlorpyrifos	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Coumaphos	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Demeton-o/s	ND		1.0		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Diazinon	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Dichlorvos	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Disulfoton	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Ethoprop	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Fensulfothion	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Fenthion	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Merphos	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Methyl parathion	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Mevinphos	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Naled	ND		4.0		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Phorate	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Ronnel	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Stirophos	ND		2.0		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Tokuthion	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1
Trichloronate	ND		0.50		mg/Kg		08/18/21 12:38	08/19/21 17:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tributylphosphate	*109*		*20 - 158*	*08/18/21 12:38*	*08/19/21 17:41*	*1*

Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-172398/2-A
Matrix: Solid
Analysis Batch: 172501

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 172398

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Azinphos-methyl			4.00	4.834		mg/Kg		121	59 - 156		
Bolstar			4.00	4.396		mg/Kg		110	45 - 145		
Chlorpyrifos			4.00	4.426		mg/Kg		111	42 - 139		
Coumaphos			4.00	4.649		mg/Kg		116	64 - 149		
Diazinon			4.00	3.849		mg/Kg		96	36 - 149		
Disulfoton			4.00	2.091	p	mg/Kg		52	45 - 132		
Ethoprop			4.00	4.402		mg/Kg		110	41 - 138		
Fensulfothion			4.00	4.878		mg/Kg		122	53 - 151		
Fenthion			4.00	4.336		mg/Kg		108	49 - 150		
Merphos			4.00	4.189		mg/Kg		105	20 - 180		
Methyl parathion			4.00	4.890		mg/Kg		122	48 - 149		
Phorate			4.00	4.269		mg/Kg		107	42 - 137		
Ronnel			4.00	4.493		mg/Kg		112	45 - 141		
Stirophos			4.00	5.607		mg/Kg		140	43 - 166		
Tokuthion			4.00	4.332		mg/Kg		108	50 - 131		
Trichloronate			4.00	4.595		mg/Kg		115	45 - 138		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tributylphosphate	*108*		*20 - 158*

Lab Sample ID: LCSD 570-172398/3-A
Matrix: Solid
Analysis Batch: 172501

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 172398

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Azinphos-methyl			4.00	4.294		mg/Kg		107	59 - 156	12	27
Bolstar			4.00	3.852		mg/Kg		96	45 - 145	13	24
Chlorpyrifos			4.00	3.857		mg/Kg		96	42 - 139	14	28
Coumaphos			4.00	3.966		mg/Kg		99	64 - 149	16	26
Diazinon			4.00	3.249		mg/Kg		81	36 - 149	17	28
Disulfoton			4.00	3.556	*1	mg/Kg		89	45 - 132	52	27
Ethoprop			4.00	3.681		mg/Kg		92	41 - 138	18	26
Fensulfothion			4.00	4.185		mg/Kg		105	53 - 151	15	23
Fenthion			4.00	3.786		mg/Kg		95	49 - 150	14	30
Merphos			4.00	3.332		mg/Kg		83	20 - 180	23	30
Methyl parathion			4.00	4.245		mg/Kg		106	48 - 149	14	30
Phorate			4.00	3.657		mg/Kg		91	42 - 137	15	29
Ronnel			4.00	3.924		mg/Kg		98	45 - 141	14	30
Stirophos			4.00	4.731		mg/Kg		118	43 - 166	17	25
Tokuthion			4.00	3.716		mg/Kg		93	50 - 131	15	20
Trichloronate			4.00	4.014		mg/Kg		100	45 - 138	14	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tributylphosphate	*92*		*20 - 158*

Method: 8141A - Organophosphorous Pesticides (GC) (Continued)

Lab Sample ID: 570-67245-2 MS
Matrix: Solid
Analysis Batch: 172501

Client Sample ID: HA-2 @ 2'
Prep Type: Total/NA
Prep Batch: 172398

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Azinphos-methyl	ND		3.93	3.945		mg/Kg		100	20 - 180
Bolstar	ND		3.93	3.839		mg/Kg		98	26 - 157
Chlorpyrifos	ND		3.93	3.900		mg/Kg		99	21 - 153
Coumaphos	ND		3.93	3.656		mg/Kg		93	33 - 179
Diazinon	ND		3.93	3.444		mg/Kg		88	20 - 157
Disulfoton	ND	*1	3.93	3.660		mg/Kg		93	20 - 147
Ethoprop	ND		3.93	3.160		mg/Kg		80	20 - 147
Fensulfothion	ND		3.93	2.881		mg/Kg		73	22 - 169
Fenthion	ND		3.93	3.803		mg/Kg		97	24 - 170
Merphos	ND		3.93	3.408		mg/Kg		87	20 - 180
Methyl parathion	ND		3.93	4.187		mg/Kg		107	21 - 174
Phorate	ND		3.93	3.528		mg/Kg		90	20 - 146
Ronnel	ND		3.93	3.929		mg/Kg		100	20 - 159
Stirophos	ND		3.93	4.195		mg/Kg		107	20 - 180
Tokuthion	ND		3.93	3.837		mg/Kg		98	26 - 149
Trichloronate	ND		3.93	4.021		mg/Kg		102	24 - 153

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tributylphosphate	*71*		*20 - 158*

Lab Sample ID: 570-67245-2 MSD
Matrix: Solid
Analysis Batch: 172501

Client Sample ID: HA-2 @ 2'
Prep Type: Total/NA
Prep Batch: 172398

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Azinphos-methyl	ND		3.94	3.439		mg/Kg		87	20 - 180	14	40
Bolstar	ND		3.94	3.261		mg/Kg		83	26 - 157	16	40
Chlorpyrifos	ND		3.94	3.380		mg/Kg		86	21 - 153	14	40
Coumaphos	ND		3.94	3.171		mg/Kg		80	33 - 179	14	40
Diazinon	ND		3.94	3.003		mg/Kg		76	20 - 157	14	40
Disulfoton	ND	*1	3.94	3.244		mg/Kg		82	20 - 147	12	40
Ethoprop	ND		3.94	2.814		mg/Kg		71	20 - 147	12	40
Fensulfothion	ND		3.94	2.360		mg/Kg		60	22 - 169	20	40
Fenthion	ND		3.94	3.299		mg/Kg		84	24 - 170	14	40
Merphos	ND		3.94	2.772		mg/Kg		70	20 - 180	21	40
Methyl parathion	ND		3.94	3.566		mg/Kg		90	21 - 174	16	40
Phorate	ND		3.94	3.161		mg/Kg		80	20 - 146	11	40
Ronnel	ND		3.94	3.428		mg/Kg		87	20 - 159	14	40
Stirophos	ND		3.94	3.534		mg/Kg		90	20 - 180	17	40
Tokuthion	ND		3.94	3.292		mg/Kg		83	26 - 149	15	40
Trichloronate	ND		3.94	3.734		mg/Kg		95	24 - 153	7	40

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tributylphosphate	*61*		*20 - 158*

Method: 8151A - Herbicides (GC)

Lab Sample ID: MB 570-174416/1-A
Matrix: Solid
Analysis Batch: 175007

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174416

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-T	ND		10		ug/Kg		08/25/21 20:53	08/27/21 20:24	1
2,4,5-TP (Silvex)	ND		10		ug/Kg		08/25/21 20:53	08/27/21 20:24	1
2,4-D	ND		100		ug/Kg		08/25/21 20:53	08/27/21 20:24	1
2,4-DB	ND		100		ug/Kg		08/25/21 20:53	08/27/21 20:24	1
Dalapon	ND		250		ug/Kg		08/25/21 20:53	08/27/21 20:24	1
Dicamba	ND		10		ug/Kg		08/25/21 20:53	08/27/21 20:24	1
Dichlorprop	ND		100		ug/Kg		08/25/21 20:53	08/27/21 20:24	1
Dinoseb	ND		100		ug/Kg		08/25/21 20:53	08/27/21 20:24	1
MCPA	ND		20000		ug/Kg		08/25/21 20:53	08/27/21 20:24	1
MCPP	ND		10000		ug/Kg		08/25/21 20:53	08/27/21 20:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4-Dichlorophenylacetic acid	*45*		*20 - 163*	*08/25/21 20:53*	*08/27/21 20:24*	*1*

Lab Sample ID: LCS 570-174416/2-A
Matrix: Solid
Analysis Batch: 175007

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 174416

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
2,4,5-T			20.0	23.47		ug/Kg		117	44 - 139		
2,4-D			200	239.7		ug/Kg		120	27 - 160		
2,4-DB			200	262.9		ug/Kg		131	55 - 190		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*112*		*20 - 163*

Lab Sample ID: LCSD 570-174416/3-A
Matrix: Solid
Analysis Batch: 175007

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 174416

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
2,4,5-T			20.0	23.96		ug/Kg		120	44 - 139	2	30
2,4-D			200	242.8		ug/Kg		121	27 - 160	1	30
2,4-DB			200	268.2		ug/Kg		134	55 - 190	2	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4-Dichlorophenylacetic acid	*113*		*20 - 163*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-174306/1-A
Matrix: Solid
Analysis Batch: 174574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174306

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		3.00		mg/Kg		08/25/21 13:52	08/26/21 08:22	1
Arsenic	ND		2.50		mg/Kg		08/25/21 13:52	08/26/21 08:22	1
Barium	ND		0.500		mg/Kg		08/25/21 13:52	08/26/21 08:22	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-174306/1-A
Matrix: Solid
Analysis Batch: 174574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174306

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.250		mg/Kg		08/25/21 13:52	08/26/21 08:22	1
Cadmium	ND		0.500		mg/Kg		08/25/21 13:52	08/26/21 08:22	1
Chromium	ND		1.00		mg/Kg		08/25/21 13:52	08/26/21 08:22	1
Cobalt	ND		1.00		mg/Kg		08/25/21 13:52	08/26/21 08:22	1
Copper	ND		1.00		mg/Kg		08/25/21 13:52	08/26/21 08:22	1
Lead	ND		5.00		mg/Kg		08/25/21 13:52	08/26/21 08:22	1
Molybdenum	ND		0.500		mg/Kg		08/25/21 13:52	08/26/21 08:22	1
Nickel	ND		0.500		mg/Kg		08/25/21 13:52	08/26/21 08:22	1
Selenium	ND		5.00		mg/Kg		08/25/21 13:52	08/26/21 08:22	1
Silver	ND		1.00		mg/Kg		08/25/21 13:52	08/26/21 08:22	1
Thallium	ND		5.00		mg/Kg		08/25/21 13:52	08/26/21 08:22	1
Vanadium	ND		1.00		mg/Kg		08/25/21 13:52	08/26/21 08:22	1
Zinc	ND		10.0		mg/Kg		08/25/21 13:52	08/26/21 08:22	1

Lab Sample ID: LCS 570-174306/2-A
Matrix: Solid
Analysis Batch: 174574

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 174306

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Antimony			25.8	26.61		mg/Kg		103	80 - 120		
Arsenic			25.8	26.76		mg/Kg		104	80 - 120		
Barium			25.8	28.09		mg/Kg		109	80 - 120		
Beryllium			25.8	24.81		mg/Kg		96	80 - 120		
Cadmium			25.8	26.70		mg/Kg		104	80 - 120		
Chromium			25.8	25.91		mg/Kg		101	80 - 120		
Cobalt			25.8	26.34		mg/Kg		102	80 - 120		
Copper			25.8	26.67		mg/Kg		103	80 - 120		
Lead			25.8	27.71		mg/Kg		108	80 - 120		
Molybdenum			25.8	26.27		mg/Kg		102	80 - 120		
Nickel			25.8	25.10		mg/Kg		97	80 - 120		
Selenium			25.8	25.75		mg/Kg		100	80 - 120		
Silver			12.9	12.92		mg/Kg		100	80 - 120		
Thallium			25.8	28.12		mg/Kg		109	80 - 120		
Vanadium			25.8	25.29		mg/Kg		98	80 - 120		
Zinc			25.8	26.58		mg/Kg		103	80 - 120		

Lab Sample ID: LCSD 570-174306/3-A
Matrix: Solid
Analysis Batch: 174574

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 174306

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony			25.9	27.19		mg/Kg		105	80 - 120	2	20
Arsenic			25.9	26.92		mg/Kg		104	80 - 120	1	20
Barium			25.9	28.78		mg/Kg		111	80 - 120	2	20
Beryllium			25.9	25.50		mg/Kg		98	80 - 120	3	20
Cadmium			25.9	27.21		mg/Kg		105	80 - 120	2	20
Chromium			25.9	26.48		mg/Kg		102	80 - 120	2	20
Cobalt			25.9	26.75		mg/Kg		103	80 - 120	2	20
Copper			25.9	27.36		mg/Kg		106	80 - 120	3	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-174306/3-A
Matrix: Solid
Analysis Batch: 174574

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 174306

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead			25.9	28.43		mg/Kg		110	80 - 120	3	20
Molybdenum			25.9	26.99		mg/Kg		104	80 - 120	3	20
Nickel			25.9	25.85		mg/Kg		100	80 - 120	3	20
Selenium			25.9	26.34		mg/Kg		102	80 - 120	2	20
Silver			13.0	13.07		mg/Kg		101	80 - 120	1	20
Thallium			25.9	28.75		mg/Kg		111	80 - 120	2	20
Vanadium			25.9	25.99		mg/Kg		100	80 - 120	3	20
Zinc			25.9	27.16		mg/Kg		105	80 - 120	2	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-174308/1-A
Matrix: Solid
Analysis Batch: 174292

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 174308

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833		mg/Kg		08/25/21 13:58	08/25/21 16:52	1

Lab Sample ID: LCS 570-174308/2-A
Matrix: Solid
Analysis Batch: 174292

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 174308

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury			0.847	0.8439		mg/Kg		100	85 - 121		

Lab Sample ID: LCSD 570-174308/3-A
Matrix: Solid
Analysis Batch: 174292

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 174308

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.820	0.8112		mg/Kg		99	85 - 121	4	10

Client: GeoSoils, Inc
Project/Site: Mount Vista-Romoland

Job ID: 570-67245-1

GC/MS VOA

Prep Batch: 174158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-1	HA-1 @ 1'	Total/NA	Solid	5030C	
570-67245-2	HA-2 @ 2'	Total/NA	Solid	5030C	
570-67245-3	HA-3 @ 3'	Total/NA	Solid	5030C	
570-67245-4	HA-4 @ 1'	Total/NA	Solid	5030C	
570-67245-5	HA-5 @ 2'	Total/NA	Solid	5030C	
570-67245-6	HA-6 @ 3'	Total/NA	Solid	5030C	
570-67245-7	HA-7 @ 1'	Total/NA	Solid	5030C	
570-67245-8	HA-8 @ 2'	Total/NA	Solid	5030C	
MB 570-174158/3-A	Method Blank	Total/NA	Solid	5030C	
LCS 570-174158/1-A	Lab Control Sample	Total/NA	Solid	5030C	
LCSD 570-174158/2-A	Lab Control Sample Dup	Total/NA	Solid	5030C	
570-67245-1 MS	HA-1 @ 1'	Total/NA	Solid	5030C	
570-67245-1 MSD	HA-1 @ 1'	Total/NA	Solid	5030C	

Analysis Batch: 174232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-1	HA-1 @ 1'	Total/NA	Solid	8260B	174158
570-67245-2	HA-2 @ 2'	Total/NA	Solid	8260B	174158
570-67245-3	HA-3 @ 3'	Total/NA	Solid	8260B	174158
570-67245-4	HA-4 @ 1'	Total/NA	Solid	8260B	174158
570-67245-5	HA-5 @ 2'	Total/NA	Solid	8260B	174158
570-67245-6	HA-6 @ 3'	Total/NA	Solid	8260B	174158
570-67245-7	HA-7 @ 1'	Total/NA	Solid	8260B	174158
570-67245-8	HA-8 @ 2'	Total/NA	Solid	8260B	174158
MB 570-174158/3-A	Method Blank	Total/NA	Solid	8260B	174158
LCS 570-174158/1-A	Lab Control Sample	Total/NA	Solid	8260B	174158
LCSD 570-174158/2-A	Lab Control Sample Dup	Total/NA	Solid	8260B	174158
570-67245-1 MS	HA-1 @ 1'	Total/NA	Solid	8260B	174158
570-67245-1 MSD	HA-1 @ 1'	Total/NA	Solid	8260B	174158

GC Semi VOA

Prep Batch: 172396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-1	HA-1 @ 1'	Total/NA	Solid	3546	
570-67245-2	HA-2 @ 2'	Total/NA	Solid	3546	
570-67245-3	HA-3 @ 3'	Total/NA	Solid	3546	
570-67245-4	HA-4 @ 1'	Total/NA	Solid	3546	
570-67245-5	HA-5 @ 2'	Total/NA	Solid	3546	
570-67245-6	HA-6 @ 3'	Total/NA	Solid	3546	
570-67245-7	HA-7 @ 1'	Total/NA	Solid	3546	
570-67245-8	HA-8 @ 2'	Total/NA	Solid	3546	
MB 570-172396/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-172396/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-172396/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-67245-1 MS	HA-1 @ 1'	Total/NA	Solid	3546	
570-67245-1 MSD	HA-1 @ 1'	Total/NA	Solid	3546	

Prep Batch: 172398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-1	HA-1 @ 1'	Total/NA	Solid	3546	

GC Semi VOA (Continued)

Prep Batch: 172398 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-2	HA-2 @ 2'	Total/NA	Solid	3546	
570-67245-3	HA-3 @ 3'	Total/NA	Solid	3546	
570-67245-4	HA-4 @ 1'	Total/NA	Solid	3546	
570-67245-5	HA-5 @ 2'	Total/NA	Solid	3546	
570-67245-6	HA-6 @ 3'	Total/NA	Solid	3546	
570-67245-7	HA-7 @ 1'	Total/NA	Solid	3546	
570-67245-8	HA-8 @ 2'	Total/NA	Solid	3546	
MB 570-172398/1-A	Method Blank	Total/NA	Solid	3546	
LCS 570-172398/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 570-172398/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
570-67245-2 MS	HA-2 @ 2'	Total/NA	Solid	3546	
570-67245-2 MSD	HA-2 @ 2'	Total/NA	Solid	3546	

Analysis Batch: 172501

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-1	HA-1 @ 1'	Total/NA	Solid	8141A	172398
570-67245-2	HA-2 @ 2'	Total/NA	Solid	8141A	172398
570-67245-3	HA-3 @ 3'	Total/NA	Solid	8141A	172398
570-67245-4	HA-4 @ 1'	Total/NA	Solid	8141A	172398
570-67245-5	HA-5 @ 2'	Total/NA	Solid	8141A	172398
570-67245-6	HA-6 @ 3'	Total/NA	Solid	8141A	172398
570-67245-7	HA-7 @ 1'	Total/NA	Solid	8141A	172398
570-67245-8	HA-8 @ 2'	Total/NA	Solid	8141A	172398
MB 570-172398/1-A	Method Blank	Total/NA	Solid	8141A	172398
LCS 570-172398/2-A	Lab Control Sample	Total/NA	Solid	8141A	172398
LCSD 570-172398/3-A	Lab Control Sample Dup	Total/NA	Solid	8141A	172398
570-67245-2 MS	HA-2 @ 2'	Total/NA	Solid	8141A	172398
570-67245-2 MSD	HA-2 @ 2'	Total/NA	Solid	8141A	172398

Analysis Batch: 172853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-1	HA-1 @ 1'	Total/NA	Solid	8081A	172396
570-67245-2	HA-2 @ 2'	Total/NA	Solid	8081A	172396
570-67245-3	HA-3 @ 3'	Total/NA	Solid	8081A	172396
570-67245-4	HA-4 @ 1'	Total/NA	Solid	8081A	172396
570-67245-5	HA-5 @ 2'	Total/NA	Solid	8081A	172396
570-67245-6	HA-6 @ 3'	Total/NA	Solid	8081A	172396
570-67245-7	HA-7 @ 1'	Total/NA	Solid	8081A	172396
570-67245-8	HA-8 @ 2'	Total/NA	Solid	8081A	172396
MB 570-172396/1-A	Method Blank	Total/NA	Solid	8081A	172396
LCS 570-172396/2-A	Lab Control Sample	Total/NA	Solid	8081A	172396
LCSD 570-172396/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	172396
570-67245-1 MS	HA-1 @ 1'	Total/NA	Solid	8081A	172396
570-67245-1 MSD	HA-1 @ 1'	Total/NA	Solid	8081A	172396

Prep Batch: 174416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-1	HA-1 @ 1'	Total/NA	Solid	8151A	
570-67245-2	HA-2 @ 2'	Total/NA	Solid	8151A	
570-67245-3	HA-3 @ 3'	Total/NA	Solid	8151A	
570-67245-4	HA-4 @ 1'	Total/NA	Solid	8151A	

GC Semi VOA (Continued)

Prep Batch: 174416 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-5	HA-5 @ 2'	Total/NA	Solid	8151A	
570-67245-6	HA-6 @ 3'	Total/NA	Solid	8151A	
570-67245-7	HA-7 @ 1'	Total/NA	Solid	8151A	
570-67245-8	HA-8 @ 2'	Total/NA	Solid	8151A	
MB 570-174416/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 570-174416/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 570-174416/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	

Prep Batch: 174563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-1	HA-1 @ 1'	Total/NA	Solid	3550C	
570-67245-2	HA-2 @ 2'	Total/NA	Solid	3550C	
570-67245-3	HA-3 @ 3'	Total/NA	Solid	3550C	
570-67245-4	HA-4 @ 1'	Total/NA	Solid	3550C	
570-67245-5	HA-5 @ 2'	Total/NA	Solid	3550C	
570-67245-6	HA-6 @ 3'	Total/NA	Solid	3550C	
570-67245-7	HA-7 @ 1'	Total/NA	Solid	3550C	
570-67245-8	HA-8 @ 2'	Total/NA	Solid	3550C	
MB 570-174563/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-174563/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-174563/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-67245-1 MS	HA-1 @ 1'	Total/NA	Solid	3550C	
570-67245-1 MSD	HA-1 @ 1'	Total/NA	Solid	3550C	

Analysis Batch: 174995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-1	HA-1 @ 1'	Total/NA	Solid	8015B	174563
570-67245-2	HA-2 @ 2'	Total/NA	Solid	8015B	174563
570-67245-3	HA-3 @ 3'	Total/NA	Solid	8015B	174563
570-67245-4	HA-4 @ 1'	Total/NA	Solid	8015B	174563
570-67245-5	HA-5 @ 2'	Total/NA	Solid	8015B	174563
570-67245-6	HA-6 @ 3'	Total/NA	Solid	8015B	174563
570-67245-7	HA-7 @ 1'	Total/NA	Solid	8015B	174563
570-67245-8	HA-8 @ 2'	Total/NA	Solid	8015B	174563
MB 570-174563/1-A	Method Blank	Total/NA	Solid	8015B	174563
LCS 570-174563/2-A	Lab Control Sample	Total/NA	Solid	8015B	174563
LCSD 570-174563/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	174563
570-67245-1 MS	HA-1 @ 1'	Total/NA	Solid	8015B	174563
570-67245-1 MSD	HA-1 @ 1'	Total/NA	Solid	8015B	174563

Analysis Batch: 175007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-1	HA-1 @ 1'	Total/NA	Solid	8151A	174416
570-67245-2	HA-2 @ 2'	Total/NA	Solid	8151A	174416
570-67245-3	HA-3 @ 3'	Total/NA	Solid	8151A	174416
570-67245-4	HA-4 @ 1'	Total/NA	Solid	8151A	174416
570-67245-5	HA-5 @ 2'	Total/NA	Solid	8151A	174416
570-67245-6	HA-6 @ 3'	Total/NA	Solid	8151A	174416
570-67245-7	HA-7 @ 1'	Total/NA	Solid	8151A	174416
570-67245-8	HA-8 @ 2'	Total/NA	Solid	8151A	174416
MB 570-174416/1-A	Method Blank	Total/NA	Solid	8151A	174416

GC Semi VOA (Continued)

Analysis Batch: 175007 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-174416/2-A	Lab Control Sample	Total/NA	Solid	8151A	174416
LCSD 570-174416/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	174416

Metals

Analysis Batch: 174292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-1	HA-1 @ 1'	Total/NA	Solid	7471A	174308
570-67245-2	HA-2 @ 2'	Total/NA	Solid	7471A	174308
570-67245-3	HA-3 @ 3'	Total/NA	Solid	7471A	174308
570-67245-4	HA-4 @ 1'	Total/NA	Solid	7471A	174308
570-67245-5	HA-5 @ 2'	Total/NA	Solid	7471A	174308
570-67245-6	HA-6 @ 3'	Total/NA	Solid	7471A	174308
570-67245-7	HA-7 @ 1'	Total/NA	Solid	7471A	174308
570-67245-8	HA-8 @ 2'	Total/NA	Solid	7471A	174308
MB 570-174308/1-A	Method Blank	Total/NA	Solid	7471A	174308
LCS 570-174308/2-A	Lab Control Sample	Total/NA	Solid	7471A	174308
LCSD 570-174308/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	174308

Prep Batch: 174306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-1	HA-1 @ 1'	Total/NA	Solid	3050B	
570-67245-2	HA-2 @ 2'	Total/NA	Solid	3050B	
570-67245-3	HA-3 @ 3'	Total/NA	Solid	3050B	
570-67245-4	HA-4 @ 1'	Total/NA	Solid	3050B	
570-67245-5	HA-5 @ 2'	Total/NA	Solid	3050B	
570-67245-6	HA-6 @ 3'	Total/NA	Solid	3050B	
570-67245-7	HA-7 @ 1'	Total/NA	Solid	3050B	
570-67245-8	HA-8 @ 2'	Total/NA	Solid	3050B	
MB 570-174306/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-174306/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-174306/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	

Prep Batch: 174308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-1	HA-1 @ 1'	Total/NA	Solid	7471A	
570-67245-2	HA-2 @ 2'	Total/NA	Solid	7471A	
570-67245-3	HA-3 @ 3'	Total/NA	Solid	7471A	
570-67245-4	HA-4 @ 1'	Total/NA	Solid	7471A	
570-67245-5	HA-5 @ 2'	Total/NA	Solid	7471A	
570-67245-6	HA-6 @ 3'	Total/NA	Solid	7471A	
570-67245-7	HA-7 @ 1'	Total/NA	Solid	7471A	
570-67245-8	HA-8 @ 2'	Total/NA	Solid	7471A	
MB 570-174308/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-174308/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-174308/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Analysis Batch: 174574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-1	HA-1 @ 1'	Total/NA	Solid	6010B	174306
570-67245-2	HA-2 @ 2'	Total/NA	Solid	6010B	174306

Metals (Continued)

Analysis Batch: 174574 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-67245-3	HA-3 @ 3'	Total/NA	Solid	6010B	174306
570-67245-4	HA-4 @ 1'	Total/NA	Solid	6010B	174306
570-67245-5	HA-5 @ 2'	Total/NA	Solid	6010B	174306
570-67245-6	HA-6 @ 3'	Total/NA	Solid	6010B	174306
570-67245-7	HA-7 @ 1'	Total/NA	Solid	6010B	174306
570-67245-8	HA-8 @ 2'	Total/NA	Solid	6010B	174306
MB 570-174306/1-A	Method Blank	Total/NA	Solid	6010B	174306
LCS 570-174306/2-A	Lab Control Sample	Total/NA	Solid	6010B	174306
LCSD 570-174306/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	174306

Lab Chronicle

Client: GeoSoils, Inc
Project/Site: Mount Vista-Romoland

Job ID: 570-67245-1

Client Sample ID: HA-1 @ 1'

Date Collected: 08/13/21 08:35
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	174158	08/25/21 12:20	C5SC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	174232	08/25/21 13:27	U4JL	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Prep	3550C			10.15 g	10 mL	174563	08/26/21 11:28	USUL	ECL 1
Total/NA	Analysis	8015B		1			174995	08/27/21 22:55	N5Y3	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3546			20.11 g	10 mL	172396	08/18/21 12:35	F7UI	ECL 1
Total/NA	Analysis	8081A		1			172853	08/20/21 07:58	UHHN	ECL 1
	Instrument ID: GC44									
Total/NA	Prep	3546			10.12 g	10 mL	172398	08/18/21 12:38	F7UI	ECL 1
Total/NA	Analysis	8141A		1			172501	08/20/21 00:17	UJ3K	ECL 1
	Instrument ID: GC69									
Total/NA	Prep	8151A			50.09 g	5 mL	174416	08/25/21 20:53	J7WE	ECL 1
Total/NA	Analysis	8151A		1			175007	08/28/21 03:19	J7WE	ECL 1
	Instrument ID: GC40									
Total/NA	Prep	3050B			1.92 g	100 mL	174306	08/25/21 13:52	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 09:42	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.63 g	100 mL	174308	08/25/21 13:58	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174292	08/25/21 17:03	VWJ7	ECL 1
	Instrument ID: HG7									

Client Sample ID: HA-2 @ 2'

Date Collected: 08/13/21 09:15
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	174158	08/25/21 12:20	C5SC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	174232	08/25/21 15:42	U4JL	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Prep	3550C			10.11 g	10 mL	174563	08/26/21 11:28	USUL	ECL 1
Total/NA	Analysis	8015B		1			174995	08/27/21 23:18	N5Y3	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3546			20.15 g	10 mL	172396	08/18/21 12:35	F7UI	ECL 1
Total/NA	Analysis	8081A		1			172853	08/20/21 08:13	UHHN	ECL 1
	Instrument ID: GC44									
Total/NA	Prep	3546			10.16 g	10 mL	172398	08/18/21 12:38	F7UI	ECL 1
Total/NA	Analysis	8141A		1			172501	08/20/21 01:04	UJ3K	ECL 1
	Instrument ID: GC69									
Total/NA	Prep	8151A			48.79 g	5 mL	174416	08/25/21 20:53	J7WE	ECL 1
Total/NA	Analysis	8151A		1			175007	08/28/21 03:42	J7WE	ECL 1
	Instrument ID: GC40									
Total/NA	Prep	3050B			2.05 g	110 mL	174306	08/25/21 13:52	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 08:38	ULPF	ECL 1
	Instrument ID: ICP9									

Lab Chronicle

Client: GeoSoils, Inc
Project/Site: Mount Vista-Romoland

Job ID: 570-67245-1

Client Sample ID: HA-2 @ 2'
Date Collected: 08/13/21 09:15
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			.57 g	100 mL	174308	08/25/21 13:58	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174292	08/25/21 17:05	VWJ7	ECL 1
	Instrument ID: HG7									

Client Sample ID: HA-3 @ 3'
Date Collected: 08/13/21 09:48
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.13 g	5 mL	174158	08/25/21 12:20	C5SC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	174232	08/25/21 16:05	U4JL	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Prep	3550C			10.16 g	10 mL	174563	08/26/21 11:28	USUL	ECL 1
Total/NA	Analysis	8015B		1			174995	08/27/21 23:40	N5Y3	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3546			20.18 g	10 mL	172396	08/18/21 12:35	F7UI	ECL 1
Total/NA	Analysis	8081A		1			172853	08/20/21 11:47	UHHN	ECL 1
	Instrument ID: GC44									
Total/NA	Prep	3546			10.11 g	10 mL	172398	08/18/21 12:38	F7UI	ECL 1
Total/NA	Analysis	8141A		1			172501	08/20/21 01:52	UJ3K	ECL 1
	Instrument ID: GC69									
Total/NA	Prep	8151A			48.27 g	5 mL	174416	08/25/21 20:53	J7WE	ECL 1
Total/NA	Analysis	8151A		1			175007	08/28/21 04:05	J7WE	ECL 1
	Instrument ID: GC40									
Total/NA	Prep	3050B			2.00 g	100 mL	174306	08/25/21 13:52	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 08:41	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.59 g	100 mL	174308	08/25/21 13:58	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174292	08/25/21 17:07	VWJ7	ECL 1
	Instrument ID: HG7									

Client Sample ID: HA-4 @ 1'
Date Collected: 08/13/21 10:26
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.18 g	5 mL	174158	08/25/21 12:20	C5SC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	174232	08/25/21 16:27	U4JL	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Prep	3550C			10.14 g	10 mL	174563	08/26/21 11:28	USUL	ECL 1
Total/NA	Analysis	8015B		1			174995	08/28/21 00:02	N5Y3	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3546			20.12 g	10 mL	172396	08/18/21 12:35	F7UI	ECL 1
Total/NA	Analysis	8081A		1			172853	08/20/21 08:27	UHHN	ECL 1
	Instrument ID: GC44									

Lab Chronicle

Client: GeoSoils, Inc
Project/Site: Mount Vista-Romoland

Job ID: 570-67245-1

Client Sample ID: HA-4 @ 1'

Date Collected: 08/13/21 10:26
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			10.15 g	10 mL	172398	08/18/21 12:38	F7UI	ECL 1
Total/NA	Analysis	8141A		1			172501	08/20/21 02:39	UJ3K	ECL 1
	Instrument ID: GC69									
Total/NA	Prep	8151A			48.77 g	5 mL	174416	08/25/21 20:53	J7WE	ECL 1
Total/NA	Analysis	8151A		1			175007	08/28/21 04:28	J7WE	ECL 1
	Instrument ID: GC40									
Total/NA	Prep	3050B			2.08 g	100 mL	174306	08/25/21 13:52	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 08:43	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.61 g	100 mL	174308	08/25/21 13:58	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174292	08/25/21 17:09	VWJ7	ECL 1
	Instrument ID: HG7									

Client Sample ID: HA-5 @ 2'

Date Collected: 08/13/21 10:47
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.10 g	5 mL	174158	08/25/21 12:20	C5SC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	174232	08/25/21 16:49	U4JL	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Prep	3550C			10.18 g	10 mL	174563	08/26/21 11:28	USUL	ECL 1
Total/NA	Analysis	8015B		1			174995	08/28/21 00:24	N5Y3	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3546			20.16 g	10 mL	172396	08/18/21 12:35	F7UI	ECL 1
Total/NA	Analysis	8081A		1			172853	08/20/21 08:41	UHHN	ECL 1
	Instrument ID: GC44									
Total/NA	Prep	3546			10.17 g	10 mL	172398	08/18/21 12:38	F7UI	ECL 1
Total/NA	Analysis	8141A		1			172501	08/20/21 03:27	UJ3K	ECL 1
	Instrument ID: GC69									
Total/NA	Prep	8151A			48.41 g	5 mL	174416	08/25/21 20:53	J7WE	ECL 1
Total/NA	Analysis	8151A		1			175007	08/28/21 04:51	J7WE	ECL 1
	Instrument ID: GC40									
Total/NA	Prep	3050B			2.01 g	105 mL	174306	08/25/21 13:52	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 08:46	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.60 g	100 mL	174308	08/25/21 13:58	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174292	08/25/21 17:14	VWJ7	ECL 1
	Instrument ID: HG7									

Lab Chronicle

Client: GeoSoils, Inc
Project/Site: Mount Vista-Romoland

Job ID: 570-67245-1

Client Sample ID: HA-6 @ 3'

Date Collected: 08/13/21 11:25
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.07 g	5 mL	174158	08/25/21 12:20	C5SC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	174232	08/25/21 17:12	U4JL	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Prep	3550C			10.12 g	10 mL	174563	08/26/21 11:28	USUL	ECL 1
Total/NA	Analysis	8015B		1			174995	08/28/21 00:47	N5Y3	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3546			20.14 g	10 mL	172396	08/18/21 12:35	F7UI	ECL 1
Total/NA	Analysis	8081A		1			172853	08/20/21 08:55	UHHN	ECL 1
	Instrument ID: GC44									
Total/NA	Prep	3546			10.13 g	10 mL	172398	08/18/21 12:38	F7UI	ECL 1
Total/NA	Analysis	8141A		1			172501	08/20/21 04:15	UJ3K	ECL 1
	Instrument ID: GC69									
Total/NA	Prep	8151A			48.79 g	5 mL	174416	08/25/21 20:53	J7WE	ECL 1
Total/NA	Analysis	8151A		1			175007	08/28/21 05:14	J7WE	ECL 1
	Instrument ID: GC40									
Total/NA	Prep	3050B			2.03 g	105 mL	174306	08/25/21 13:52	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 08:57	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.59 g	100 mL	174308	08/25/21 13:58	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174292	08/25/21 17:16	VWJ7	ECL 1
	Instrument ID: HG7									

Client Sample ID: HA-7 @ 1'

Date Collected: 08/13/21 12:07
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.05 g	5 mL	174158	08/25/21 12:20	C5SC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	174232	08/25/21 17:35	U4JL	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Prep	3550C			10.15 g	10 mL	174563	08/26/21 11:28	USUL	ECL 1
Total/NA	Analysis	8015B		1			174995	08/28/21 01:09	N5Y3	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3546			20.17 g	10 mL	172396	08/18/21 12:35	F7UI	ECL 1
Total/NA	Analysis	8081A		1			172853	08/20/21 11:32	UHHN	ECL 1
	Instrument ID: GC44									
Total/NA	Prep	3546			10.16 g	10 mL	172398	08/18/21 12:38	F7UI	ECL 1
Total/NA	Analysis	8141A		1			172501	08/20/21 05:03	UJ3K	ECL 1
	Instrument ID: GC69									
Total/NA	Prep	8151A			50.19 g	5 mL	174416	08/25/21 20:53	J7WE	ECL 1
Total/NA	Analysis	8151A		1			175007	08/28/21 05:37	J7WE	ECL 1
	Instrument ID: GC40									
Total/NA	Prep	3050B			2.06 g	100 mL	174306	08/25/21 13:52	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 09:00	ULPF	ECL 1
	Instrument ID: ICP9									

Lab Chronicle

Client: GeoSoils, Inc
Project/Site: Mount Vista-Romoland

Job ID: 570-67245-1

Client Sample ID: HA-7 @ 1'

Date Collected: 08/13/21 12:07
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			.61 g	100 mL	174308	08/25/21 13:58	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174292	08/25/21 17:18	VWJ7	ECL 1
	Instrument ID: HG7									

Client Sample ID: HA-8 @ 2'

Date Collected: 08/13/21 12:40
Date Received: 08/13/21 15:50

Lab Sample ID: 570-67245-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030C			5.16 g	5 mL	174158	08/25/21 12:20	C5SC	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	174232	08/25/21 17:57	U4JL	ECL 2
	Instrument ID: GCMSOO									
Total/NA	Prep	3550C			10.17 g	10 mL	174563	08/26/21 11:28	USUL	ECL 1
Total/NA	Analysis	8015B		1			174995	08/28/21 01:31	N5Y3	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3546			20.11 g	10 mL	172396	08/18/21 12:35	F7UI	ECL 1
Total/NA	Analysis	8081A		1			172853	08/20/21 09:10	UHHN	ECL 1
	Instrument ID: GC44									
Total/NA	Prep	3546			10.12 g	10 mL	172398	08/18/21 12:38	F7UI	ECL 1
Total/NA	Analysis	8141A		1			172501	08/20/21 05:51	UJ3K	ECL 1
	Instrument ID: GC69									
Total/NA	Prep	8151A			48.52 g	5 mL	174416	08/25/21 20:53	J7WE	ECL 1
Total/NA	Analysis	8151A		1			175007	08/28/21 06:00	J7WE	ECL 1
	Instrument ID: GC40									
Total/NA	Prep	3050B			2.10 g	100 mL	174306	08/25/21 13:52	WL8G	ECL 1
Total/NA	Analysis	6010B		1			174574	08/26/21 09:03	ULPF	ECL 1
	Instrument ID: ICP9									
Total/NA	Prep	7471A			.63 g	100 mL	174308	08/25/21 13:58	WL8G	ECL 1
Total/NA	Analysis	7471A		1			174292	08/25/21 17:20	VWJ7	ECL 1
	Instrument ID: HG7									

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: GeoSoils, Inc
Job ID: 570-67245-1
Project/Site: Mount Vista-Romoland

Laboratory: Eurofins Calscience LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	State	2944	09-30-21
Oregon	NELAP	CA300001	01-30-22

Method Summary

Client: GeoSoils, Inc
Project/Site: Mount Vista-Romoland

Job ID: 570-67245-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
8081A	Organochlorine Pesticides (GC)	SW846	ECL 1
8141A	Organophosphorous Pesticides (GC)	SW846	ECL 1
8151A	Herbicides (GC)	SW846	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7471A	Mercury (CVAA)	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1
3546	Microwave Extraction	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5030C	Purge and Trap	SW846	ECL 2
7471A	Preparation, Mercury	SW846	ECL 1
8151A	Extraction (Herbicides)	SW846	ECL 1

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: GeoSoils, Inc
Project/Site: Mount Vista-Romoland

Job ID: 570-67245-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
570-67245-1	HA-1 @ 1'	Solid	08/13/21 08:35	08/13/21 15:50
570-67245-2	HA-2 @ 2'	Solid	08/13/21 09:15	08/13/21 15:50
570-67245-3	HA-3 @ 3'	Solid	08/13/21 09:48	08/13/21 15:50
570-67245-4	HA-4 @ 1'	Solid	08/13/21 10:26	08/13/21 15:50
570-67245-5	HA-5 @ 2'	Solid	08/13/21 10:47	08/13/21 15:50
570-67245-6	HA-6 @ 3'	Solid	08/13/21 11:25	08/13/21 15:50
570-67245-7	HA-7 @ 1'	Solid	08/13/21 12:07	08/13/21 15:50
570-67245-8	HA-8 @ 2'	Solid	08/13/21 12:40	08/13/21 15:50

eurofins | Calscience

7440 Lincoln Way Garden Grove CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information contact us26_sales@eurofinsus.com or call us.

570-67245 Chain of Custody

CHAIN-OF-CUSTODY RECORD

Date 8/13/2021

Page 1 of 1

LABORATORY CLIENT: GeoSoils, Inc.

ADDRESS: 18451 Collier Ave., Suite A

CITY: Lake Elsinore STATE: CA ZIP: 92530

TEL: 951-471-0700 E-MAIL: tgreer@geosoilsinc.com

CLIENT PROJECT NAME / NO: Mount Vista-Romoland

PROJECT CONTACT: Todd Greer

P.O. NO.: E7563.1-SC

LAB CONTACT OR QUOTE NO:

GLOBAL ID:

LOG CODE:

SAMPLER(S): (PRINT) Todd A. Greer (TAG)

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD

☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS.

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT	Unpreserved	Preserved	Field Filtered	TPH(g) ☐ GRO	TPH(d) ☐ DRO	TPH ☐ C6-C36 ☒ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081) OCP's	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☒ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	8141A	Pesticides OPP's ~~8151A~~	Herbicides 8151A		
1	HA-1 @ 1'	8/13/21	8:35A	Soil	1																						
2	HA-2 @ 2'		9:15A		1																						
3	HA-3 @ 3'		9:48A		1																						
4	HA-4 @ 1'		10:26A		1																						
5	HA-5 @ 2'		10:47A		1																						
6	HA-6 @ 3'		11:25A		1																						
7	HA-7 @ 1'		12:07P		1																						
8	HA-8 @ 2'		12:40P		1																						

Relinquished by: (Signature) Todd A. Greer	Received by: (Signature/Affiliation) GeoSoils	Date: 8/13/2021	Time: 1:59 p
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 8/13/21	Time: 15:50
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

4.8/4.4 SCB

2016-04-01-Revision

Login Sample Receipt Checklist

Client: GeoSoils, Inc

Job Number: 570-67245-1

Login Number: 67245
List Number: 1
Creator: Vitente, Precy

List Source: Eurofins Calscience LLC

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

APPENDIX D

REGULATORY RECORDS

Mapes and Tradewinds
Mapes and Tradewinds
Sun City, CA 92585

Inquiry Number: 8001728.2s
May 29, 2025

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Executive Summary	ES1
Overview Map	2
Detail Map	3
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Map Findings	9
Orphan Summary	16
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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Physical Setting SSURGO Soil Map	A-5
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Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

MAPES AND TRADEWINDS
SUN CITY, CA 92585

COORDINATES

Latitude (North):	33.7595290 - 33° 45' 34.30''
Longitude (West):	117.1649870 - 117° 9' 53.95''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	484720.7
UTM Y (Meters):	3735312.0
Elevation:	1482 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50004729 PERRIS, CA
Version Date:	2021
South Map:	50005839 ROMOLAND, CA
Version Date:	2022

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200422
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
MAPES AND TRADEWINDS
SUN CITY, CA 92585

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	MT VISTA	NORTHEAST SIDE OF MA	NPDES, CIWQS	Lower	1 ft.
2	24710 ROCKY PEAK RD	24710 ROCKY PEAK RD	RCRA NonGen / NLR	Higher	1159, 0.220, ENE
3	HIGH SCHOOL NO. 3	BRIGGS ROAD/PINACATE	ENVIROSTOR, SCH	Lower	5012, 0.949, SSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---- National Priority List
Proposed NPL ---- Proposed National Priority List Sites
NPL LIENS ---- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---- Federal Facility Site Information listing
SEMS ---- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---- RCRA - Treatment, Storage and Disposal

Lists of Federal RCRA generators

RCRA-LQG ---- RCRA - Large Quantity Generators
RCRA-SQG ---- RCRA - Small Quantity Generators
RCRA-VSQG ---- RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ---- Land Use Control Information System

US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROLS ..... Institutional Controls Sites List

Federal ERNS list

ERNS ..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE ..... State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF ..... Solid Waste Information System

Lists of state and tribal leaking storage tanks

LUST ..... Geotracker's Leaking Underground Fuel Tank Report
INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land
CPS-SLIC ..... Statewide SLIC Cases

Lists of state and tribal registered storage tanks

FEMA UST ..... Underground Storage Tank Listing
UST ..... Active UST Facilities
AST ..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST ..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing
VCP ..... Voluntary Cleanup Program Properties

Lists of state and tribal brownfield sites

BROWNFIELDS ..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ..... Waste Management Unit Database
SWRCY ..... Recycler Database
HAULERS ..... Registered Waste Tire Haulers Listing
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands
ODI ..... Open Dump Inventory
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS ..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ..... Delisted National Clandestine Laboratory Register

HIST Cal-Sites ---- Historical Calsites Database
SCH ---- School Property Evaluation Program
CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites
CERS HAZ WASTE ---- California Environmental Reporting System Hazardous Waste
US CDL ---- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

SWEEPS UST ---- SWEEPS UST Listing
HIST UST ---- Hazardous Substance Storage Container Database
CERS TANKS ---- California Environmental Reporting System (CERS) Tanks
CA FID UST ---- Facility Inventory Database

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information
DEED ---- Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
FTTS ---- FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
HIST FTTS ---- FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees

EXECUTIVE SUMMARY

INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
MINES MRDS	Mineral Resources Data System
FINDS	Facility Index System/Facility Registry System
UXO	Unexploded Ordnance Sites
ECHO	Enforcement & Compliance History Information
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
PFAS NPL	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES	Federal Sites PFAS Information
PFAS TSCA	PFAS Manufacture and Imports Information
PFAS TRIS	List of PFAS Added to the TRI
PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR	PFAS Contamination Site Location Listing
PFAS WQP	Ambient Environmental Sampling for PFAS
PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS NPDES	Clean Water Act Discharge Monitoring Information
PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN	Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing
BIOSOLIDS	ICIS-NPDES Biosolids Facility Data
UST FINDER RELEASE	UST Finder Releases Database
UST FINDER	UST Finder Database
E MANIFEST	Hazardous Waste Electronic Manifest System
PFAS	PFAS Investigation Site Location Listing
AQUEOUS FOAM	Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CHROME PLATING	Chrome Plating Facilities Listing
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
ICE	Inspection, Compliance and Enforcement
HIST CORTESE	Hazardous Waste & Substance Site List
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
HWTS	Hazardous Waste Tracking System
HAZNET	Facility and Manifest Data
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
Notify 65	Proposition 65 Records
HAZMAT	Hazardous Material Facilities
UIC	UIC Listing
UIC GEO	UIC GEO (GEOTRACKER)
WASTEWATER PITS	Oil Wastewater Pits Listing

WDS Waste Discharge System
WIP Well Investigation Program Case List
MILITARY PRIV SITES MILITARY PRIV SITES (GEOTRACKER)
PROJECT PROJECT (GEOTRACKER)
WDR Waste Discharge Requirements Listing
CERS CERS
NON-CASE INFO NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP EDR Proprietary Manufactured Gas Plants
EDR Hist Auto EDR Exclusive Historical Auto Stations
EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF Recovered Government Archive Solid Waste Facilities List
RGA LUST Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to,

identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 01/21/2025 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HIGH SCHOOL NO. 3 Facility Id: 33010072 Status: No Further Action	***BRIGGS ROAD/PINACATE***	***SSW 1/2 - 1 (0.949 mi.)***	***3***	***12***

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 02/17/2025 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
24710 ROCKY PEAK RD EPA ID:: CAC003013091	24710 ROCKY PEAK RD	ENE 1/8 - 1/4 (0.220 mi.)	2	10

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 02/03/2025 has revealed that there is 1 NPDES site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MT VISTA Facility Status: Terminated	***NORTHEAST SIDE OF MA***	***0 - 1/8 (0.000 mi.)***	***1***	***9***

CIWQS: The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

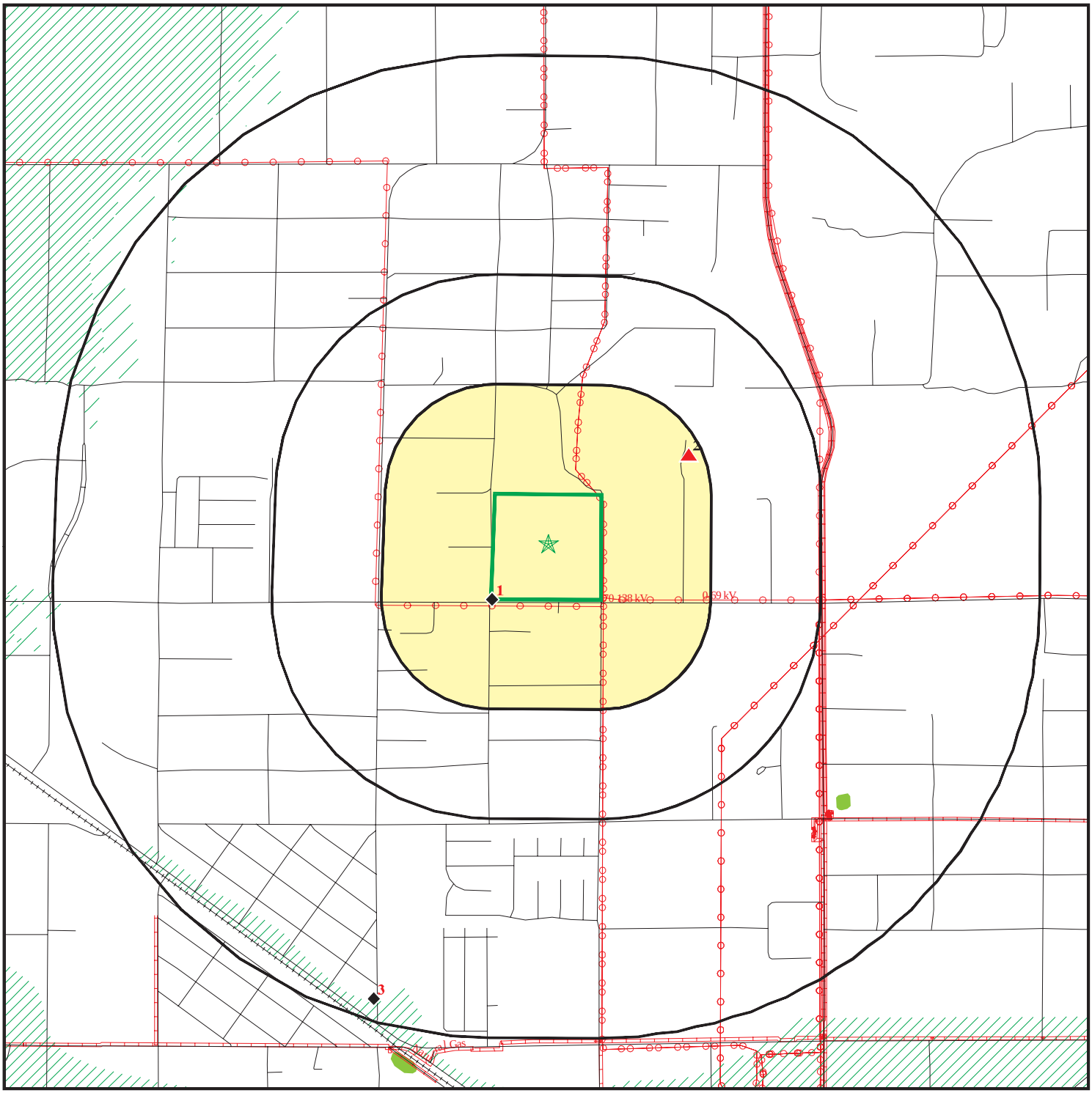
A review of the CIWQS list, as provided by EDR, and dated 05/06/2025 has revealed that there is 1 CIWQS site within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MT VISTA	***NORTHEAST SIDE OF MA***	***0 - 1/8 (0.000 mi.)***	***1***	***9***

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 8001728.2S



0 1/4 1/2 1 Miles

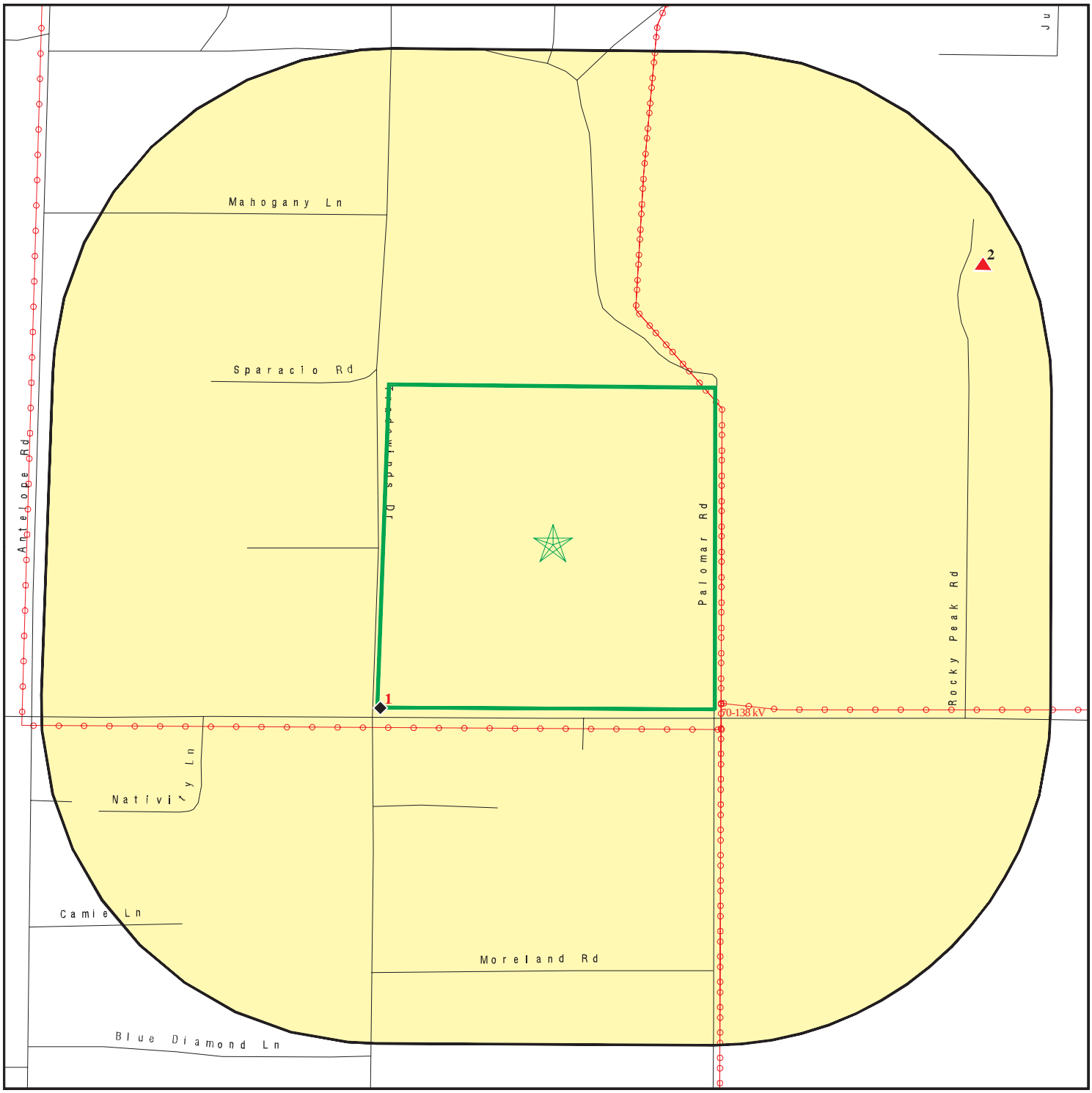
- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Mapes and Tradewinds ADDRESS: Mapes and Tradewinds Sun City CA 92585 LAT/LONG: 33.759529 / 117.164987	CLIENT: Thornburgh Consulting, Inc. CONTACT: Stephen Krummlett INQUIRY #: 8001728.2s DATE: May 29, 2025 12:26 pm

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DETAIL MAP - 8001728.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites

0 1/16 1/8 1/4 Miles

- Indian Reservations BIA
- Power transmission lines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Mapes and Tradewinds	CLIENT: Thornburgh Consulting, Inc.
ADDRESS: Mapes and Tradewinds Sun City CA 92585	CONTACT: Stephen Krummlett
LAT/LONG: 33.759529 / 117.164987	INQUIRY #: 8001728.2s DATE: May 29, 2025 12:29 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	0	1	NR	1
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
UST FINDER RELEASE	0.500		0	0	0	NR	NR	0
UST FINDER	0.250		0	0	NR	NR	NR	0
E MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	0	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWTS	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		0	NR	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		1	NR	NR	NR	NR	1
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001		1	NR	NR	NR	NR	1
CERS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	2	1	0	1	0	4

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1 **MT VISTA** **NPDES** **S125494970**
NORTHEAST SIDE OF MAPES RD & TRAIL WINDS DR **CIWQS** **N/A**
< 1/8 **ROMOLAND, CA 92585**
1 ft.

Relative:
Lower

Actual:
1472 ft.

NPDES:

Name:	MT VISTA
Address:	NORTHEAST SIDE OF MAPES RD & TRAIL WINDS DR
City,State,Zip:	ROMOLAND, CA 92585
Facility Status:	Terminated
NPDES Number:	CAS000002
Region:	8
Agency Number:	0
Regulatory Measure ID:	513812
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	8 33C389147
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/13/2020
Termination Date Of Regulatory Measure:	04/03/2023
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1505 South D Street
Discharge Name:	Watermarke Homes LLC
Discharge City:	San Bernardino
Discharge State:	California
Discharge Zip:	92408
Status:	Not reported
Status Date:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported

CIWQS:

Name:	Mt Vista
Address:	NORTHEAST SIDE OF MAPES RD & TRAIL WINDS DR
City,State,Zip:	ROMOLAND, CA 92585
Agency:	Watermarke Homes LLC
Agency Address:	1505 South D Street Suite 200, San Bernardino, CA 92408
Place/Project Type:	Construction - Residential
SIC/NAICS:	Not reported
Region:	8
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	8 33C389147
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	01/13/2020
Termination Date:	04/03/2023
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported

MT VISTA (Continued) **S125494970**

Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 33.75774
Longitude: -117.16722

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2 **24710 ROCKY PEAK RD** **RCRA NonGen / NLR** **1025833514**
ENE **24710 ROCKY PEAK RD** **CAC003013091**
1/8-1/4 **ROMOLAND, CA 92585**
0.220 mi.
1159 ft.

Relative: **Higher**
Actual: **1556 ft.**

RCRA Listings:

Date Form Received by Agency:		20190502
Handler Name:		24710 Rocky Peak Rd
Handler Address:		24710 Rocky Peak Rd
Handler City,State,Zip:		ROMOLAND, CA 92585
EPA ID:		CAC003013091
Contact Name:		DANIEL WEINER
Contact Address:		24710 ROCKY PEAK RD
Contact City,State,Zip:		ROMOLAND, CA 92585
Contact Telephone:		951-663-6920
Contact Fax:		Not reported
Contact Email:		SHELBY119H@YAHOO.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		24710 ROCKY PEAK RD
Mailing City,State,Zip:		ROMOLAND_33_4, CA 92585
Owner Name:	Daniel Weiner	
Owner Type:		Other
Operator Name:	Daniel Weiner	
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline

24710 ROCKY PEAK RD (Continued) **1025833514**

202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20241211
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: DANIEL WEINER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	24710 ROCKY PEAK RD
Owner/Operator City,State,Zip:	ROMOLAND, CA 92585
Owner/Operator Telephone:	951-663-6920
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: DANIEL WEINER	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	24710 ROCKY PEAK RD
Owner/Operator City,State,Zip:	ROMOLAND, CA 92585
Owner/Operator Telephone:	951-663-6920
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20190502
Handler Name: 24710 ROCKY PEAK RD	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

24710 ROCKY PEAK RD (Continued) **1025833514**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: All Other Waste Management Services

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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3 SSW 1/2-1 0.949 mi. 5012 ft. **HIGH SCHOOL NO. 3** **ENVIROSTOR** **S105840774**
BRIGGS ROAD/PINACATE ROAD **SCH** **N/A**
ROMOLAND, CA 92585

Relative: Lower
Actual: 1448 ft.

ENVIROSTOR:
Name: HIGH SCHOOL NO. 3
Address: BRIGGS ROAD/PINACATE ROAD
City,State,Zip: ROMOLAND, CA 92585
Facility ID: 33010072
Status: No Further Action
Status Date: 03/19/2003
Site Code: 404438
Site Type: School Investigation
Site Type Detailed: School
Acres: 60
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: DTSC
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 63
Senate: 31
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.74451
Longitude: -117.1718
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Aldrin Chlordane DDD DDE DDT Dieldrin Endosulfan Endrin HCH (alpha HCH (beta HCH (gamma) Lindane HCH-technical Heptachlor Heptachlor epoxide Mirex Toxaphene TPH-diesel TPH-gas PCBs (unspeciated mixture, high risk, e.g. Aroclor 1254 PCBs (unspeciated mixture, low risk, e.g. Aroclor 1016 Polybrominated biphenyls Polychlorinated biphenyls (PCBs Polychlorinated biphenyls (PCBs, see IRIS Polynuclear aromatic

HIGH SCHOOL NO. 3 (Continued) **S105840774**

hydrocarbons (PAHs
Confirmed COC: 30004-NO 30006-NO 30007-NO 30008-NO 30010-NO 30019-NO 30024-NO 30025-NO 30468-NO 30470-NO 30309-NO 30313-NO 30314-NO 30315-NO 30316-NO 30207-NO 30467-NO 30469-NO 30400-NO 30261-NO 30043-NO 30308-NO 30018-NO 30023-NO
Potential Description: SOIL
Alias Name: AGRI-EMPIRE
Alias Type: Alternate Name
Alias Name: HIGH SCHOOL NO. 3
Alias Type: Alternate Name
Alias Name: PERRIS UNION HIGH SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: PERRIS UNION HSD-PROPOSED HIGH SCHOOL #3
Alias Type: Alternate Name
Alias Name: 404438
Alias Type: Project Code (Site Code)
Alias Name: 33010072
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 03/02/2003
Comments: Phase 1 Draft

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/12/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/19/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 09/15/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 12/29/2003
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported

HIGH SCHOOL NO. 3 (Continued) **S105840774**

Schedule Revised Date: Not reported

SCH:

Name:	HIGH SCHOOL NO. 3
Address:	BRIGGS ROAD/PINACATE ROAD
City,State,Zip:	ROMOLAND, CA 92585
Facility ID:	33010072
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	60
National Priorities List:	NO
Cleanup Oversight Agencies:	DTSC
Lead Agency:	DTSC
Lead Agency Description:	* DTSC
Project Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404438
Assembly:	63
Senate:	31
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	03/19/2003
Restricted Use:	NO
Funding:	School District
Latitude:	33.74451
Longitude:	-117.1718
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Aldrin, Chlordane, DDD, DDE, DDT, Dieldrin, Endosulfan, Endrin, HCH (alpha, HCH (beta, HCH (gamma) Lindane, HCH-technical, Heptachlor, Heptachlor epoxide, Mirex, Toxaphene, TPH-diesel, TPH-gas, PCBs (unspeciated mixture, high risk, e.g. Aroclor 1254, PCBs (unspeciated mixture, low risk, e.g. Aroclor 1016, Polybrominated biphenyls, Polychlorinated biphenyls (PCBs, Polychlorinated biphenyls (PCBs, see IRIS, Polynuclear aromatic hydrocarbons (PAHs
Confirmed COC:	30004-NO, 30006-NO, 30007-NO, 30008-NO, 30010-NO, 30019-NO, 30024-NO, 30025-NO, 30468-NO, 30470-NO, 30309-NO, 30313-NO, 30314-NO, 30315-NO, 30316-NO, 30207-NO, 30467-NO, 30469-NO, 30400-NO, 30261-NO, 30043-NO, 30308-NO, 30018-NO, 30023-NO
Potential Description:	SOIL
Alias Name:	AGRI-EMPIRE
Alias Type:	Alternate Name
Alias Name:	HIGH SCHOOL NO. 3
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HIGH SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	PERRIS UNION HSD-PROPOSED HIGH SCHOOL #3
Alias Type:	Alternate Name
Alias Name:	404438
Alias Type:	Project Code (Site Code)
Alias Name:	33010072
Alias Type:	Envirostor ID Number

Completed Info:

HIGH SCHOOL NO. 3 (Continued) **S105840774**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	03/02/2003
Comments:	Phase 1 Draft

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	01/12/2005
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	03/19/2003
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	09/15/2004
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Workplan
Completed Date:	12/29/2003
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/20/2024
Date Data Arrived at EDR: 12/18/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 2

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates 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 the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The 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 potential NPL site.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/11/2024
Date Data Arrived at EDR: 11/25/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 85

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 04/30/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/29/2025
Date Data Arrived at EDR: 02/18/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 12/02/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/29/2025
Date Data Arrived at EDR: 02/18/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/03/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 69

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 01/21/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 71

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/22/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 01/21/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 71

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/22/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/18/2025
Number of Days to Update: 73

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/06/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)
Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2
Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 01/07/2025
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 01/07/2025
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)
Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 04/08/2025
Date Data Arrived at EDR: 04/23/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 1
Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/26/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 79
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 05/13/2025
Date Data Arrived at EDR: 05/22/2025
Date Made Active in Reports: 05/27/2025
Number of Days to Update: 5

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/05/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/08/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 01/07/2025
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/18/2024
Date Data Arrived at EDR: 01/16/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 81

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 01/21/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 71

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/22/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 12/11/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 03/03/2025
Number of Days to Update: 82

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

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 takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 79

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 02/11/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 75

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 04/30/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/21/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/30/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 02/20/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 68

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 01/21/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 71

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 04/22/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 03/21/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

CERS HAZ WASTE: California Environmental Reporting System Hazardous Waste

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 01/12/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 73

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site 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. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 02/20/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 68

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 01/28/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 04/15/2025
Number of Days to Update: 76

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

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.

Date of Government Version: 01/12/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 73

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/20/2025
Date Data Arrived at EDR: 02/21/2025
Date Made Active in Reports: 05/07/2025
Number of Days to Update: 75

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The 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 deed restrictions that are active. Some sites have multiple deed restrictions. The 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.

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/25/2025
Date Made Active in Reports: 05/07/2025
Number of Days to Update: 71

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 05/23/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/10/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 02/27/2025
Number of Days to Update: 78

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 73

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/18/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/30/2025
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 72

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/13/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/08/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/03/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/08/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/06/2025
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA Watch List

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 04/28/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/10/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 7

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/15/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/13/2025
Date Data Arrived at EDR: 01/15/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/25/2025
Date Data Arrived at EDR: 05/01/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 06/09/2025
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/01/2025
Date Data Arrived at EDR: 01/17/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/10/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 02/26/2025
Date Data Arrived at EDR: 03/03/2025
Date Made Active in Reports: 04/07/2025
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 100

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/03/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/26/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/12/2024
Date Data Arrived at EDR: 10/17/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 33
Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 04/10/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/20/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/10/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/21/2025
Number of Days to Update: 89

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/22/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 01/27/2025
Date Made Active in Reports: 04/21/2025
Number of Days to Update: 84

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/26/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/07/2025
Number of Days to Update: 16

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/01/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 02/12/2025
Date Data Arrived at EDR: 02/12/2025
Date Made Active in Reports: 02/27/2025
Number of Days to Update: 15

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/15/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/27/2025
Date Data Arrived at EDR: 04/01/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/01/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100
Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 02/19/2025
Date Data Arrived at EDR: 02/21/2025
Date Made Active in Reports: 03/20/2025
Number of Days to Update: 27
Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Quarterly

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/18/2025
Date Made Active in Reports: 03/20/2025
Number of Days to Update: 30
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/02/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 50
Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97
Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 06/04/2024
Date Data Arrived at EDR: 11/22/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 88
Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 05/22/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by 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 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.

Date of Government Version: 12/10/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 02/18/2025
Number of Days to Update: 69

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 05/28/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 04/22/2025
Date Data Arrived at EDR: 05/05/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 16

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 05/05/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/03/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 12/21/2024
Date Data Arrived at EDR: 12/27/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/13/2025
Date Data Arrived at EDR: 02/13/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 75

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/13/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 03/31/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/31/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

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. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 03/31/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 03/07/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

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 VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/23/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 04/17/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less 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. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 03/06/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 49

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) 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. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. 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.

Date of Government Version: 03/24/2025
Date Data Arrived at EDR: 04/02/2025
Date Made Active in Reports: 04/29/2025
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: No Update Planned

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29
Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data
The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 01/12/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/20/2025
Number of Days to Update: 65
Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database
US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79
Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Semi-Annually

UST FINDER: UST Finder Database
EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106
Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 05/08/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Varies

E MANIFEST: Hazardous Waste Electronic Manifest System
EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 02/17/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 03/14/2025
Number of Days to Update: 23
Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing
A listing of PFAS sites included in the Envirostor and GeoTracker databases. Locations of potential sources of per - and polyfluoroalkyl substances (PFAS). This does not mean that PFAS has been produced, used, or discharged at these sites.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHROME PLATING: Chrome Plating Facilities Listing

This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/11/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 03/04/2025
Number of Days to Update: 83

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

CUPA LIV-PLE: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 09/19/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 87

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/08/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Varies

DRYCLEAN N COAST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473
Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468
Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75
Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN N SIERRA: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75
Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 05/05/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTERY BAY: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/26/2024
Number of Days to Update: 76
Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77
Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN VENTURA: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/14/2024
Number of Days to Update: 78
Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 02/20/2025
Date Data Arrived at EDR: 02/26/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 30
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Annually

DRYCLEAN CALAVERAS: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412
Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN BAY AREA: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432
Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 02/19/2025
Date Made Active in Reports: 05/02/2025
Number of Days to Update: 72
Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

DRYCLEAN PLACER: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89
Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 01/03/2024
Date Data Arrived at EDR: 01/04/2024
Date Made Active in Reports: 03/20/2024
Number of Days to Update: 76

Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 10/02/2024
Date Data Arrived at EDR: 10/03/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 78

Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69

Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDOCINO: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 09/03/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 71

Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 77

Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN LAKE: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 02/15/2024
Date Data Arrived at EDR: 02/16/2024
Date Made Active in Reports: 05/02/2024
Number of Days to Update: 76

Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/26/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 72

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List

Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 01/26/2024
Date Made Active in Reports: 04/16/2024
Number of Days to Update: 81

Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 04/24/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

DRYCLEAN N SONOMA: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 08/23/2024
Date Data Arrived at EDR: 08/26/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 71

Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/29/2024
Date Data Arrived at EDR: 11/07/2024
Date Made Active in Reports: 11/22/2024
Number of Days to Update: 15

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Varies

DRYCLEAN FEATHER RVR: Feather River Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88

Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE: Butte County Air Quality Management DistrictDrycleaner Facility Listing

Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 09/10/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/25/2024
Number of Days to Update: 75

Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SHASTA: Shasta County Air Quality Management District District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 08/29/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69

Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GLENN: Glenn County Air Pollution Control District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 77

Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQUIN: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 05/02/2025
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 03/11/2025
Date Made Active in Reports: 05/23/2025
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/11/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 01/13/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 73

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

FIN ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 01/09/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 73

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

FIN ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 01/31/2025
Date Data Arrived at EDR: 02/13/2025
Date Made Active in Reports: 05/05/2025
Number of Days to Update: 81

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 04/30/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/10/2025
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 04/28/2025
Number of Days to Update: 76

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/13/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/10/2025
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 04/28/2025
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/13/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 12/27/2024
Date Data Arrived at EDR: 12/27/2024
Date Made Active in Reports: 03/13/2025
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/01/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Quarterly

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/19/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 03/31/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2024
Date Data Arrived at EDR: 01/03/2025
Date Made Active in Reports: 03/19/2025
Number of Days to Update: 75

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/01/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Annually

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/21/2025
Number of Days to Update: 78
Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 01/02/2025
Date Data Arrived at EDR: 02/25/2025
Date Made Active in Reports: 05/07/2025
Number of Days to Update: 71
Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 05/23/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 02/03/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/18/2025
Number of Days to Update: 73
Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/06/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/25/2025
Date Made Active in Reports: 05/07/2025
Number of Days to Update: 71
Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 05/23/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 79
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 03/05/2025
Date Data Arrived at EDR: 03/06/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 77
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/05/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Annually

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 02/27/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 79
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/03/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9
Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing
In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 03/03/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/23/2025
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System
The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 05/06/2025
Date Data Arrived at EDR: 05/06/2025
Date Made Active in Reports: 05/07/2025
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 05/06/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data
The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 01/12/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 73

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/24/2025
Date Made Active in Reports: 02/26/2025
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 02/24/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/26/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 12/26/2023
Date Made Active in Reports: 03/19/2024
Number of Days to Update: 84

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 03/26/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 03/26/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/16/2024
Date Data Arrived at EDR: 12/18/2024
Date Made Active in Reports: 03/05/2025
Number of Days to Update: 77

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 01/16/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 71

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/05/2025
Date Data Arrived at EDR: 02/12/2025
Date Made Active in Reports: 05/02/2025
Number of Days to Update: 79

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 01/09/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 73

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 2

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 2

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 01/28/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 04/15/2025
Number of Days to Update: 76

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 03/05/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/21/2025
Date Data Arrived at EDR: 01/23/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 70

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/06/2025
Date Data Arrived at EDR: 01/07/2025
Date Made Active in Reports: 03/19/2025
Number of Days to Update: 71

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/08/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 10/03/2024
Date Made Active in Reports: 12/17/2024
Number of Days to Update: 75
Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 05/14/2024
Date Data Arrived at EDR: 07/09/2024
Date Made Active in Reports: 09/27/2024
Number of Days to Update: 80
Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 04/10/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 12/03/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 03/04/2025
Number of Days to Update: 83
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 12/03/2024
Date Data Arrived at EDR: 12/11/2024
Date Made Active in Reports: 03/04/2025
Number of Days to Update: 83
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/18/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation LA County List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 09/26/2024
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 73
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/17/2024
Date Made Active in Reports: 01/07/2025
Number of Days to Update: 82

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/08/2024
Date Data Arrived at EDR: 10/09/2024
Date Made Active in Reports: 10/31/2024
Number of Days to Update: 22

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 01/10/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 02/20/2025
Number of Days to Update: 37

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/27/2025
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 7

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups Orange County
Petroleum and non-petroleum spills.

Date of Government Version: 02/05/2025
Date Data Arrived at EDR: 02/06/2025
Date Made Active in Reports: 04/28/2025
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/05/2025
Date Data Arrived at EDR: 02/06/2025
Date Made Active in Reports: 04/28/2025
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/05/2025
Date Data Arrived at EDR: 02/06/2025
Date Made Active in Reports: 03/14/2025
Number of Days to Update: 36

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 02/20/2025
Date Data Arrived at EDR: 02/21/2025
Date Made Active in Reports: 05/07/2025
Number of Days to Update: 75

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/11/2024
Date Data Arrived at EDR: 06/12/2024
Date Made Active in Reports: 06/27/2024
Number of Days to Update: 15

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/05/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 03/06/2025
Date Data Arrived at EDR: 03/07/2025
Date Made Active in Reports: 05/22/2025
Number of Days to Update: 76

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/05/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 01/30/2025
Date Data Arrived at EDR: 01/31/2025
Date Made Active in Reports: 04/18/2025
Number of Days to Update: 77

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 12/12/2024
Date Data Arrived at EDR: 12/16/2024
Date Made Active in Reports: 03/05/2025
Number of Days to Update: 79

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/28/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 02/24/2025
Date Data Arrived at EDR: 02/25/2025
Date Made Active in Reports: 05/07/2025
Number of Days to Update: 71

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 05/23/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 01/15/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 72

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 09/08/2025
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 01/28/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 04/16/2025
Number of Days to Update: 77

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 01/28/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 04/16/2025
Number of Days to Update: 77

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing

A listing of properties that fall within a Maher Ordinance, for all of San Francisco. The Maher Ordinance requires San Francisco Department of Public Health (DPH) oversight for the characterization and mitigation of hazardous substances found in soil, soil vapor, and groundwater in areas designated within the Maher map. The Maher map includes areas with current or historical industrial use or zoning; areas within 100 feet of current or historical underground tanks; filled former Bay, marsh, or creek areas; or areas within 150 feet of a current or former elevated highway. City of San Francisco Planning.

Date of Government Version: 01/12/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 04/02/2025
Number of Days to Update: 78

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 04/15/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/05/2025
Next Scheduled EDR Contact: 06/23/2025
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List

Cupa Facility List.

Date of Government Version: 02/06/2025
Date Data Arrived at EDR: 02/11/2025
Date Made Active in Reports: 04/28/2025
Number of Days to Update: 76

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 05/28/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 05/28/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 02/14/2025
Date Data Arrived at EDR: 02/18/2025
Date Made Active in Reports: 05/02/2025
Number of Days to Update: 73

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

SITE MIT SANTA CRUZ: Site Mitigation Santa Cruz County List
Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20

Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/12/2025
Next Scheduled EDR Contact: 06/30/2025
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 04/02/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 11/05/2024
Date Data Arrived at EDR: 11/20/2024
Date Made Active in Reports: 02/13/2025
Number of Days to Update: 85

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 05/14/2025
Next Scheduled EDR Contact: 09/01/2025
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 02/11/2025
Date Data Arrived at EDR: 02/12/2025
Date Made Active in Reports: 05/02/2025
Number of Days to Update: 79

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/20/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 01/09/2025
Date Data Arrived at EDR: 01/14/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 73

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 04/23/2025
Next Scheduled EDR Contact: 08/11/2025
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/09/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 11/21/2024
Date Data Arrived at EDR: 01/21/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 72

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/11/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/30/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 04/01/2025
Date Data Arrived at EDR: 04/09/2025
Date Made Active in Reports: 04/23/2025
Number of Days to Update: 14
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/03/2025
Next Scheduled EDR Contact: 07/28/2025
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 03/04/2025
Date Made Active in Reports: 05/23/2025
Number of Days to Update: 80
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/04/2025
Next Scheduled EDR Contact: 06/16/2025
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/19/2025
Date Data Arrived at EDR: 03/25/2025
Date Made Active in Reports: 03/28/2025
Number of Days to Update: 3
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/19/2025
Next Scheduled EDR Contact: 07/07/2025
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/17/2025
Date Data Arrived at EDR: 01/22/2025
Date Made Active in Reports: 04/03/2025
Number of Days to Update: 71
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 04/16/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 02/02/2025
Date Data Arrived at EDR: 02/04/2025
Date Made Active in Reports: 04/24/2025
Number of Days to Update: 79
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/06/2025
Next Scheduled EDR Contact: 08/18/2025
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/27/2025
Next Scheduled EDR Contact: 07/14/2025
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/24/2025
Next Scheduled EDR Contact: 08/04/2025
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/03/2025
Next Scheduled EDR Contact: 07/21/2025
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/07/2025
Next Scheduled EDR Contact: 08/25/2025
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 05/28/2025
Next Scheduled EDR Contact: 09/15/2025
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MAPES AND TRADEWINDS
MAPES AND TRADEWINDS
SUN CITY, CA 92585

TARGET PROPERTY COORDINATES

Latitude (North):	33.759529 - 33° 45' 34.30''
Longitude (West):	117.164987 - 117° 9' 53.95''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	484720.7
UTM Y (Meters):	3735312.0
Elevation:	1482 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50004729 PERRIS, CA
Version Date:	2021
South Map:	50005839 ROMOLAND, CA
Version Date:	2022

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

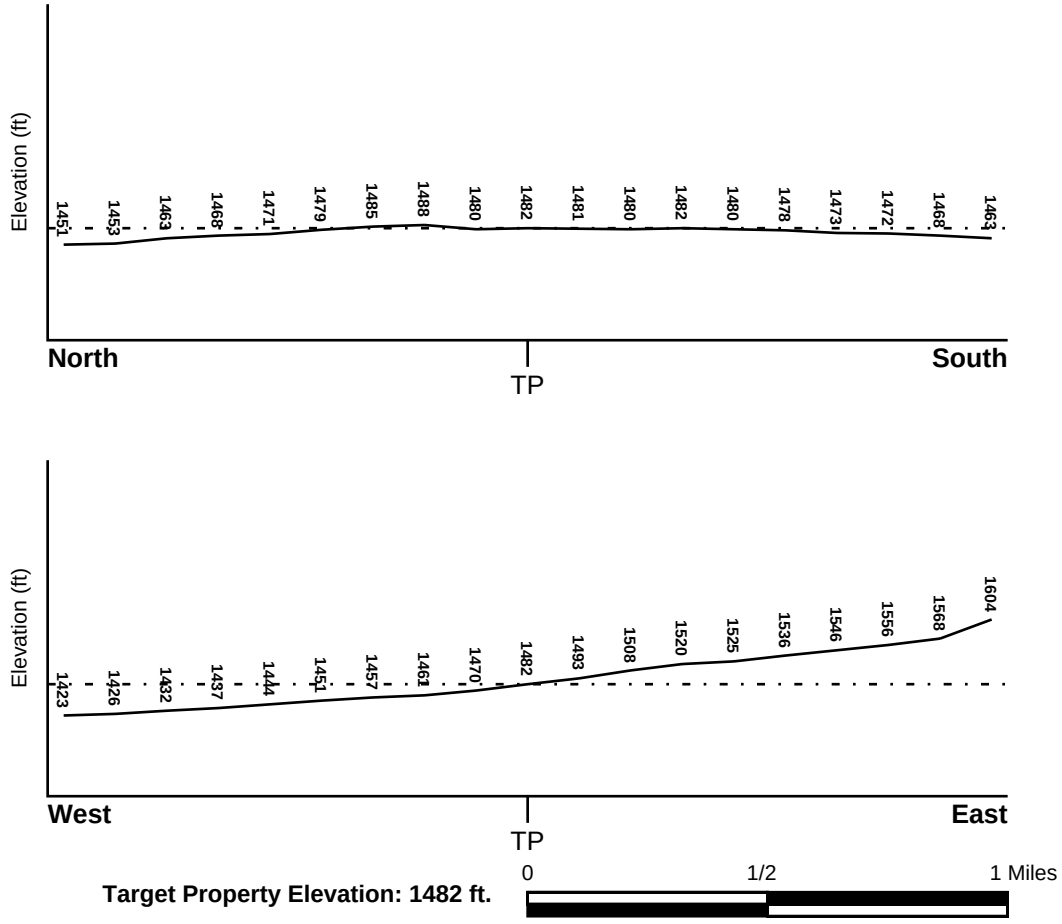
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06065C1445H	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06065C2060H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
NOT AVAILABLE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

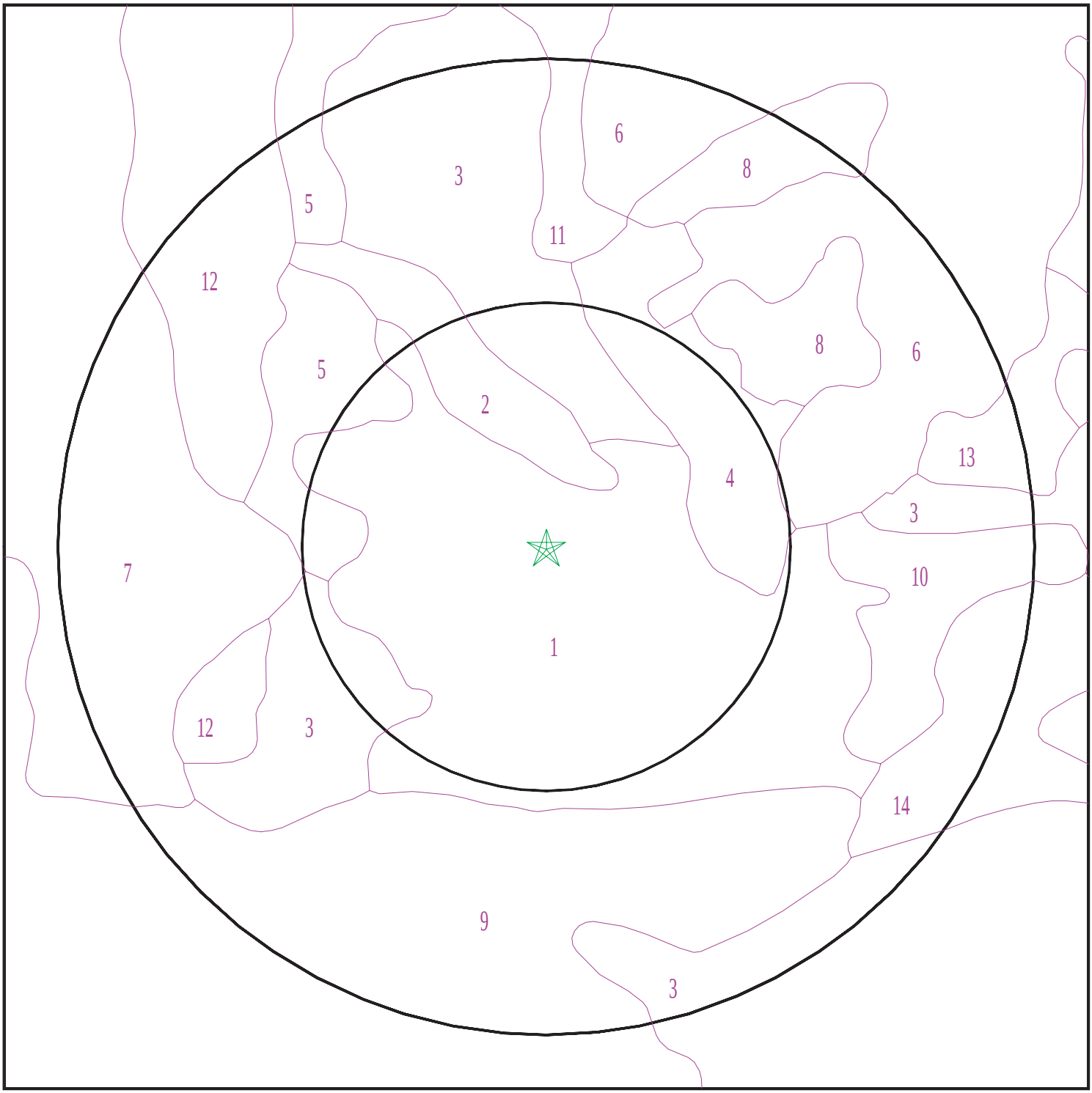
Era:	Mesozoic
System:	Cretaceous
Series:	Cretaceous granitic rocks
Code:	Kg *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 8001728.2s



★ Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Mapes and Tradewinds	CLIENT:	Thornburgh Consulting, Inc.
ADDRESS:	Mapes and Tradewinds Sun City CA 92585	CONTACT:	Stephen Krummlett
LAT/LONG:	33.759529 / 117.164987	INQUIRY #:	8001728.2s
		DATE:	May 29, 2025 12:29 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: EXETER

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
2	16 inches	37 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	37 inches	50 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
4	50 inches	59 inches	stratified sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Map ID: 2

Soil Component Name: MONSERATE

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
2	9 inches	27 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
3	27 inches	44 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
4	44 inches	57 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
5	57 inches	70 inches	loamy coarse sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

Soil Map ID: 3

Soil Component Name: GREENFIELD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information

	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
2	25 inches	42 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
3	42 inches	59 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
4	59 inches	72 inches	stratified loamy sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

Soil Map ID: 4

Soil Component Name: FALLBROOK

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	14 inches	24 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:
3	24 inches	27 inches	weathered bedrock	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 5

Soil Component Name: EXETER

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
2	16 inches	37 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
3	37 inches	50 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4
4	50 inches	59 inches	stratified sandy loam to silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 4 Min: 1.4	Max: 8.4 Min: 7.4

Soil Map ID: 6

Soil Component Name: Cieneba

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	14 inches	22 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 7

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	14 inches	22 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	22 inches	68 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 8

Soil Component Name: HANFORD

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

Soil Map ID: 9

Soil Component Name: GREENFIELD

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	25 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
2	25 inches	42 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
3	42 inches	59 inches	loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6
4	59 inches	72 inches	stratified loamy sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6

Soil Map ID: 10

Soil Component Name: MONSERATE

Soil Surface Texture: sandy loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	9 inches	sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
2	9 inches	18 inches	sandy clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
3	18 inches	44 inches	indurated	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
4	44 inches	57 inches	cemented	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
5	57 inches	70 inches	loamy coarse sand	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

Soil Map ID: 11

Soil Component Name: VISTA

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	14 inches	24 inches	coarse sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
3	24 inches	29 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 12

Soil Component Name: RAMONA

Soil Surface Texture: sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
2	14 inches	22 inches	fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
3	22 inches	68 inches	sandy clay loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6
4	68 inches	74 inches	gravelly sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6

Soil Map ID: 13

Soil Component Name: CIENEBA

Soil Surface Texture: sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	14 inches	sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:
2	14 inches	22 inches	weathered bedrock	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	Not reported	Max: 0.42 Min: 0	Max: Min:

Soil Map ID: 14

Soil Component Name: HANFORD

Soil Surface Texture: coarse sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	7 inches	coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
2	7 inches	40 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6
3	40 inches	59 inches	stratified loamy sand to coarse sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 5.6

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	USGS40000137953	1/4 - 1/2 Mile ENE
B5	USGS40000137976	1/4 - 1/2 Mile NW
C6	USGS40000137965	1/4 - 1/2 Mile WNW
D7	USGS40000137893	1/4 - 1/2 Mile SSW
F15	USGS40000137927	1/2 - 1 Mile West

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
23	USGS40000138026	1/2 - 1 Mile North
H26	USGS40000137841	1/2 - 1 Mile SSW
I34	USGS40000138008	1/2 - 1 Mile NE
J36	USGS40000137974	1/2 - 1 Mile WNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

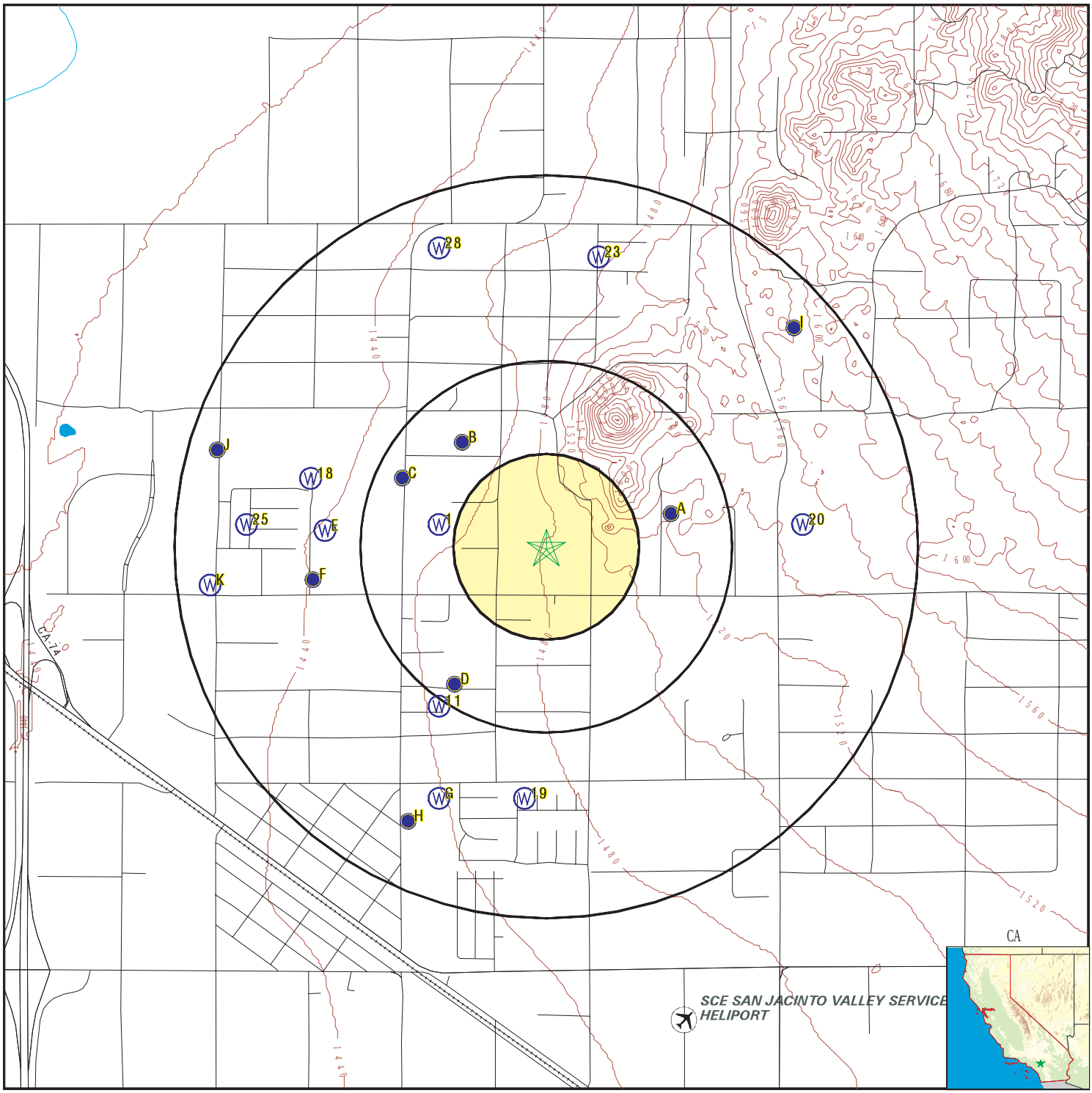
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CADWR0000025295	1/4 - 1/2 Mile WNW
A3	CAUSGSN00009859	1/4 - 1/2 Mile ENE
B4	CAUSGSN00007405	1/4 - 1/2 Mile NW
D8	CAUSGSN00000735	1/4 - 1/2 Mile SSW
C9	CADWR9000005399	1/4 - 1/2 Mile WNW
D10	CADWR9000005351	1/4 - 1/2 Mile SW
11	CADWR0000027763	1/2 - 1 Mile SW
E12	CADWR0000016766	1/2 - 1 Mile West
E13	CADWR0000030136	1/2 - 1 Mile West
F14	CAUSGSN00008621	1/2 - 1 Mile West
E16	CADWR9000005391	1/2 - 1 Mile West
F17	CADWR9000005378	1/2 - 1 Mile West
18	CADWR9000005400	1/2 - 1 Mile WNW
19	CADWR0000032495	1/2 - 1 Mile South
20	CADWR0000033726	1/2 - 1 Mile East
G21	CADWR0000000215	1/2 - 1 Mile SSW
G22	CADWR0000022880	1/2 - 1 Mile SSW
H24	CADDW2000013444	1/2 - 1 Mile SSW
25	CADWR0000007383	1/2 - 1 Mile West
H27	CAUSGSN00001214	1/2 - 1 Mile SSW
28	CADWR0000011003	1/2 - 1 Mile NNW
I29	CADWR9000005420	1/2 - 1 Mile NE
J30	CADWR9000005403	1/2 - 1 Mile WNW
K31	CADDW2000000617	1/2 - 1 Mile West
K32	CAUSGSN00003820	1/2 - 1 Mile West
K33	CAUSGS000001746	1/2 - 1 Mile West
J35	CAUSGSN00004427	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 8001728.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Mapes and Tradewinds	CLIENT:	Thornburgh Consulting, Inc.
ADDRESS:	Mapes and Tradewinds Sun City CA 92585	CONTACT:	Stephen Krummlett
LAT/LONG:	33.759529 / 117.164987	INQUIRY #:	8001728.2s
		DATE:	May 29, 2025 12:29 pm

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
WNW
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000025295**

Well ID:	05S03W02N001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W02N001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W02N001S&store_num=		
GeoTracker Data:	Not Reported		

A2
ENE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000137953**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W02Q001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

A3
ENE
1/4 - 1/2 Mile
Higher

CA WELLS **CAUSGSN00009859**

Well ID:	USGS-334539117093001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334539117093001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334539117093001&store_num=		
GeoTracker Data:	Not Reported		

B4
NW
1/4 - 1/2 Mile
Lower

CA WELLS **CAUSGSN00007405**

Well ID:	USGS-334549117100501	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334549117100501	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334549117100501&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B5
NW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000137976**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W02M002S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19881219	Well Depth:	240
Well Depth Units:	ft	Well Hole Depth:	240
Well Hole Depth Units:	ft		

C6
WNW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000137965**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W02M001S	Type:	Well
Description:	ORIG DEPTH 300 SOUNDED DEPTH 229 FT 950428		
HUC:	18070202	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	229
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	2	Level reading date:	1995-09-13
Feet below surface:	136.64	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1995-04-28	Feet below surface:	140.31
Feet to sea level:	Not Reported	Note:	Not Reported

D7
SSW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000137893**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W11D001S	Type:	Well
Description:	WELL IS LOCATED INSIDE SHED ALONGSIDE WATER TANK		
HUC:	18070202	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	198712	Well Depth:	227
Well Depth Units:	ft	Well Hole Depth:	Not Reported

Well Hole Depth Units: Not Reported

Ground water levels,Number of Measurements: 1 Level reading date: 1995-05-05
Feet below surface: 134.26 Feet to sea level: Not Reported
Note: Not Reported

D8
SSW **CA WELLS** **CAUSGSN00000735**
1/4 - 1/2 Mile
Lower

Well ID: USGS-334515117100501 Well Type: UNK
Source: United States Geological Survey
Other Name: USGS-334515117100501 GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334515117100501&store_num=
GeoTracker Data: Not Reported

C9
WNW **CA WELLS** **CADWR9000005399**
1/4 - 1/2 Mile
Lower

State Well #: 05S03W02M001S Station ID: 6300
Well Name: Not Reported Basin Name: San Jacinto
Well Use: Unknown Well Type: Unknown
Well Depth: 0 Well Completion Rpt #: Not Reported

D10
SW **CA WELLS** **CADWR9000005351**
1/4 - 1/2 Mile
Lower

State Well #: 05S03W11D001S Station ID: 6311
Well Name: Not Reported Basin Name: San Jacinto
Well Use: Unknown Well Type: Unknown
Well Depth: 0 Well Completion Rpt #: Not Reported

11
SW **CA WELLS** **CADWR0000027763**
1/2 - 1 Mile
Lower

Well ID: 05S03W11E001S Well Type: UNK
Source: Department of Water Resources
Other Name: 05S03W11E001S GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W11E001S&store_num=
GeoTracker Data: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E12
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000016766**

Well ID:	05S03W03R002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W03R002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W03R002S&store_num=		
GeoTracker Data:	Not Reported		

E13
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000030136**

Well ID:	05S03W03R001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W03R001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W03R001S&store_num=		
GeoTracker Data:	Not Reported		

F14
West
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00008621**

Well ID:	USGS-334530117103001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334530117103001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334530117103001&store_num=		
GeoTracker Data:	Not Reported		

F15
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000137927**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W03R001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1952	Well Depth:	540
Well Depth Units:	ft	Well Hole Depth:	540
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E16
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000005391**

State Well #:	Not Reported	Station ID:	48334
Well Name:	EMWD12731	Basin Name:	San Jacinto
Well Use:	Observation	Well Type:	Single Well
Well Depth:	527	Well Completion Rpt #:	Not Reported

F17
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000005378**

State Well #:	Not Reported	Station ID:	48333
Well Name:	EMWD12730	Basin Name:	San Jacinto
Well Use:	Irrigation	Well Type:	Single Well
Well Depth:	531	Well Completion Rpt #:	Not Reported

18
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000005400**

State Well #:	Not Reported	Station ID:	48332
Well Name:	EMWD12724	Basin Name:	San Jacinto
Well Use:	Irrigation	Well Type:	Single Well
Well Depth:	0	Well Completion Rpt #:	Not Reported

19
South
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000032495**

Well ID:	05S03W11L001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W11L001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W11L001S&store_num=		
GeoTracker Data:	Not Reported		

20
East
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000033726**

Well ID:	05S03W01N001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W01N001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W01N001S&store_num=		

GeoTracker Data: Not Reported

G21
SSW **CA WELLS** **CADWR0000000215**
1/2 - 1 Mile
Lower

Well ID:	05S03W11M001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W11M001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W11M001S&store_num=		
GeoTracker Data:	Not Reported		

G22
SSW **CA WELLS** **CADWR0000022880**
1/2 - 1 Mile
Lower

Well ID:	05S03W11M002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W11M002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W11M002S&store_num=		
GeoTracker Data:	Not Reported		

23
North **FED USGS** **USGS40000138026**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W02C001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19900912	Well Depth:	300
Well Depth Units:	ft	Well Hole Depth:	300
Well Hole Depth Units:	ft		

H24
SSW **CA WELLS** **CADDW2000013444**
1/2 - 1 Mile
Lower

GAMA:

Well ID:	CA3310009_074_074	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3310009-074
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3310009_074_074&store_num=		

GeoTracker Data: Not Reported

25
West **CA WELLS** **CADWR0000007383**
1/2 - 1 Mile
Lower

Well ID:	05S03W03Q002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W03Q002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W03Q002S&store_num=		
GeoTracker Data:	Not Reported		

H26
SSW **FED USGS** **USGS40000137841**
1/2 - 1 Mile
Lower

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W11M002S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	787
Well Depth Units:	ft	Well Hole Depth:	787
Well Hole Depth Units:	ft		

H27
SSW **CA WELLS** **CAUSGSN00001214**
1/2 - 1 Mile
Lower

Well ID:	USGS-334455117101401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334455117101401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334455117101401&store_num=		
GeoTracker Data:	Not Reported		

28
NNW **CA WELLS** **CADWR0000011003**
1/2 - 1 Mile
Lower

Well ID:	05S03W02D001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S03W02D001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S03W02D001S&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I29
NE
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000005420**

State Well #:	04S03W01E001S	Station ID:	28911
Well Name:	Not Reported	Basin Name:	Not Reported
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

J30
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000005403**

State Well #:	05S03W03L001S	Station ID:	6301
Well Name:	EMWD12726	Basin Name:	San Jacinto
Well Use:	Observation	Well Type:	Single Well
Well Depth:	249	Well Completion Rpt #:	Not Reported

K31
West
1/2 - 1 Mile
Lower

CA WELLS **CADDW2000000617**

GAMA:

Well ID:	CA3310009_068_068	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3310009-068
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3310009_068_068&store_num=		
GeoTracker Data:	Not Reported		

K32
West
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00003820**

Well ID:	USGS-334500117100001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334500117100001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334500117100001&store_num=		
GeoTracker Data:	Not Reported		

K33
West
1/2 - 1 Mile
Lower

CA WELLS **CAUSGS000001746**

GAMA:

Well ID:	USAWS-11	Well Type:	MUNICIPAL
Source:	United States Geological Survey		
Other Names:	USAWS-11	GAMA Pfas testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGS&samp_date=&global_id=&assigned_name=USAWS-11&store_num=		
GeoTracker Data:	Not Reported		

I34
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000138008**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S003W01E001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19900512	Well Depth:	500
Well Depth Units:	ft	Well Hole Depth:	500
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1994-10-03
Feet below surface:	67.70	Feet to sea level:	Not Reported
Note:	Not Reported		

J35
WNW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00004427**

Well ID:	USGS-334548117104701	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334548117104701	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334548117104701&store_num=		
GeoTracker Data:	Not Reported		

J36
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000137974**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S003W03L001S	Type:	Well
Description:	Not Reported	HUC:	18070202
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19930920	Well Depth:	252
Well Depth Units:	ft	Well Hole Depth:	260
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground water levels,Number of Measurements:	2	Level reading date:	1995-09-11
Feet below surface:	105.98	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1995-03-31	Feet below surface:	109.73
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92585	6	0

Federal EPA Radon Zone for RIVERSIDE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

Geothermal Wells Listing
Department of Conservation
Telephone: 916-445-9686
Geothermal well means a well constructed to extract or return water to the ground after it has been used for heating or cooling purposes. Geothermal wells in California (except for wells on federal leases which are administered by the Bureau of Land Management) are permitted, drilled, operated, and permanently sealed and closed (plugged and abandoned) under requirements and procedures administered by the Geothermal Section of the Department of Conservations Geologic Energy Management Division (CalGEM, formerly DOGGR).

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX E

HISTORICAL RECORDS

Mapes and Tradewinds

Mapes and Tradewinds

Sun City, CA 92585

Inquiry Number: 8001728.3

May 29, 2025

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

05/29/25

Site Name:

Mapes and Tradewinds
Mapes and Tradewinds
Sun City, CA 92585
EDR Inquiry # 8001728.3

Client Name:

Thornburgh Consulting, Inc.
24001 Muirlands Blvd., #242
Lake Forest, CA 92630
Contact: Stephen Krummlett

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Thornburgh Consulting, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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Certified Sanborn Results:

Certification # BECB-4216-9B39

PO # 0161

Project 0161

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.

Sanborn® Library search results

Certification #: BECB-4216-9B39

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Mapes and Tradewinds

Mapes and Tradewinds

Sun City, CA 92585

Inquiry Number: 8001728.4

May 29, 2025

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Historical Topo Map Report

05/29/25

Site Name:

Mapes and Tradewinds
Mapes and Tradewinds
Sun City, CA 92585
EDR Inquiry # 8001728.4

Client Name:

Thornburgh Consulting, Inc.
24001 Muirlands Blvd., #242
Lake Forest, CA 92630
Contact: Stephen Krummlett

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Thornburgh Consulting, Inc. were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# 0161
Project: 0161

Coordinates:

Latitude:	33.759529 33° 45' 34" North
Longitude:	-117.164987 -117° 9' 54" West
UTM Zone:	Zone 11 North
UTM X Meters:	484721.00
UTM Y Meters:	3735505.78
Elevation:	1481.13' above sea level

Maps Provided:

2022, 2021	1947
2018	1943
2015	1942
2012	1901
1979	
1973	
1967	
1953	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2022, 2021 Source Sheets



Romoland
2022
7.5-minute, 24000



Perris
2021
7.5-minute, 24000

2018 Source Sheets



Perris
2018
7.5-minute, 24000



Romoland
2018
7.5-minute, 24000

2015 Source Sheets



Perris
2015
7.5-minute, 24000

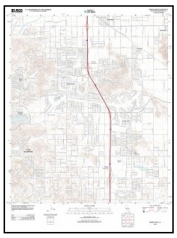


Romoland
2015
7.5-minute, 24000

2012 Source Sheets



Perris
2012
7.5-minute, 24000



Romoland
2012
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1979 Source Sheets

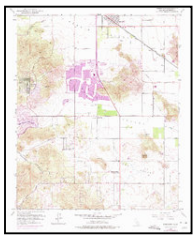


Romoland
1979
7.5-minute, 24000
Aerial Photo Revised 1976



Perris
1979
7.5-minute, 24000
Aerial Photo Revised 1978

1973 Source Sheets

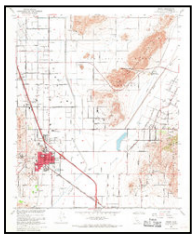


Romoland
1973
7.5-minute, 24000
Aerial Photo Revised 1973



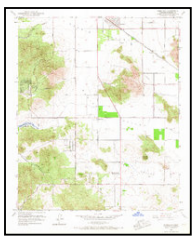
Perris
1973
7.5-minute, 24000
Aerial Photo Revised 1973

1967 Source Sheets



Perris
1967
7.5-minute, 24000
Aerial Photo Revised 1966

1953 Source Sheets



Romoland
1953
7.5-minute, 24000
Aerial Photo Revised 1951

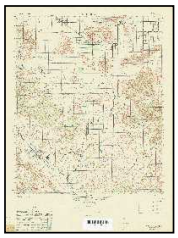


Perris
1953
7.5-minute, 24000
Aerial Photo Revised 1951

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1947 Source Sheets



MURRIETA
1947
15-minute, 50000

1943 Source Sheets



Murrieta
1943
15-minute, 62500
Aerial Photo Revised 1939



PERRIS
1943
15-minute, 62500

1942 Source Sheets



Perris
1942
15-minute, 62500
Aerial Photo Revised 1939

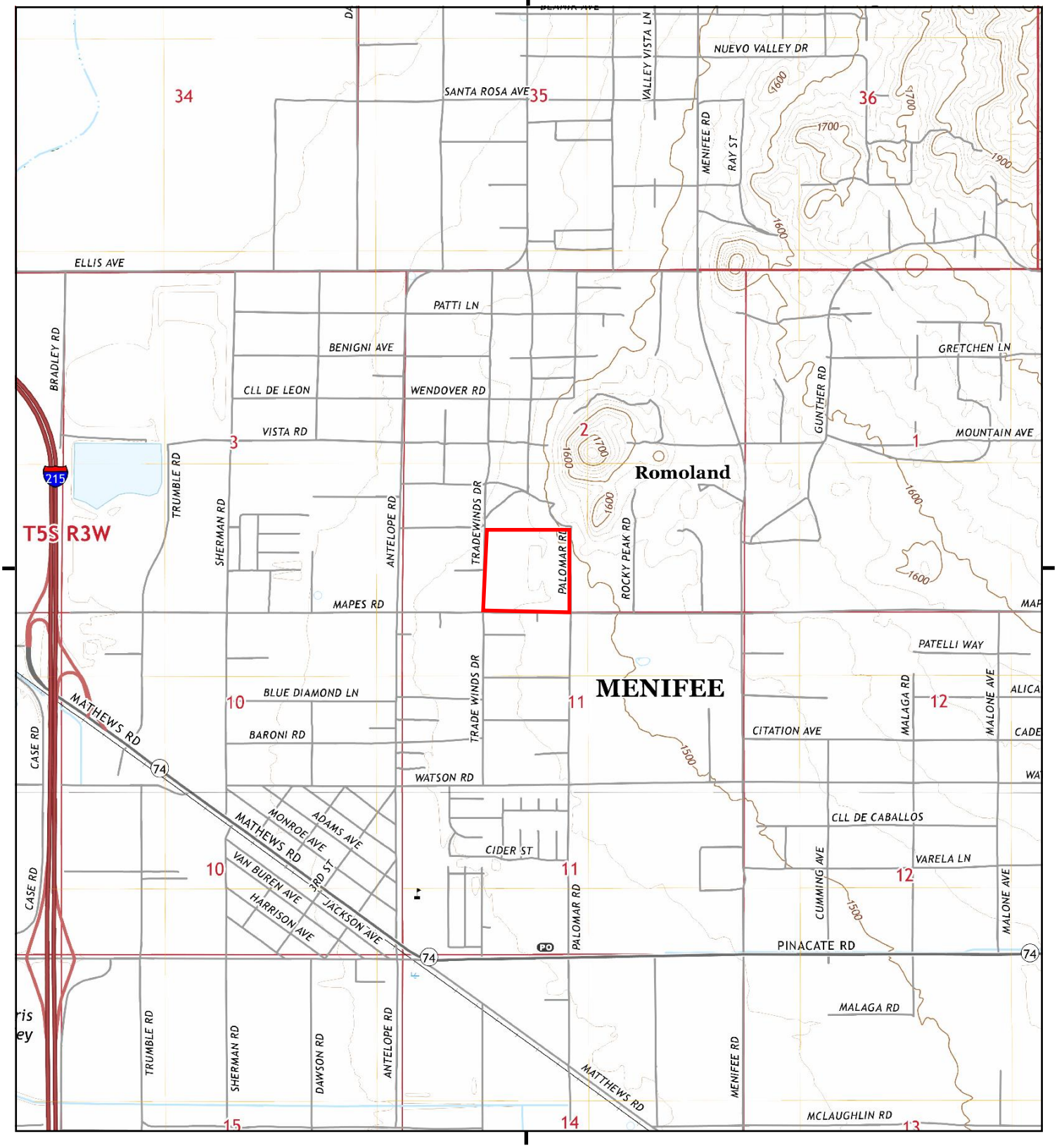


Murrieta
1942
15-minute, 62500
Aerial Photo Revised 1939

1901 Source Sheets



Elsinore
1901
30-minute, 125000



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

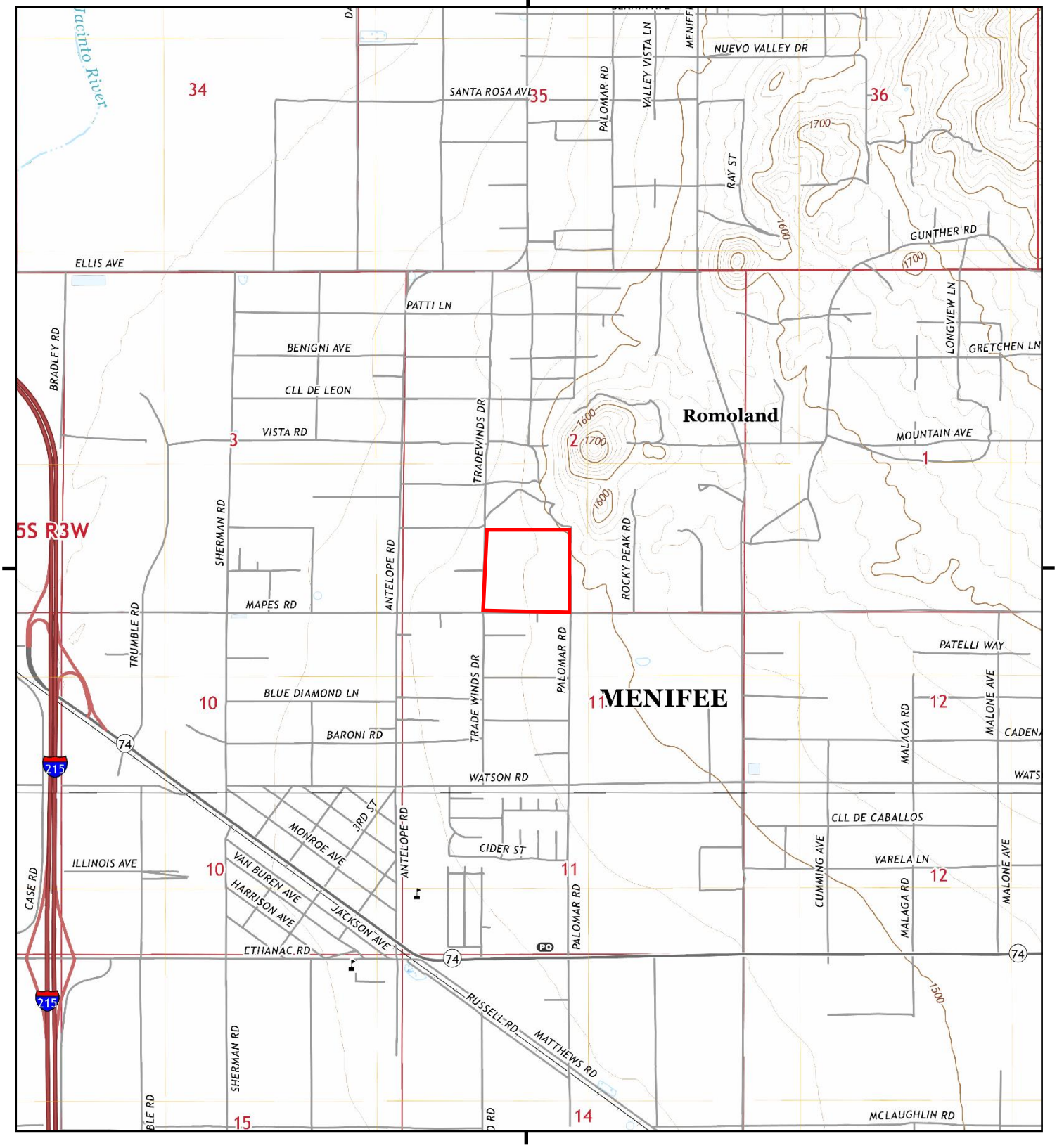
TP, Perris, 2021, 7.5-minute
S, Romoland, 2022, 7.5-minute

SITE NAME: Mapes and Tradewinds
ADDRESS: Mapes and Tradewinds
Sun City, CA 92585
CLIENT: Thornburgh Consulting, Inc.

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

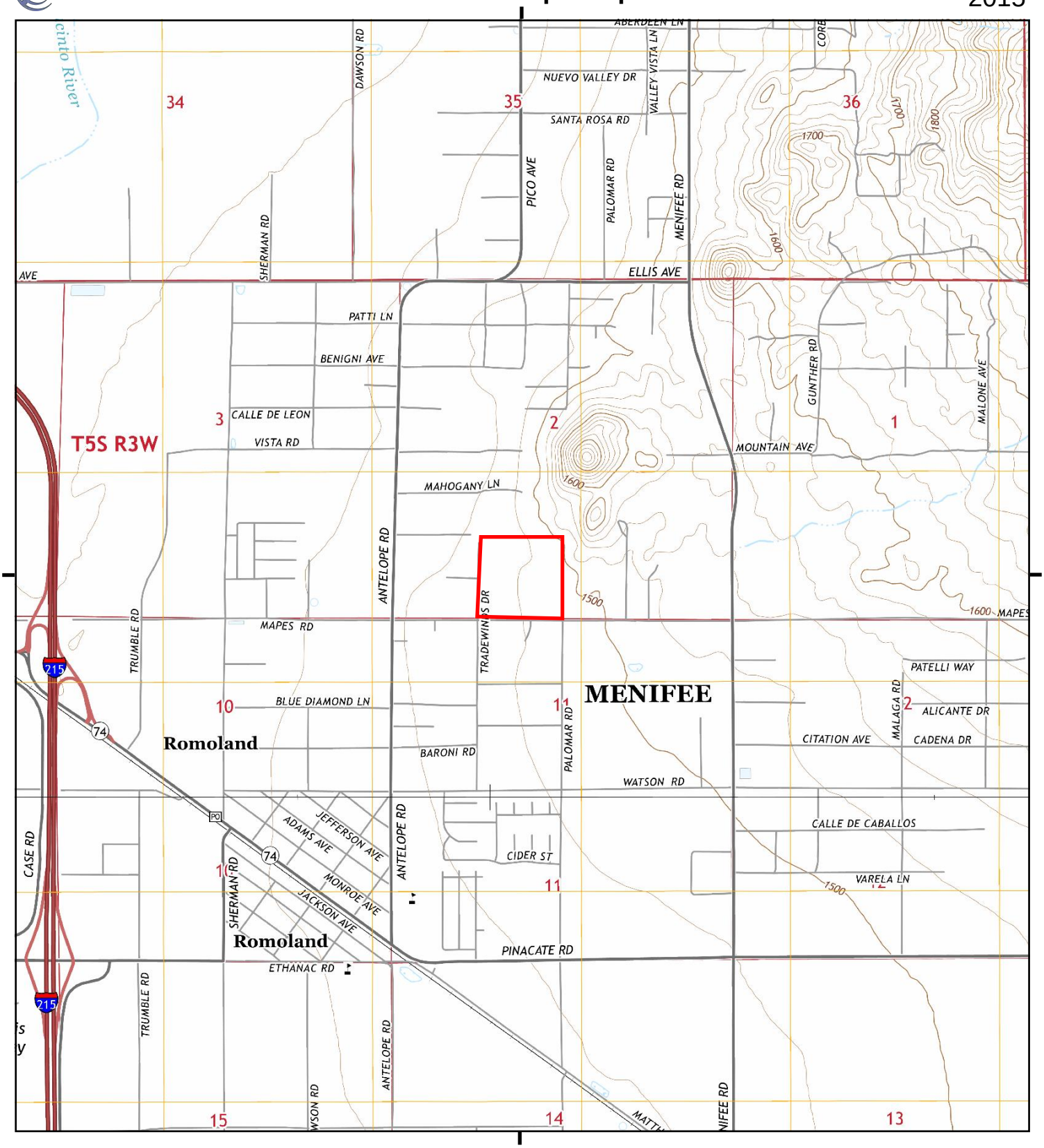
TP, Perris, 2018, 7.5-minute
S, Romoland, 2018, 7.5-minute

SITE NAME: Mapes and Tradewinds
ADDRESS: Mapes and Tradewinds
Sun City, CA 92585
CLIENT: Thornburgh Consulting, Inc.

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

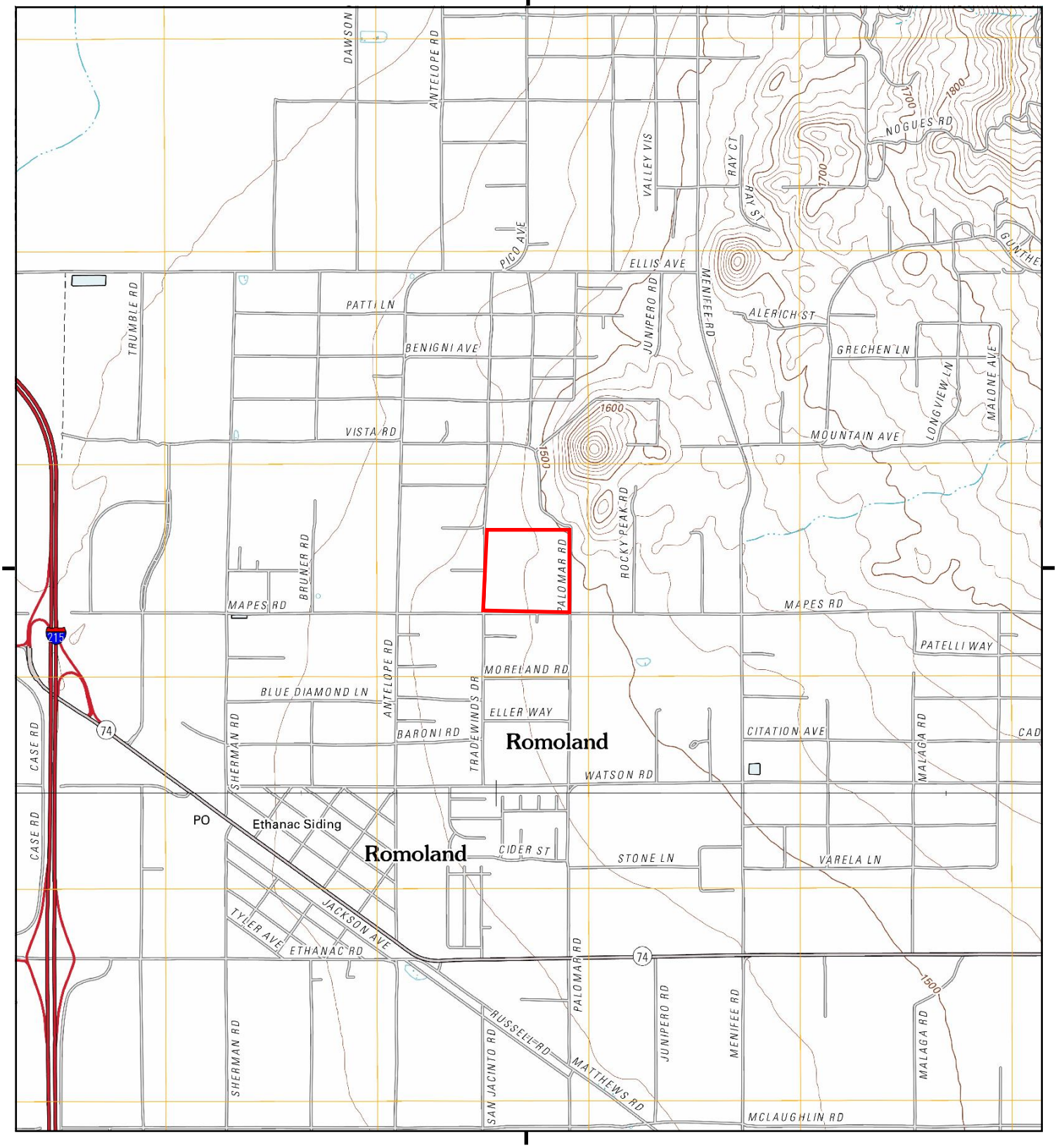
TP, Perris, 2015, 7.5-minute
S, Romoland, 2015, 7.5-minute

SITE NAME: Mapes and Tradewinds
ADDRESS: Mapes and Tradewinds
Sun City, CA 92585
CLIENT: Thornburgh Consulting, Inc.

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

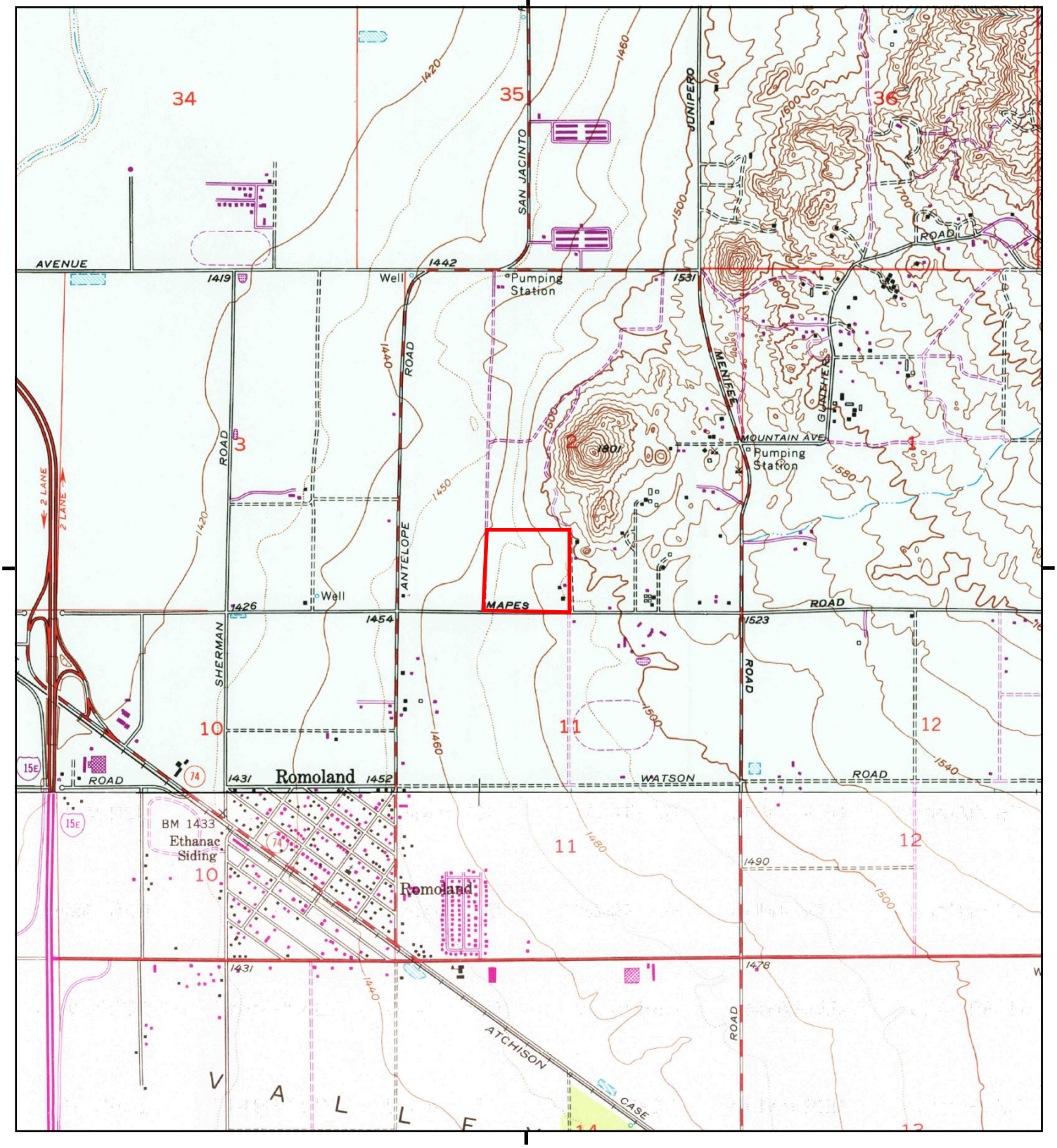
TP, Perris, 2012, 7.5-minute
S, Romoland, 2012, 7.5-minute

SITE NAME: Mapes and Tradewinds
ADDRESS: Mapes and Tradewinds
Sun City, CA 92585
CLIENT: Thornburgh Consulting, Inc.

N

Historical Topo Map

1979



This report includes information from the following map sheet(s).

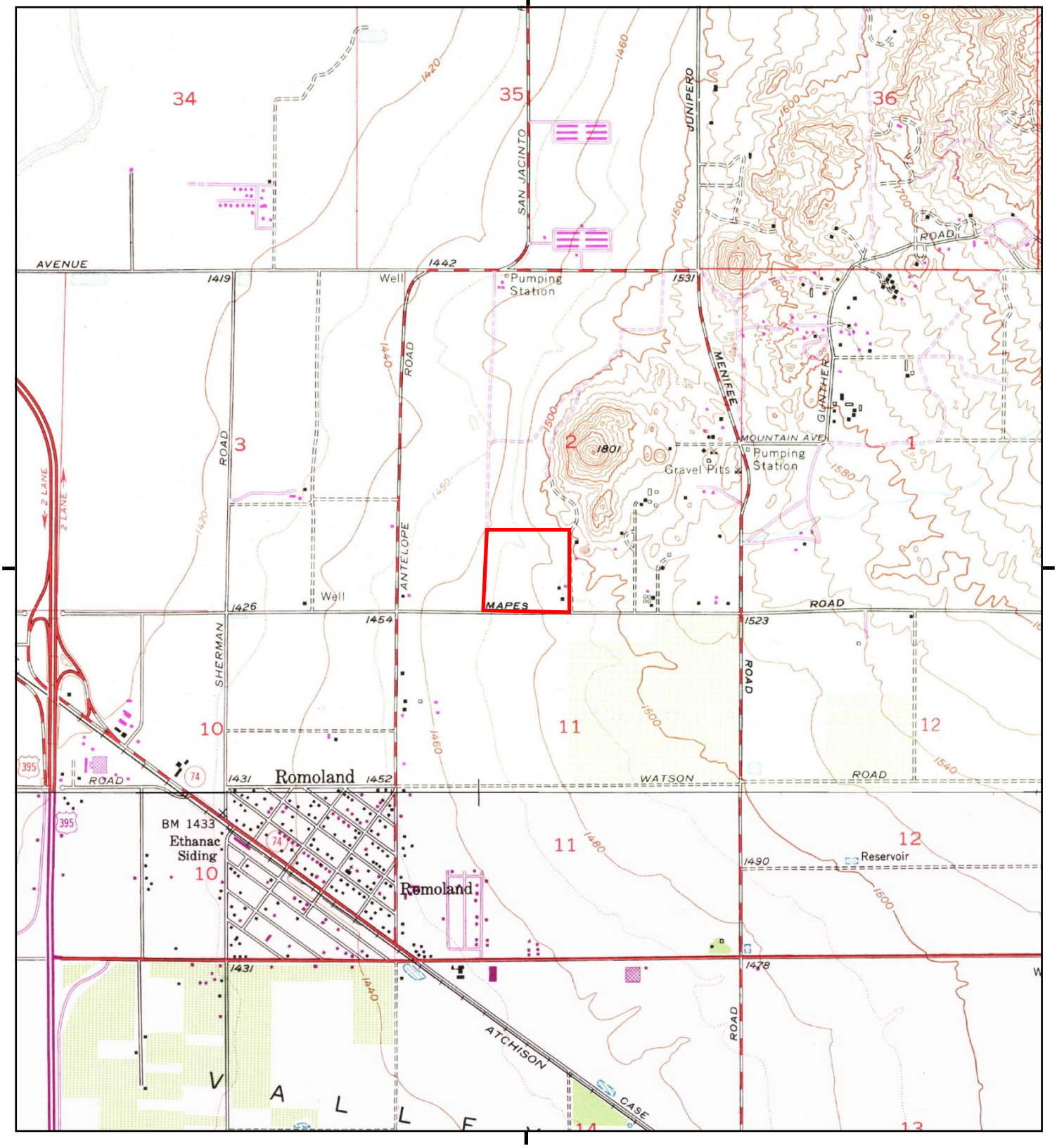
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Perris, 1979, 7.5-minute
S, Romoland, 1979, 7.5-minute

SITE NAME: Mapes and Tradewinds
ADDRESS: Mapes and Tradewinds
Sun City, CA 92585
CLIENT: Thornburgh Consulting, Inc.

N



This report includes information from the following map sheet(s).

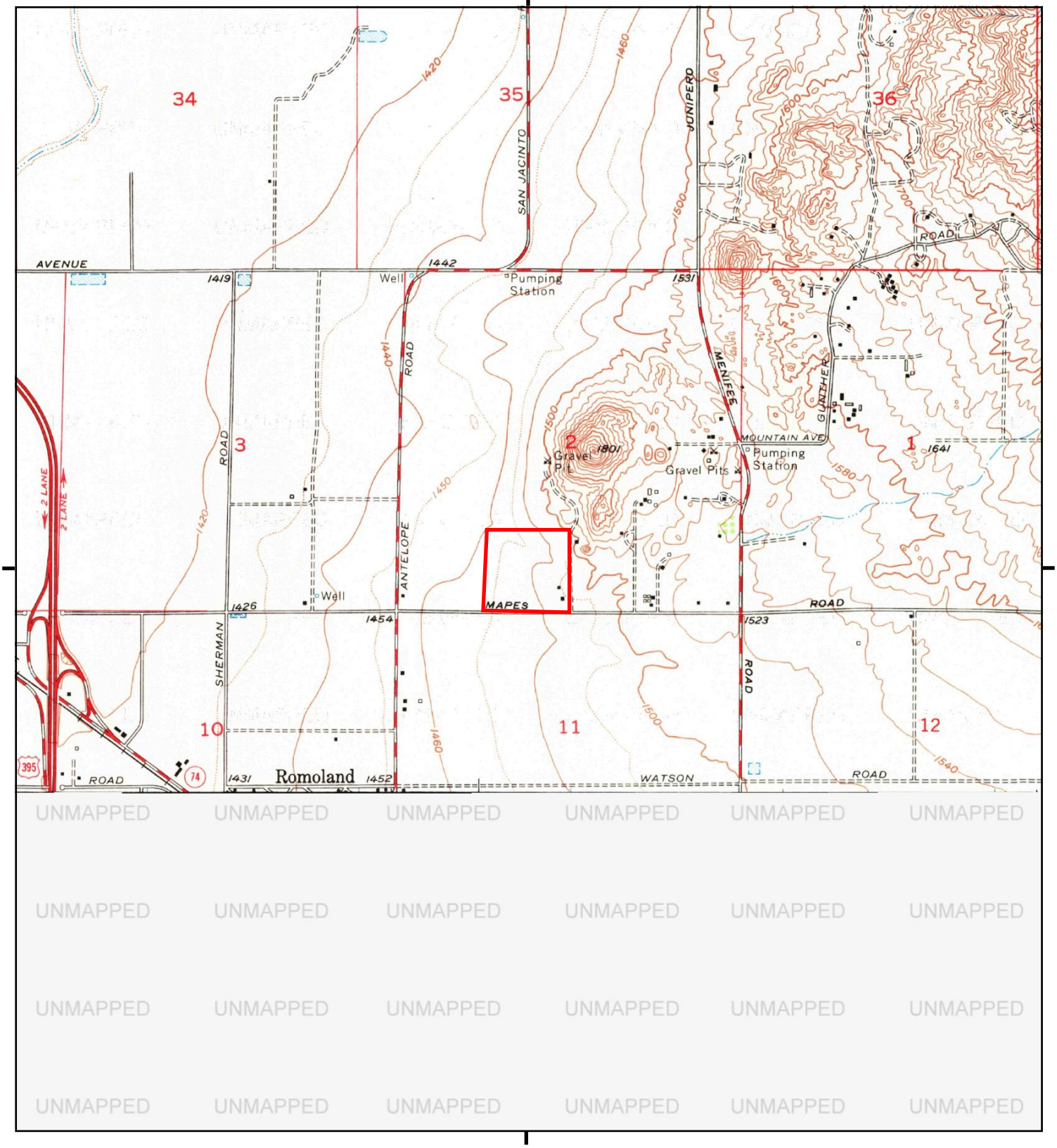
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Perris, 1973, 7.5-minute
S, Romoland, 1973, 7.5-minute

SITE NAME: Mapes and Tradewinds
ADDRESS: Mapes and Tradewinds
Sun City, CA 92585
CLIENT: Thornburgh Consulting, Inc.

N



UNMAPPED

This report includes information from the following map sheet(s).

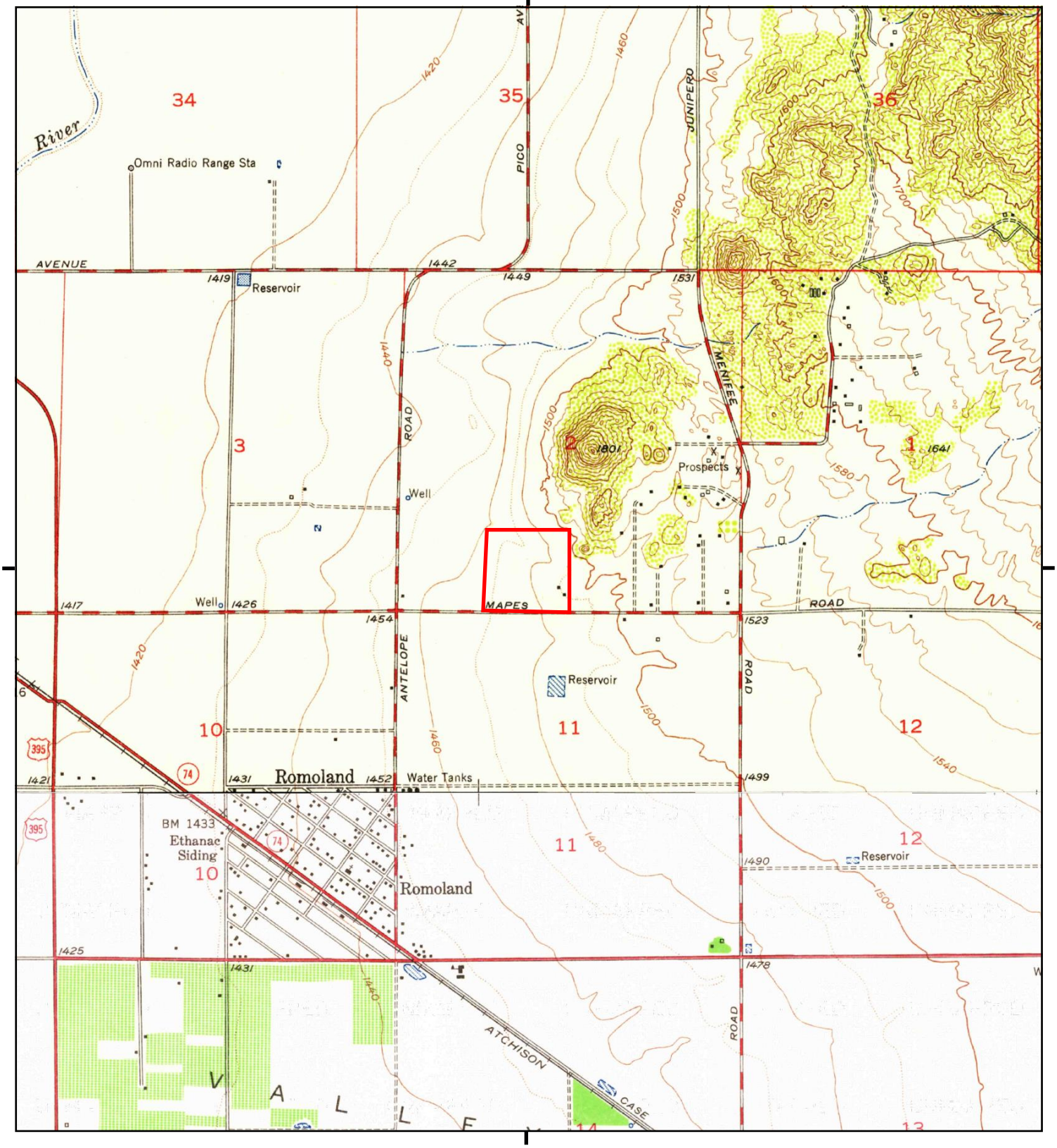
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Perris, 1967, 7.5-minute

SITE NAME: Mapes and Tradewinds
ADDRESS: Mapes and Tradewinds
Sun City, CA 92585
CLIENT: Thornburgh Consulting, Inc.

N



This report includes information from the following map sheet(s).

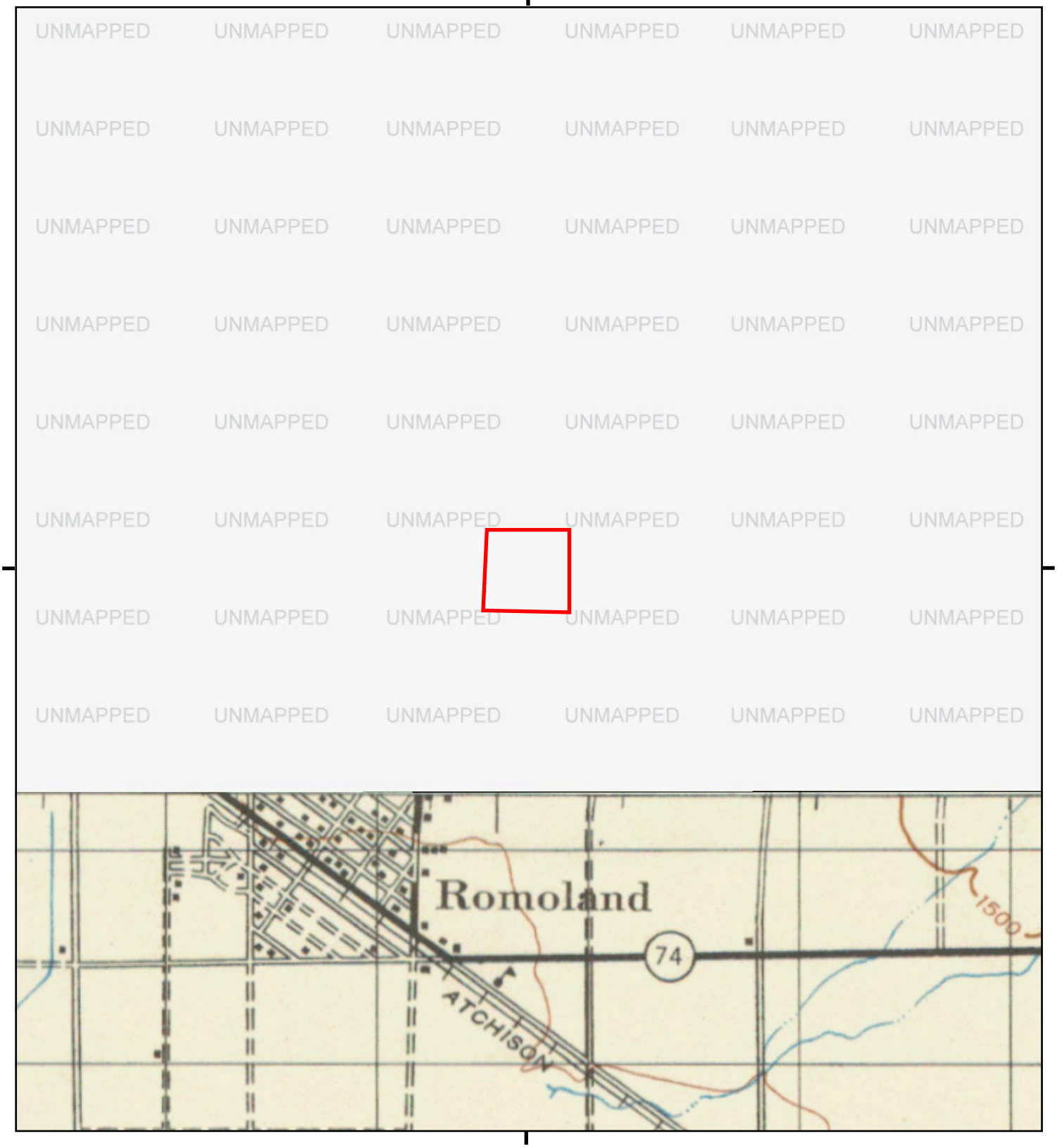
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Perris, 1953, 7.5-minute
S, Romoland, 1953, 7.5-minute

SITE NAME: Mapes and Tradewinds
ADDRESS: Mapes and Tradewinds
Sun City, CA 92585
CLIENT: Thornburgh Consulting, Inc.

N



This report includes information from the following map sheet(s).

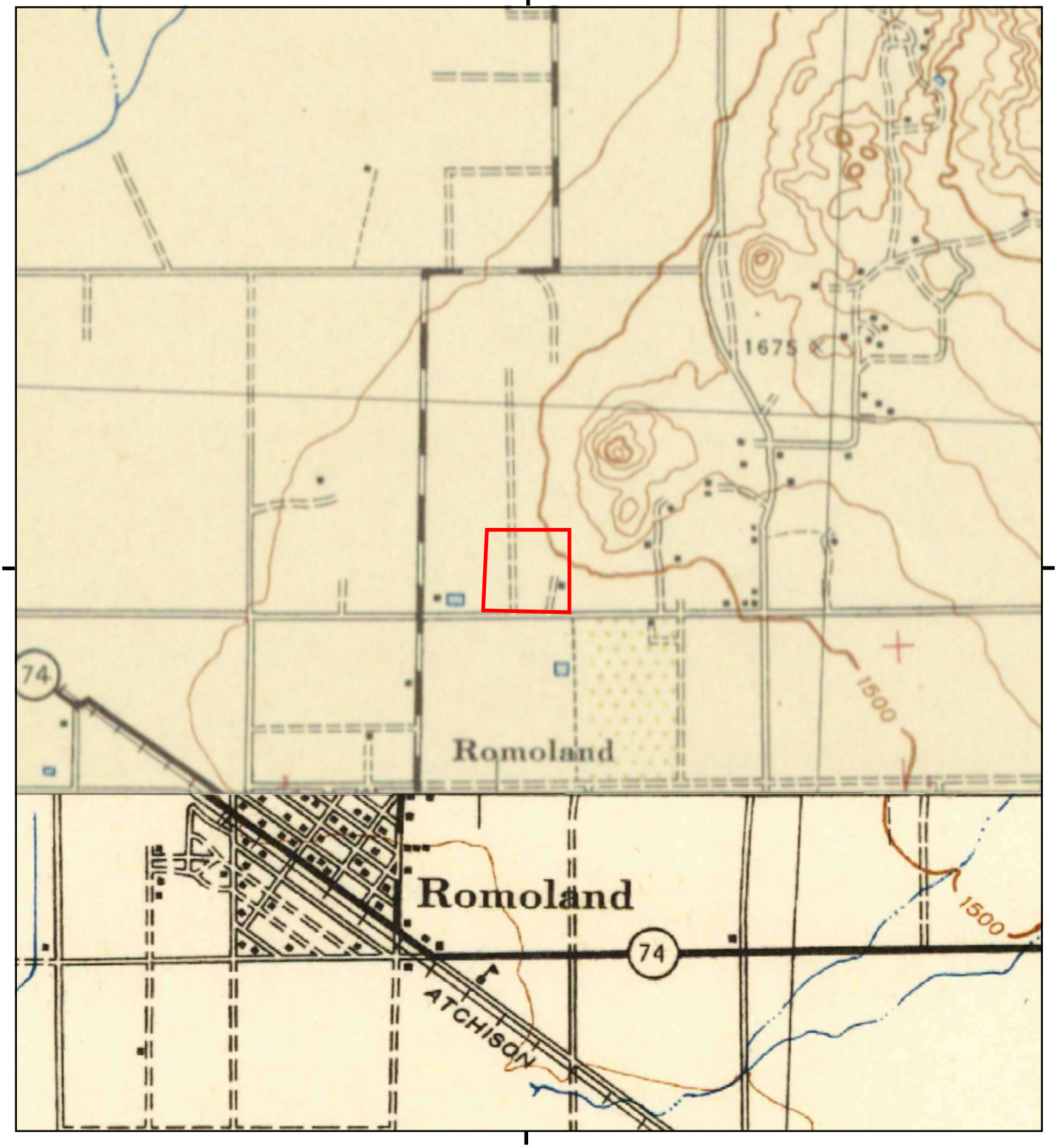
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

S, MURRIETA, 1947, 15-minute

SITE NAME: Mapes and Tradewinds
ADDRESS: Mapes and Tradewinds
Sun City, CA 92585
CLIENT: Thornburgh Consulting, Inc.

N



This report includes information from the following map sheet(s).

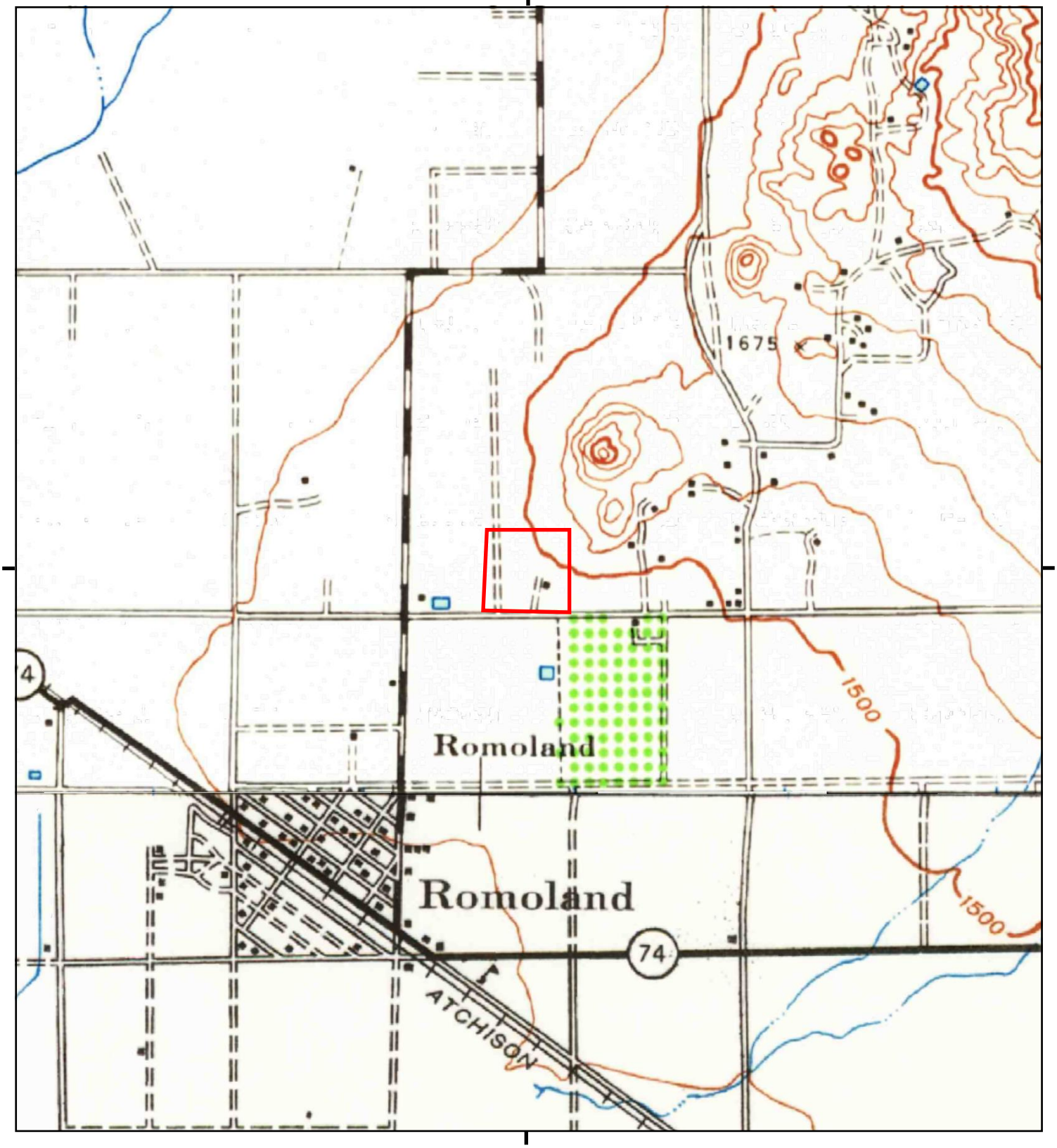
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, PERRIS, 1943, 15-minute
S, Murrieta, 1943, 15-minute

SITE NAME: Mapes and Tradewinds
ADDRESS: Mapes and Tradewinds
Sun City, CA 92585
CLIENT: Thornburgh Consulting, Inc.

N



This report includes information from the following map sheet(s).

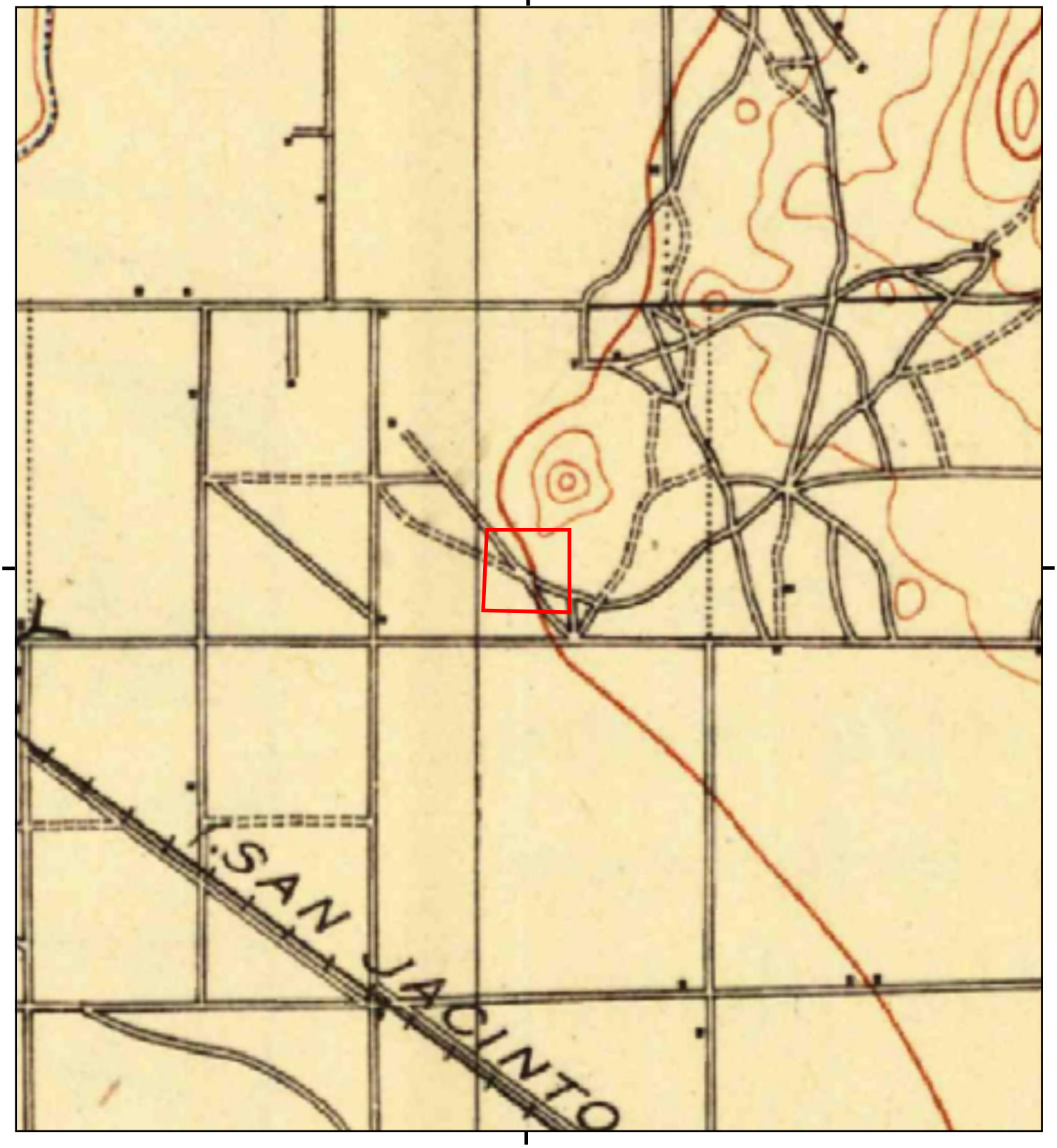
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Perris, 1942, 15-minute
S, Murrieta, 1942, 15-minute

SITE NAME: Mapes and Tradewinds
ADDRESS: Mapes and Tradewinds
Sun City, CA 92585
CLIENT: Thornburgh Consulting, Inc.

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Elsinore, 1901, 30-minute

SITE NAME: Mapes and Tradewinds
ADDRESS: Mapes and Tradewinds
Sun City, CA 92585
CLIENT: Thornburgh Consulting, Inc.

N

Mapes and Tradewinds

Mapes and Tradewinds

Sun City, CA 92585

Inquiry Number: 8001728.8

May 29, 2025

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

05/29/25

Site Name:

Mapes and Tradewinds
Mapes and Tradewinds
Sun City, CA 92585
EDR Inquiry # 8001728.8

Client Name:

Thornburgh Consulting, Inc.
24001 Muirlands Blvd., #242
Lake Forest, CA 92630
Contact: Stephen Krummlett

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2002	1"=500'	Flight Year: 2002	USGS/DOQQ
1996	1"=500'	Acquisition Date: September 30, 1996	USGS/DOQQ
1990	1"=500'	Flight Date: September 06, 1990	USDA
1989	1"=500'	Flight Date: August 15, 1989	USDA
1985	1"=500'	Flight Date: July 28, 1985	USDA
1978	1"=500'	Flight Date: September 20, 1978	USDA
1967	1"=500'	Flight Date: May 15, 1967	USDA
1961	1"=500'	Flight Date: August 18, 1961	USDA
1953	1"=500'	Flight Date: August 28, 1953	USDA
1949	1"=500'	Flight Date: May 23, 1949	USDA
1938	1"=500'	Flight Date: June 14, 1938	USDA

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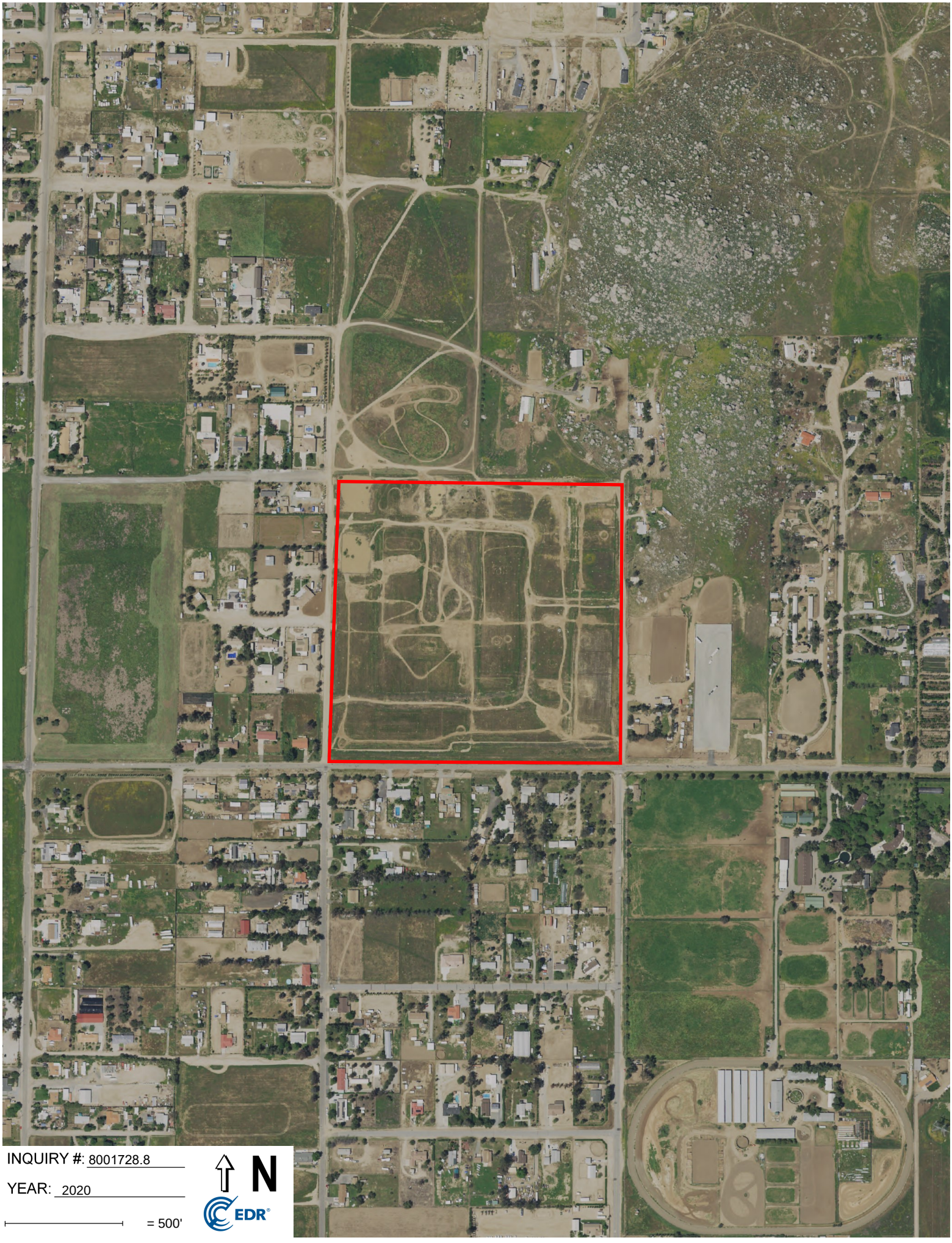
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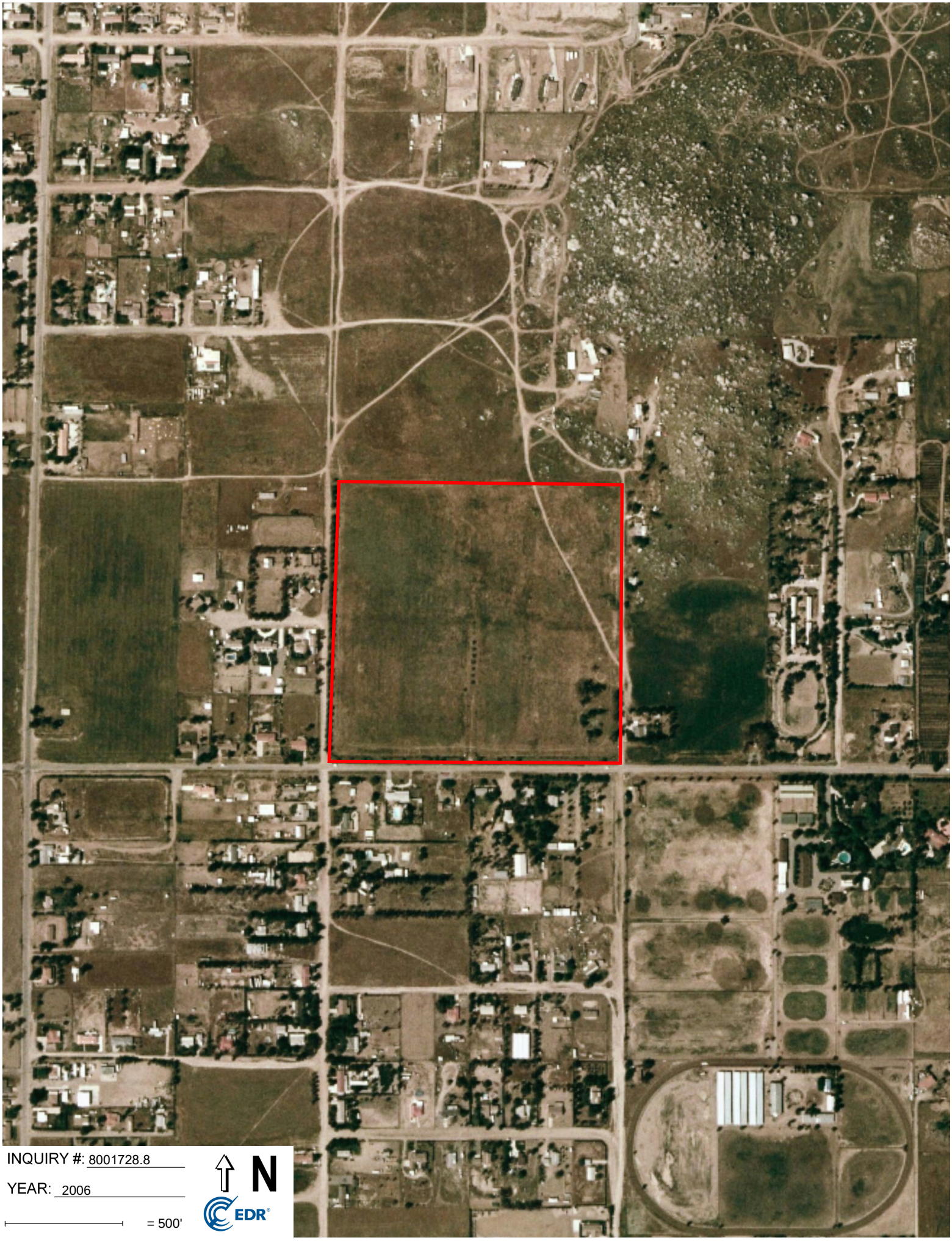
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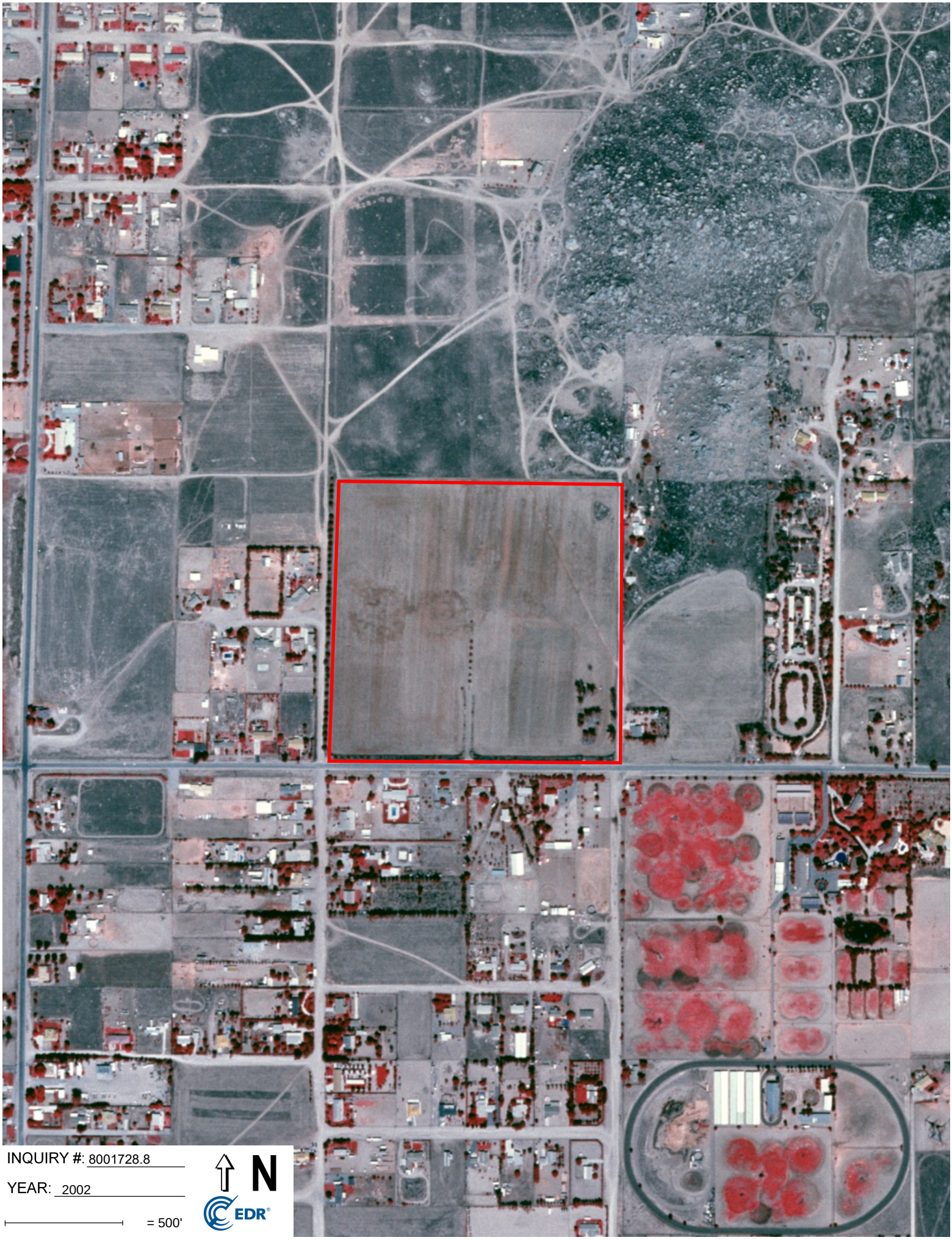

INQUIRY #: 8001728.8
YEAR: 2020
= 500'
N
EDR

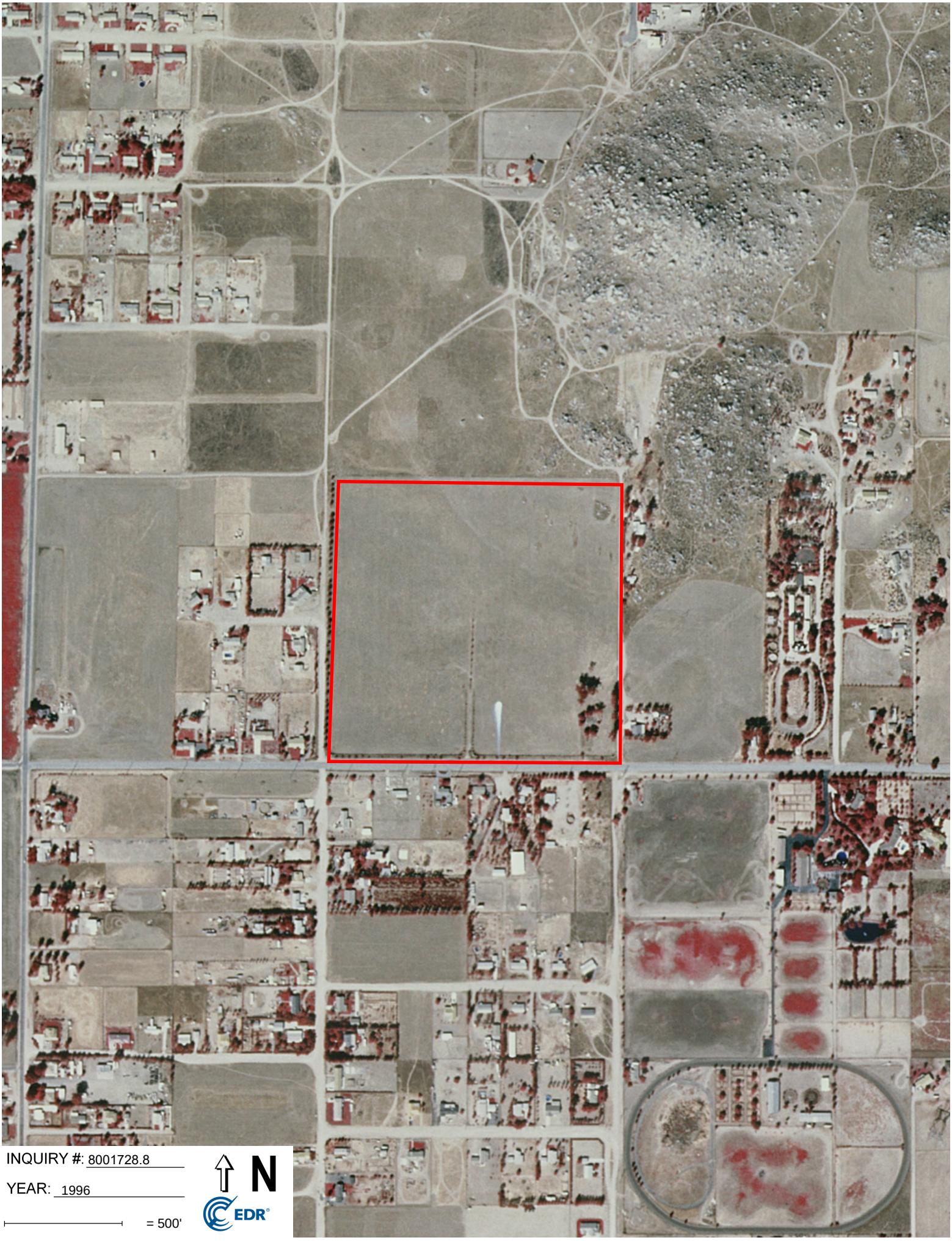

INQUIRY #: 8001728.8
YEAR: 2016
= 500'
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EDR


INQUIRY #: 8001728.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 8001728.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 8001728.8
YEAR: 2006
= 500'
N
EDR


INQUIRY #: 8001728.8
YEAR: 2002
= 500'
N
EDR


INQUIRY #: 8001728.8
YEAR: 1996
= 500'
N
EDR


INQUIRY #: 8001728.8
YEAR: 1990
= 500'
N
EDR


INQUIRY #: 8001728.8
YEAR: 1989
= 500'
N
EDR


INQUIRY #: 8001728.8
YEAR: 1985
= 500'
N
EDR



INQUIRY #: 8001728.8

YEAR: 1978

= 500'

N

EDR



INQUIRY #: 8001728.8

YEAR: 1967

= 500'

N

EDR



INQUIRY #: 8001728.8

YEAR: 1961

= 500'

N

EDR



INQUIRY #: 8001728.8

YEAR: 1953

= 500'

N

EDR



INQUIRY #: 8001728.8

YEAR: 1949

= 500'

N

EDR



INQUIRY #: 8001728.8

YEAR: 1938

= 500'

N

EDR

Mapes and Tradewinds
Mapes and Tradewinds
Sun City, CA 92585

Inquiry Number: 8001728.5
June 02, 2025

The EDR-City Directory Image Report

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2020	☑	☐	EDR Digital Archive
2017	☑	☐	Cole Information
2014	☑	☐	Cole Information
2010	☑	☐	Cole Information
2005	☑	☐	Cole Information
2000	☑	☐	Cole Information
1995	☑	☐	Cole Information
1992	☑	☐	Cole Information
1990	☑	☐	Haines Criss-Cross Directory
1985	☑	☐	Haines Criss-Cross Directory
1980	☑	☐	Haines Criss-Cross Directory
1976	☑	☐	Haines Criss-Cross Directory
1971	☐	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

Mapes and Tradewinds
Sun City, CA 92585

Year	*CD Image*	*Source*	
MAPES RD			
2020	pg A2	EDR Digital Archive	
2017	pg A7	Cole Information	
2014	pg A9	Cole Information	
2010	pg A12	Cole Information	
2005	pg A15	Cole Information	
2000	pg A17	Cole Information	
1995	pg A19	Cole Information	
1992	pg A21	Cole Information	
1990	pg A23	Haines Criss-Cross Directory	
1990	pg A24	Haines Criss-Cross Directory	
1985	pg A26	Haines Criss-Cross Directory	
1980	pg A28	Haines Criss-Cross Directory	
1976	pg A31	Haines Criss-Cross Directory	
1971	-	Haines Criss-Cross Directory	Street not listed in Source
TRADE WINDS DR			
2020	pg A4	EDR Digital Archive	
2017	pg A8	Cole Information	
2014	pg A10	Cole Information	
2010	pg A13	Cole Information	
TRADEWINDS DR			
2005	pg A16	Cole Information	
2000	pg A18	Cole Information	
1995	pg A20	Cole Information	
1992	pg A22	Cole Information	

FINDINGS

Year	***CD Image***	***Source***	
1990	pg A25	Haines Criss-Cross Directory	
1985	pg A27	Haines Criss-Cross Directory	
1980	pg A29	Haines Criss-Cross Directory	
1980	pg A30	Haines Criss-Cross Directory	
1976	pg A32	Haines Criss-Cross Directory	
1971	-	Haines Criss-Cross Directory	Street not listed in Source

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

MAPES RD 2020

27555	KIM CROMAR
	NICHOLAS CROMAR
	RONALD CROMAR
27570	EMILY KEIL
	MARILYNN KEIL
27595	KATRINA WESNER
	ODELTA BARBERIZ
	PATRICE MEDRANO
27625	CHARLENE HOWELL
	CRYSTAL HOWELL
	PHILLIP HOWELL
	SYLVIA HOWELL
27650	DAVID HUNT
	DODANIN MARTINEZ
	JANELA MARTINEZ
	LADY TOBAR
27665	SANDRA DEBRUYN
27675	BRIAN ABARCA
	JOSE ABARCA
27740	LETICIA SALGADO
	VICENTE LOPEZ
	VICENTE SALGADO
28130	JOSE DE VAZQUEZ
28170	KALY OLGUIN
	SHANE OLGUIN
28240	PATRICIA SEROWIK
	ROBERT SEROWIK
28309	ELIAS FLORES
	ELIZABETH INIGUEZ
	MARIA RAMIREZ
28369	VICTOR UGARTE
28538	VERONICA CHAVEZ
28540	SAUL CHAVEZ
28648	FELICITAS PENA
	KYLE ROACH
	RICHARD SWARTZ
28649	CHARLES STEENBOCK
	CHRISTOPHER STEENBOCK
	JANELL SCOTT
	STEENBOCK STEEL BUILDINGS
	VERONICA STEENBOCK
28701	NORMA CANO
28740	DAMARIS SANTOS
	ELIAS SANTOS
	ELIZABETH SANTOS
	JUAN SANTOS
	RUBEN SANTOS
28781	NABIL HANISS
28782	LILIA MERCADO
	MIGUEL MERCADO

MAPES RD 2020 (Cont'd)

28886	CYNTHIA MODEN
	GAIL MODEN
	KIMBERLY MODEN
	LEONARD MODEN
28905	LESTER NEVITT
	RICK BUSSOLI
29129	ROGER FISHER
	SCOTT CRAIGMYLE
	TAMI CRAIGMYLE
29175	JUAN MARTINEZ
	SUSAN MARTINEZ
29197	ANDRES DELGADO
	GRICELDA DELGADO
	RICARDO DELGADO
29221	ESTHER GRANADOS
	MARIA GRANADOS
	RICARDO GRANADOS
29483	MARTIN LOPEZ
29565	EDGAR MENDOZA
	ESTHER MENDOZA
	JOAQUIN MENDOZA
	OSCAR MENDOZA
	RAQUEL GARCIA
	ROSIE TORRES
	SAMUEL MENDOZA
	SERGIO MENDOZA
29615	CARLOS FIRMAN
	MARIA FIRMAN
	REINA FIRMAN
29675	ANTONIO OCHOA
	NANCY DEOCHOA
29685	MARIEKE OVERMAN
29765	AVILA MATA
	CONRAD BLOOM
	EMMA PULIDO
29799	JOHN ORTEGA
29829	APRIL BARTON
	DONALD BARTON
	GLORIA BARTON
	MCKAYLA PAYNE
29875	REBECCA EGNEW
29905	MOIRA BRYSON
	MOIRA ELLIOTT
29915	MARCIE GARRISON
	STEPHEN GARRISON

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

TRADE WINDS DR 2020

25015	FRANCISCA VICENCIO
	JESUS VICENCIO
	MARIA VICENCIO
	YOLANDA VICENCIO
25033	JOSE MUNOZ
	JUAN ROMO
	KAREN ROMO
25050	ANDREW ALVAREZ
	AURELIO CORREA
	DANIEL CORREA
	EDUARDO CORREA
	MAYRA HERNANDEZ
	ROSA CORREA
25061	DOROTHY MCCLUSKY
	WALTER MCCLUSKY
25080	DANIEL FLOOD
	SHAUNA NELSON
25085	MICHELLE CRAIGMYLE
	SHANE CRAIGMYLE
25105	CLAUDIA VANDENBURG
	JOHN VANDENBURG
25110	ANDREW FINNEY
	CHARLOTTE FINNEY
25121	ADRIANA CASIAN
25155	EVANGELINA MOYA
	EVELIA PINEDA
	JOSE GARCIA
25175	MICHAEL CUIZON
25195	CARL GARLINGER
	JOSE ROMAN
25204	DAVID MARIN
	JULIE LITTLE
	LAURA LITTLE
25205	RANDALL MAYER
25237	LINDA QUARTARARO
	QIANA QUARTARARO
	QUENTIN QUARTARARO
25240	JEFF BEAM
	MANUEL RAMSEY
25270	DANIELLE RACKSTRAW
	GEORGE RACKSTRAW
25290	STACY HARKNESS
25301	JORDAN BROWN
	PAULA BROWN
25308	NOEL BACA
25386	DIANE MOODY
	MICHAEL MOODY
25415	BRIAN ALSTON
	CELIA ALSTON
25746	JOSEFINA TAPIA

TRADE WINDS DR 2020 (Cont'd)

25746	RAUL TAPIA
25762	LETICIA QUINTERO
25765	CESAR BARRERA
	DAISY BARRERA
	ERUNDINA BARRERA
	ESTHER FUENTES
	TRACY FUENTES
	TRINIDAD BARRERA
25785	OLIVER SCHWEIGL
	STEF SCHWEIGL
25792	EFRAIN MURILLO
	MANUEL RIVAS
25795	ANTONIO HERRERA
	DANIEL HERRERA
	IRMA HERRERA
25811	AARON PIZANO
	PORFIRIO PIZANO
25822	MANUEL MARES
25825	JESUS GUERRERO
	MARI GUERREO
	VANESSA GUERRERO
25841	CHERYL WIDEL
	JACK DUDLEY
25852	CHRIS HARNS
	CINDY HARNS
	EDELMIRO RIVERA
25855	ABLE LOPEZ
	MONICA SANCHEZ
	NANCY SANCHEZ
25870	ANGELA CORDOVA
25871	SALVADOR RAMIREZ
25880	ROBERTO ANDRADE
25900	MIREYA JACOBO
25901	ELADIO ANDRADE
	MARCOS ANDRADE
	MARIA ANDRADE
	RAMIRO ANDRADE
	VICTOR ANDRADE
25927	FELIPE MEDINA
	JOSE MEDINA
	MARIA MEDINA
	OFELIA MEDINA
25943	ALEXIS ALVAREZ
25944	DAISY BERNAL
	EDWARD NUANEZ
	JESUS BERNAL
	OLIVIA BERNAL
25960	SAUL ARRIAGA
25961	ADAN CHAVEZ
	JESUS CHAVEZ

TRADE WINDS DR 2020 (Cont'd)

25961 JORGE CORTEZ
25976 CHRISTOPHER ALVARADO
CUEN REYES
TERESA SCHMIDT

Target Street	Cross Street	Source
✓	-	Cole Information

MAPES RD 2017

27555 CROMAR, SCOTT
27570 BALL, MARJORIE J
27595 MEDRANO, PATRICE A
27625 HOWELL, PHILLIP L
27650 MARTINEZ, DODANIN R
27665 DEBRUYN, SANDRA A
27675 ABARCA, JOSE L
27740 SALGADO, VICENTE S
28130 VAZQUEZ, JOSE D
28170 OLGUIN, GARY A
28200 LUE, JACK M
28240 SEROWIK, MARC F
28309 INIGUEZ, ELIZABETH
28369 UGARTE, VICTOR V
28521 MARTINEZ, VICTOR F
28538 BAGLEY, EARL
28594 ORNELAS, JAIME
28648 SWARTZ, RICHARD L
28649 CW FIX IT
STEENBOCK, CHRISTOPHER W
28660 KOOIMAN, BRENDA L
28701 PEREZ, REBECCA
28740 SANTOS, JUAN E
28886 MODEN, LEONARD J
28905 DESOULY, RICK
29129 FISHER, ROGER A
29175 MARTINEZ, SUSAN
29197 BRUNO, SUSI
DEL, AUTUMN
DELGADO, RICARDO G
MORENO, JOSEPH
NAVA, BRENDA
29221 GRANADOS, RICARDO
29483 LOPEZ, MARTIN E
29565 MENDOZA, SERGIO C
29615 FIRMAN, CARLOS
29675 OCHOA, ANTONIO
29765 AVILA, JESUS
29829 BARTON, DONALD F
29875 CLARK, LESLIE
29905 ELLIOTT, MOIRA
29915 GARRISON, STEVE E

Target Street	Cross Street	Source
✓	-	Cole Information

TRADE WINDS DR 2017

25033	ROMO, JUAN J
25050	HERNANDEZ, JUAN F
25061	MCCLUSKY, WALTER R
25080	FLOOD, DANNY C
25085	CRAIGMYLE, SHANE A
25105	VANDENBURG, JOHN B
25121	ESPINO, JAVIER P
25175	CUIZON, MICHAEL A
25195	ROMAN, JOSE D
25204	MARIN, DAVID E
25205	FAIRBAIRN, LESLIE M
25237	QUARTARARO, L J
25240	BEAM, JEFF J
25270	RACKSTRAW, GEORGE W
25290	HARKNESS, JOHN K
	PEOPLE CARE RIVERSIDE INC
25308	WILLIAMS, JAMES A
25386	MOODY, HOWARD L
25415	ALSTON, CELIA R
25745	CASTELLANOS, GRISELDA
25746	TAPIA, RAUL J
25762	QUINTERO, LETICIA
25765	MACGREGER, D
25780	KIESWETTER, SYLVIA A
25785	SCHWEIGL, OLIVER
25792	MURILLO, EFRAIN M
25795	HERRERA, ANTONIO V
25810	DOROUGH, SHERRI
25811	PIZANO, PORFIRIO H
25822	MAREZ, JORGE
25825	GUERRERO, JESUS J
25840	ALCARAZ, TIFFANY
25841	WIDEL, CHERYL F
25852	HARNS, CHRISTOPHER
25855	LOPEZ, ABEL S
25870	CORDOVA, ALFRED O
25871	RAMIREZ, SALVADOR M
25880	ANDRADE, ROBERTO
25885	CHAVEZ, B
25900	JACOBO, MIREYA
25901	ANDRADE, ELADIO T
25915	CHARBENEAUX, MONIQUE
25927	MEDINA, JOSE L
25930	MORFIN, ROSA D
25944	BERNAL, JESUS N
25960	SALAZAR, JULISSA
25961	CORTEZ, JORGE
25976	ALVARADO, CHRISTOPHER

Target Street	Cross Street	Source
✓	-	Cole Information

MAPES RD 2014

27555 CROMAR, SCOTT
27595 MARTINEZ, C
27625 HOWELL, PHILLIP L
27650 MARTINEZ, DODANIN
27665 DEBRUYN, SANDRA A
27675 ABARCA, JOSE
27740 SALGADO, VICENTE S
28130 VAZQUEZ, JOSE D
28170 OLGUIN, GARY A
28200 LUE, JACK M
28240 SEROWIK, ROBERT E
28309 FLORES, ELIAS R
28369 UGARTE, VICTOR V
28485 OCCUPANT UNKNOWN,
28521 OCCUPANT UNKNOWN,
28538 BAGLEY, MICHAEL J
28594 ORNELAS, JAIME
28648 SWARTZ, RICHARD L
28649 STEENBOCK, CHARLES W
28660 KOOIMAN, BRENDA L
28685 OCCUPANT UNKNOWN,
28694 WEINER, DANIEL
28701 OCCUPANT UNKNOWN,
28740 SANTOS, JUAN E
28886 MODEN, LEONARD J
28905 CHRISTY, KATHRYN D
29129 CRAIGMYLE, SCOTT J
29175 MARTINEZ, JUAN
29197 BRUNO, SUSI
DELGADO, RICARDO G
NAVA, BRENDA
29221 GRANADOS, RICARDO
29483 LOPEZ, MARTIN E
29565 MENDOZA, SERGIO C
29615 FIRMAN, CARLOS
29675 OCHOA, ANTONIO
29685 OCCUPANT UNKNOWN,
29765 FLOURNOY, YULA D
29799 ORTEGA, JOSE G
29829 TIBBETS, CAROLE J
29875 AGNEW, CHRISTOPHER P
29905 BRYSON, DAVID L
29915 GARRISON, STEVE E

Target Street	Cross Street	Source
✓	-	Cole Information

TRADE WINDS DR 2014

25015	VICENCIO, JESUS
25033	ROMO, JUAN J
25050	CORREA, AURELIO C
25061	MCCLUSKY, WALTER R
25080	NICHOLS, PATRICK C
25085	CRAIGMYLE, SHANE A
25105	VANDENBURG, JOHN B
25110	FINNEY, CRYSTAL
25121	ESPINO, JAVIER P
25155	GARCIA, JOSE L
25175	CUIZON, MICHAEL A
25195	OCCUPANT UNKNOWN,
25204	LITTLE, JULIE F
25205	FAIRBAIRN, LESLIE M
25237	QUARTARARO, L J
25240	BEAM, JEFF J
25270	RACKSTRAW, GEORGE W
25290	HARKNESS, JOHN K
25301	OCCUPANT UNKNOWN,
25308	BACA, NOEL
25386	MOODY, HOWARD L
25415	SIEGMANN, MARGARET
25745	CASTELLANO, GRISELDA
25746	TAPIA, RAUL J
25762	QUINTERO, LETICIA
25765	BAKAALUK, GERALD R
25780	KIESWETTER, SYLVIA A
25785	SCHWEIGL, OLIVER
25792	RIVAS, MANUEL
25795	HERRERA, ANTONIO V
25810	DOROUGH, SHERRI
25811	PIZANO, PORFIRIO H
25822	MAREZ, JORGE
25825	GUERRERO, JESUS J
25840	OCCUPANT UNKNOWN,
25841	WIDEL, CHERYL F
25852	HARNS, CHRISTOPHER
25855	LOPEZ, ABEL S
25870	JIMENEZ, ANA
25871	RAMIREZ, SALVADOR M
25880	OCCUPANT UNKNOWN,
25900	JACOBO, MIREYA
25901	ANDRADE, ELADIO T
25927	MEDINA, JOSE L
25930	MEDINA, JOSE L
25943	ALVAREZ, IVAN
25944	BERNAL, DAISY
25960	MAZA, IXCHELT
25961	CORTEZ, JORGE
25976	ALVARADO, ELIZABETH

Target Street	Cross Street	Source
✓	-	Cole Information

TRADE WINDS DR 2014 (Cont'd)

25984 RODRIGUEZ, LUIZ A

Target Street	Cross Street	Source
✓	-	Cole Information

MAPES RD 2010

27555 CROMAR, RONALD S
27570 KEIL, M
27625 HOWELL, PHILLIP L
27650 MARTINEZ, DODANIN
27665 DEBRUYN, SANDRA A
27675 ABARCA, JOSE
27740 SALGADO, VICENTE S
28130 BROWNLOW, CLARENCE J
28200 LUE, JACK M
28369 UGARTE, VICTOR V
28485 GUTIERREZ, JESUS L
28521 OCCUPANT UNKNOWN,
28538 BAGLEY, MICHAEL J
28540 BAGLEY, MICHAEL J
28594 ORNELAS, JAIME
28649 MUNOZ, LEO
28660 KOOIMAN, BRENDA L
28685 YUELAPWAN, AH Y
28694 WEINER, DANIEL
28701 BOYER, MADELEINE
GETAWAY FARMS
28740 SANTOS, JUAN E
28905 NEVITT, LESTER J
TROPICAL ISLAND GREENERY
29175 MARTINEZ, JUAN
29197 DELGADO, RICARDO A
RICKS AUTO UPHOLSTERY
29221 GRANADOS, RICARDO
29245 OCCUPANT UNKNOWN,
29483 LOPEZ, STEPHANIE A
29565 GARCIA, PERLA E
29615 FIRMAN, REINA G
29675 OCHOA, ANTONIO
29685 OCCUPANT UNKNOWN,
29765 MARTINEZ, MIGUEL A
29829 BARTON, DONALD R
29875 AGNEW, CHRISTOPHER P
29905 BRYSON, DAVID L
29915 GARRISON, STEVE E
29995 RODRIGUEZ, MARY V

Target Street	Cross Street	Source
✓	-	Cole Information

TRADE WINDS DR 2010

25015 VICENCIO, JESUS
25033 HERRERA, MARIA E
25050 CORREA, LUCIANO C
25061 MCCLUSKY, WALTER R
25080 OCCUPANT UNKNOWN,
25085 CRAIGMYLE, SHANE A
25105 VANDENBURG, JOHN B
25110 FINNEY, CHARLOTTE R
25121 CARRISOZA, ALEJANDRO
25155 MORENO, MARIO
25175 CUIZON, MICHAEL A
25195 WILSON, SHIRLEY L
25204 OCCUPANT UNKNOWN,
25205 FAIRBAIRN, LESLIE M
25237 OCCUPANT UNKNOWN,
25240 CASH, TERRI L
25270 RACKSTRAW, GEORGE W
25290 HARKNESS, JOHN K
25301 OCCUPANT UNKNOWN,
25308 BACA, NOEL
25386 FELDMEYER, MARK
25415 KRIEGER, VERNON A
25745 OCCUPANT UNKNOWN,
25746 TAPIA, RAUL J
25762 SMITH, MARY A
25765 MACGREGER, D
25780 KIESWETTER, DUANE D
25785 GREGG, EDWARD L
25792 HERRERA, O
25795 HERRERA, ANTONIO V
25810 DAYTON, GERALD R
25811 PIZANO, PORFIRIO H
25822 MARES, MANUEL
25825 GUERRERO, JESUS J
25840 CASTELLANOS, GRISELDA
25841 DUDLEY, JACK
25852 HARNS, SHERMAN W
25855 LOPEZ, ABEL S
25870 OCCUPANT UNKNOWN,
25871 RAMIREZ, SALVADOR M
25880 ANDRADE, ROBERTO
25900 OCCUPANT UNKNOWN,
25901 ANDRADE, ELADIO T
25915 OCCUPANT UNKNOWN,
25927 MEDINA, JOSE L
25930 MACIAS, R
25943 ALVAREZ, IVAN
25944 HAUN, MORGAN L
25960 CASTELLANO, GRISELDA
25961 CORTEZ, JORGE

Target Street	Cross Street	Source
✓	-	Cole Information

TRADE WINDS DR 2010 (Cont'd)

25976 ALVARADO, ELIZABETH
25984 OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	Cole Information

MAPES RD 2005

27555 CROMAR PAINTING
CROMAR, RONALD S
27595 ANDERSON, TODD
27625 HOWELL, PHILLIP L
PHILLIP HOWELLS WELDING
27650 OCCUPANT UNKNOWN,
27665 DEBRUYN, SANDRA A
27675 MACARTHUR, RANDALL D
RND CONSTRUCTION
27740 SALGADO, VICENTE S
28130 BROWNLOW, CLARENCE J
28170 PARSON, ROGER
28200 LUE, JACK M
28240 SEROWIK, ROBERT E
28309 GONZALEZ, EDUARDO
28369 UGARTE, VICTOR F
28485 GUTIERREZ, JESUS
28521 ASBURY, JAMES M
28538 BAGLEY, M J
28594 ORNELAS, JAIME
28648 STEENBOCK, CHARLES W
28649 MUNOZ, LEO
VERSAILLES DEVELOPMENT INC
28660 SLAYMAKER, ROBERTA L
28685 YUELAPWAN, KINTAI L
28694 WEINER, DANIEL
28701 GETAWAY FARMS
MAGANA, LILLY
28740 SANTOS, JUAN E
28781 HANISS, GEORGE W
28782 OCCUPANT UNKNOWN,
28886 WICKERSHEIM, ELIZABETH G
28905 NEVITT, LESTER J
29175 GREGORIO, ALBERT A
29197 DELGADO, RICARDO A
29221 GRANADOS, RICARDO
29245 CABALLERO, FERNANDO G
29483 LOPEZ, STEPHANIE A
29565 MENDOZA, JOAQUIN N
29615 FIRMAN, CARLOS
29675 OCHOA, ANTONIO
29685 KOONS, TRAVIS S
29765 MARTINEZ, MIGUEL A
29799 CHANDLER, DAVID
29829 BARTON, DONALD R
29875 OCCUPANT UNKNOWN,
29905 BRYSON, DAVID L
29915 GARRISON, MARCIE A
29995 RODRIGUEZ, GILBERT J

Target Street	Cross Street	Source
✓	-	Cole Information

TRADEWINDS DR 2005

25015 WILLIAM CODY HEAH
25033 PLASENCIA, TERESA
25050 OCCUPANT UNKNOWN,
25061 MCCLUSKY, WALTER R
25080 FLOOD, FRANK D
25085 CRAIGMYLE, SHANE A
25105 VANDENBURG, JOHN B
25110 FINNEY, CHARLOTTE R
25121 GRANT, MICHAEL A
25155 MOYA, EVANGELINA
25175 CUIZON, MICHAEL A
25195 WILSON, ROBERT E
25204 LITTLE, JULIE F
25205 MAYER, RANDALL W
25237 QUARTARARO, L J
25240 CASH, TERRI L
25270 RACKSTRAW, GEORGE W
25290 HARKNESS, JOHN K
25308 BACA, NOEL
25386 MOODY, HOWARD C
25745 QUINTANAL, ERNESTO
25746 TAPIA, RAUL J
25762 SMITH, WALTER D
25765 MACGREGER, D
25780 KIESWETTER, DUANE D
25785 GARDINER, LEE R
25792 CASTELLANO, GRISELDA
25810 DAYTON, TYRONE C
25811 PIZANO, PORFIRIO H
25822 SANDOVAL, ERICA
25825 GUERRERO, JESUS R
25840 GARCIA, JOSE
25841 DUDLEY, JACK
25855 DIERICKX, DAVID A
25870 OCCUPANT UNKNOWN,
25871 RAMIREZ, SALVADOR
25880 ANDRADE, ROBERTO
25885 JONES, LEE L
25915 OCCUPANT UNKNOWN,
25927 MEDINA, JOSE
25943 ALVAREZ, ALEXIS M
25944 RICE, MARGARET
25960 ZAYAS, ENRIQUE A
25961 BLANKENBAKER, JOAN P
25976 VARGAS, URIEL
25984 AVILA, ELADIO

Target Street	Cross Street	Source
✓	-	Cole Information

MAPES RD 2000

27555	CROMAR, RONALD
27570	ANNABLE, CURTIS D
27625	HOWELL, PHILLIP
27665	DEBRUYN, SANDRA A
27740	LOPEZ, VICENTE S
28130	BROWNLOW, C J
28170	PARSON, ROGER
28200	LUE, JACK M
28240	OCCUPANT UNKNOWN,
28369	UGARTE, VICTOR F
28521	MUNOZ, PEDRO
28538	BAGLEY, M J
28540	BAGLEY, MICHAEL J
28594	ORNELAS, JAIME
28648	OCCUPANT UNKNOWN,
28685	OCCUPANT UNKNOWN,
28694	WEINER, DANIEL
28701	LOSOYA, JOSE L
	RAMIREZ, JOSE J
28781	HANISS, GEORGE
28782	OCCUPANT UNKNOWN,
28886	WICKERSHEIM, OLIVER
28905	OCCUPANT UNKNOWN,
29175	GREGORIO, ALBERT A
29197	DELGADO, RICKY
29221	GRANADOS, SERGIO L
29483	OCCUPANT UNKNOWN,
29565	MENDOZA, JOAQUIN

Target Street	Cross Street	Source
✓	-	Cole Information

TRADEWINDS DR 2000

25080 OCCUPANT UNKNOWN,
25085 OCCUPANT UNKNOWN,
25105 VANDENBURG, JOHN
25110 FINNEY, ANDREW F
ROMOLAND CHRISTMAS TREE FARM
25121 SMITH, ISABELL
25155 MCNEIL, CHRIS A
25204 JOERGER, WILLIAM L
25205 MAYER, RANDALL W
25237 QUARTARARO, CALY S
25240 HARRIS, DALE W
25270 RACKSTRAW, GEORGE W
25290 HARKNESS, JOHN
25301 OCCUPANT UNKNOWN,
25308 ALDAL, TED C
25386 MOODY, HOWARD L
25745 QUINTANAL, ERNESTO
25746 TAPIA, RAUL
25762 SMITH, WALTER D
25765 BAKAALUK, GERALD R
25780 OCCUPANT UNKNOWN,
25785 GREWE, MARION A
25792 VELA, ALLEN
25795 OCCUPANT UNKNOWN,
25810 DAYTON, GERALD R
25811 OCCUPANT UNKNOWN,
25822 ANDERSON, GREG
25841 OCCUPANT UNKNOWN,
25852 LYNE, JACK
25855 DIERICKX, DAVID
25870 CORDOVA, ROY T
25871 HODGKINSON, EUGENE
25885 JONES, VIVAN
25900 OCCUPANT UNKNOWN,
25901 ANDRADE, ELADIO
25915 BEAHM, STANLEY G
25927 BURY, MARY
25930 FLANARY, PAUL W
25943 BAXTER, DONNA J
25944 GLASER, M
25960 OCCUPANT UNKNOWN,

Target Street	Cross Street	Source
✓	-	Cole Information

MAPES RD 1995

27570	BALL, JOHN
27595	JONES, JANET A
27625	HOWELL, SYLVIA
27650	SMITH, S B
27665	DEBRUYN, SANDRA A
27675	COVARRUBIAS, C
28396	GUTIERREZ, WYNEMA
28485	OCCUPANT UNKNOWNN
28540	BAGLEY, MICHAEL J
28648	OCCUPANT UNKNOWNN
28649	STEENBOCK, CHARLES
28660	SLAYMAKER, DORIS A
28694	MONTRIE, JAMES B
28701	MC COLLUM THOROUGHBRED FARM
28740	TROXEL, ERIC
28886	WICKERSHEIM, OLIVER W
28905	OCCUPANT UNKNOWNN
29175	GREGORIO, ALBERT A
29197	DELGADO, G
29221	GRANADOS, ESTHER
29615	DARNELL, RALPH D
29685	SEIMEARS, CLIFF
29799	BUTLER, ADA R
29829	SUMMIT, TILMON G
29875	INDA, T F
29995	RODRIGUEZ, GILBERT J

Target Street	Cross Street	Source
✓	-	Cole Information

TRADEWINDS DR 1995

25080	FLOOD, MARY
25085	PRICE, JODI
25110	FINNEY, ANDREW F
	ROMOLAND CHRISTMAS TREE FARM
25121	SMITH, ISABELL
25155	VINCENT, NATHAN L
25175	TRACTOR DISC & MOW
25204	JOERGER, WILLIAM L
25205	MAYER, RANDALL W
25237	QUARTARARO, CALY S
25240	HARRIS, DALE W
25290	OCCUPANT UNKNOWNN
25386	MOODY, HOWARD L
25745	TAPIA, RAUL
25746	MONROE, DORIS P
25762	SMITH, WALTER D
25765	OCCUPANT UNKNOWNN
25780	WILLIAMS, RICHARD G
25785	GREWE, JEROME A
25792	MCCARROLL, ROBERT M
25795	WRIGHT, JANE E
25810	RUSTONWARD, TERRY D
25811	BRYANT, JESSIE E
25825	MARRACCINI, ANNA
25840	OCCUPANT UNKNOWNN
25841	CRISMORE, RICHARD W
25852	LYNE, VIOLET M
25855	DIERICKX, DAVID
25870	OCCUPANT UNKNOWNN
25880	OCCUPANT UNKNOWNN
25885	JONES, ARLEY R
25900	OCCUPANT UNKNOWNN
25901	DAVIS, LESLIE
25915	BEAHM, STANLEY G
25927	BURY, EUGENE J
25930	FLANARY, PAUL W
25943	BAXTER, DONNA J
25944	GLASER, M
25961	BLANKENBAKER, WILLIAM D
25976	HAMILTON, CAROL R

Target Street	Cross Street	Source
✓	-	Cole Information

MAPES RD 1992

28701 MCCOLLUM THORGHBRD
29995 RODRIGUEZ, GILBERT J

Target Street	Cross Street	Source
✓	-	Cole Information

TRADEWINDS DR 1992

25080 F&F SERVICES
25110 PICCOLO AUTO SALES
ROMOLAND XMAS TREE

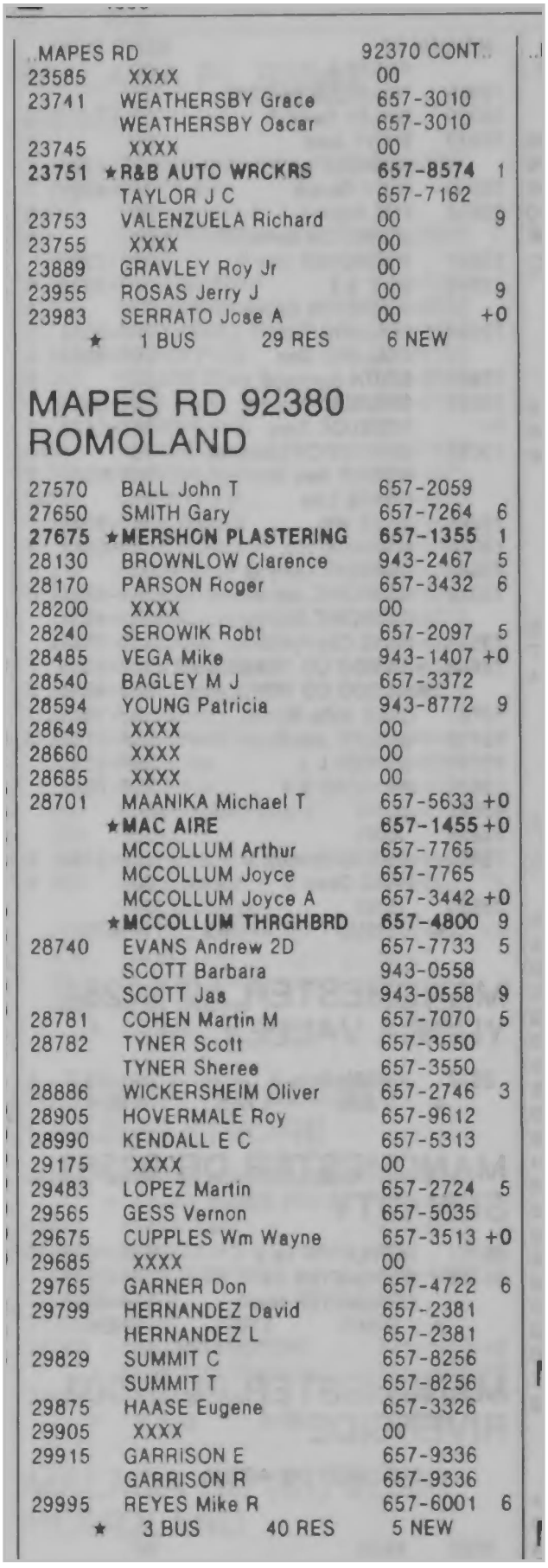
Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

MAPES RD 1990

22280	VALLETTE William C	00	7
22343	LEWIS Albert	657-5409	
	LEWIS Lenora	657-5409	
22367	LEWIS Rutledge	657-2540	
23010	BUNCH Doris Mrs	657-2908	
	SHIVERS Ronnette A	00	4
23070	NEWMAN Alison	657-0710	+0
23085	FLORES Geo	943-2551	
	FLORES Irene	943-2551	
23130	WADE Doug	657-0359	
	WADE Marie	657-0359	
23230	LYNCH Estella	657-9928	+0
	LYNCH Pollie	657-9928	+0
23240	BOYDE Bessie M	00	4
23290	XXXX	00	
23325	XXXX	00	
23485	CAMOU Marco A	00	+0
	LOPEZ Ramon	00	4
	MONTOYA Betty	00	+0

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

MAPES RD 1990



..MAPES RD 92370 CONT..

23585	XXXX	00	
23741	WEATHERSBY Grace	657-3010	
	WEATHERSBY Oscar	657-3010	
23745	XXXX	00	
23751	**★R&B AUTO WRCKRS**	**657-8574**	1
	TAYLOR J C	657-7162	
23753	VALENZUELA Richard	00	9
23755	XXXX	00	
23889	GRAVLEY Roy Jr	00	
23955	ROSAS Jerry J	00	9
23983	SERRATO Jose A	00	+0

★ 1 BUS 29 RES 6 NEW

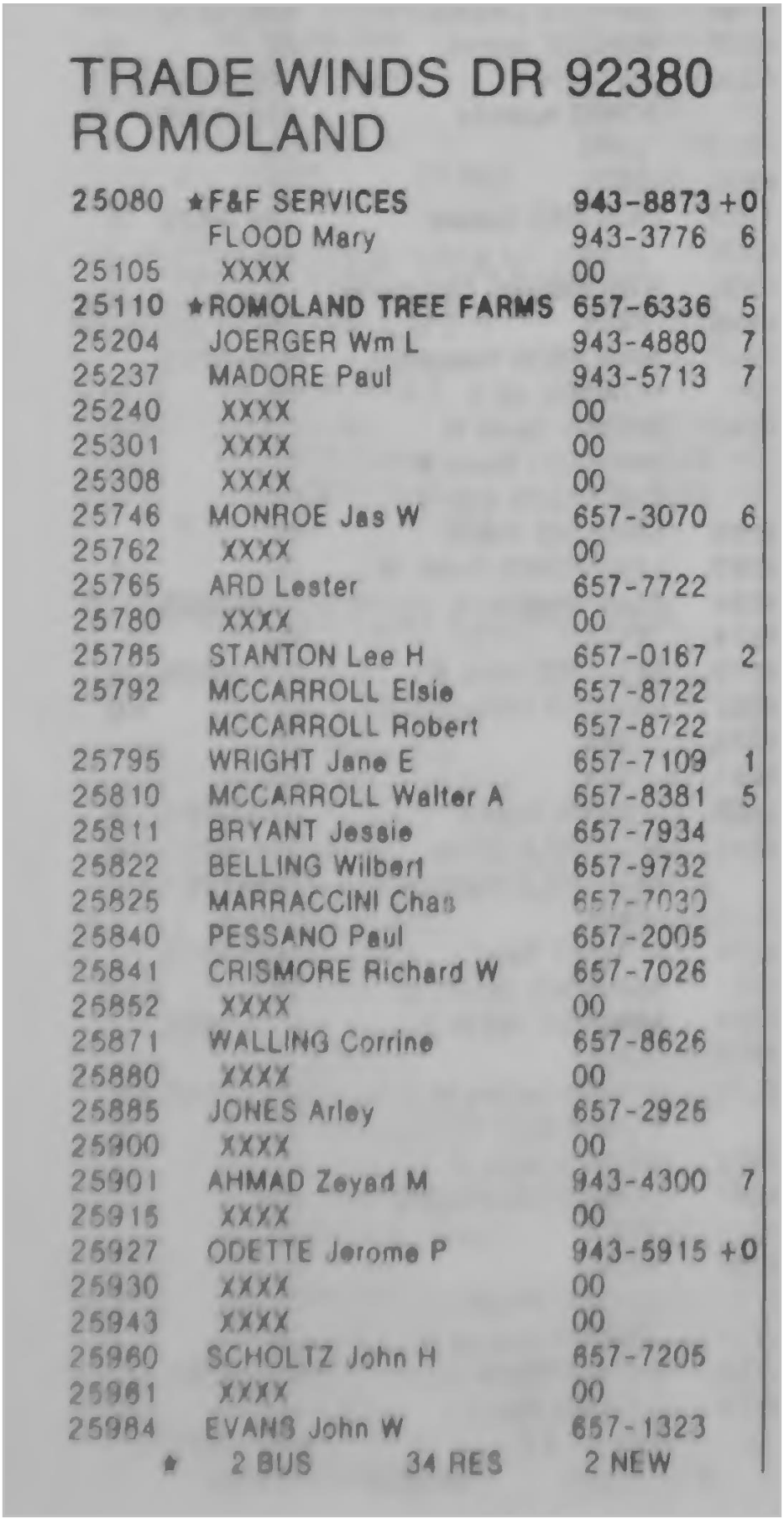
MAPES RD 92380 ROMOLAND

27570	BALL John T	657-2059	
27650	SMITH Gary	657-7264	6
27675	**★MERSHON PLASTERING**	**657-1355**	1
28130	BROWNLOW Clarence	943-2467	5
28170	PARSON Roger	657-3432	6
28200	XXXX	00	
28240	SEROWIK Robt	657-2097	5
28485	VEGA Mike	943-1407	+0
28540	BAGLEY M J	657-3372	
28594	YOUNG Patricia	943-8772	9
28649	XXXX	00	
28660	XXXX	00	
28685	XXXX	00	
28701	MAANIKA Michael T	657-5633	+0
	★MAC AIRE	**657-1455**	+0
	MCCOLLUM Arthur	657-7765	
	MCCOLLUM Joyce	657-7765	
	MCCOLLUM Joyce A	657-3442	+0
	★MCCOLLUM THRGHBRD	**657-4800**	9
28740	EVANS Andrew 2D	657-7733	5
	SCOTT Barbara	943-0558	
	SCOTT Jas	943-0558	9
28781	COHEN Martin M	657-7070	5
28782	TYNER Scott	657-3550	
	TYNER Sheree	657-3550	
28886	WICKERSHEIM Oliver	657-2746	3
28905	HOVERMALE Roy	657-9612	
28990	KENDALL E C	657-5313	
29175	XXXX	00	
29483	LOPEZ Martin	657-2724	5
29565	GESS Vernon	657-5035	
29675	CUPPLES Wm Wayne	657-3513	+0
29685	XXXX	00	
29765	GARNER Don	657-4722	6
29799	HERNANDEZ David	657-2381	
	HERNANDEZ L	657-2381	
29829	SUMMIT C	657-8256	
	SUMMIT T	657-8256	
29875	HAASE Eugene	657-3326	
29905	XXXX	00	
29915	GARRISON E	657-9336	
	GARRISON R	657-9336	
29995	REYES Mike R	657-6001	6

★ 3 BUS 40 RES 5 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

TRADEWINDS DR 1990



TRADE WINDS DR 92380
ROMOLAND

25080	★F&F SERVICES	943-8873	+0
	FLOOD Mary	943-3776	6
25105	XXXX	00	
25110	★ROMOLAND TREE FARMS	657-6336	5
25204	JOERGER Wm L	943-4880	7
25237	MADORE Paul	943-5713	7
25240	XXXX	00	
25301	XXXX	00	
25308	XXXX	00	
25746	MONROE Jas W	657-3070	6
25762	XXXX	00	
25765	ARD Lester	657-7722	
25780	XXXX	00	
25785	STANTON Lee H	657-0167	2
25792	MCCARROLL Elsie	657-8722	
	MCCARROLL Robert	657-8722	
25795	WRIGHT Jane E	657-7109	1
25810	MCCARROLL Walter A	657-8381	5
25811	BRYANT Jessie	657-7934	
25822	BELLING Wilbert	657-9732	
25825	MARRACCINI Chas	657-7030	
25840	PESSANO Paul	657-2005	
25841	CRISMORE Richard W	657-7026	
25852	XXXX	00	
25871	WALLING Corrine	657-8626	
25880	XXXX	00	
25885	JONES Arley	657-2925	
25900	XXXX	00	
25901	AHMAD Zeyad M	943-4300	7
25915	XXXX	00	
25927	ODETTE Jerome P	943-5915	+0
25930	XXXX	00	
25943	XXXX	00	
25960	SCHOLTZ John H	657-7205	
25981	XXXX	00	
25984	EVANS John W	657-1323	

★ 2 BUS 34 RES 2 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

MAPES RD 1985

22343	LEWIS ALBERT	657-5409	
22367	LEWIS RUTLEDGE	657-2540	
23010	BUNCH DORIS MRS	657-2908	
23070	MCKINLEY ANNETTE	943-4266	+5
23085	FLORES GEO	943-2551	4
23230	NICHOLAS HILDA	657-9354	+5
23290	XXXX	00	
23325	CUEBAS ISMAEL	657-4095	+5
23741	WEATHERSBY OSCAR	657-3010	1
23745	XXXX	00	
23751	**R&B AUTO WRCKRS**	**657-8574**	1
	R&B AUTO WRECKERS	**785-1998**	1
	TAYLOR J C	657-7162	
23983	XXXX	00	
★	2 BUS 12 RES	3 NEW	

MAPES RD 92380
ROMOLAND

27570	BALL JOHN T	657-2059	0
27650	**AIRCRAFT CARRIER**	**943-2626**	+5
27675	**MERSHON PLASTERING**	**657-1355**	1
28130	BROWNLOW CLARENCE	943-2467	+5
28170	PARSONS ANN	657-5642	+5
28240	SEROWIK ROBT	657-2097	+5
28462	XXXX	00	
28521	RECKER C E	657-4080	+5
28540	BAGLEY M J	657-3372	
28594	WEST JOHN	657-1530	0
28649	XXXX	00	
28660	MIMS EDWIN	657-7728	0
28685	XXXX	00	
28701	DUNLAP A T	943-4393	+5
	RANCHO KAHANA	**657-1809**	4
28740	BLAUER SHAUN	657-0138	+5
	EVANS ANDREW 3D	657-7733	+5
	MAYES JAS	657-7098	+5
28781	COHEN MARTIN M	657-7070	+5
28782	TYNER SCOTT	657-3550	1
28886	WICKERSHEIM OLIVER	657-2746	3
28905	HOVERMALE ROY	657-9612	0
28990	KENDALL E C	657-5313	
29483	LOPEZ MARTIN	657-2724	+5
29565	GESS VERNON	657-5035	9
29685	XXXX	00	
29765	CHANDLER EDW	657-3734	3
29799	XXXX	00	
29875	HAASE EUGENE	657-3326	0
29915	GARRISON R	657-9336	2
29995	XXXX	00	
★	3 BUS 28 RES	11 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

TRADEWINDS DR 1985

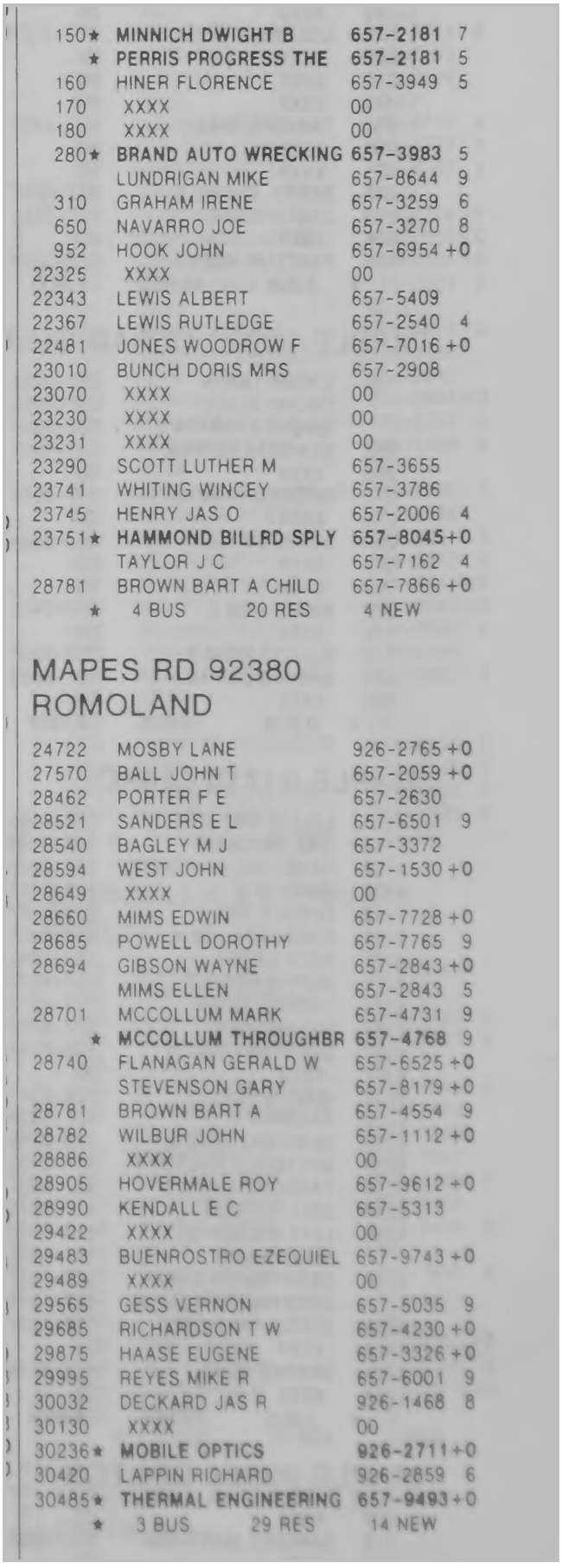
TRADE WINDS DR 92380
ROMOLAND

25080	MORTON JAS	657-7064	+5
25110	ROMOLAND TREE FARMS	657-6336	+5
25745	XXXX	00	
25746	XXXX	00	
25762	COLE LEO	943-3601	+5
25765	ARD LESTER	657-7722	
25785	STANTON LEE H	657-0167	2
25792	MCCARROLL ELSIE	657-8722	1
	MCCARROLL ROBERT	657-8722	
25795	WRIGHT JANE E	657-7109	1
25810	MCCARROLL WALTER A	657-8381	+5
25811	BRYANT JESSIE	657-7934	6
25822	BELLING WILBERT	657-9732	0
25825	MARRACCINI CHAS	657-7030	6
25840	PESSANO PAUL	657-2005	7
25841	CRISMORE RICHARD W	657-7026	6
25855	PRIORE DAN	657-1002	0
25870	DEISS JOE E	657-8424	8
25871	WALLING CORRINE	657-8626	9
25880	XXXX	00	
25885	JONES ARLEY	657-2925	2
25900	XXXX	00	
25901	BOSLEY ALGIE B	657-8149	6
25930	XXXX	00	
25943	XXXX	00	
25960	SCHOLTZ JOHN H	657-7205	
25961	XXXX	00	
25984	EVANS JOHN W	657-1323	8

★ 1 BUS 27 RES 4 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

MAPES RD 1980



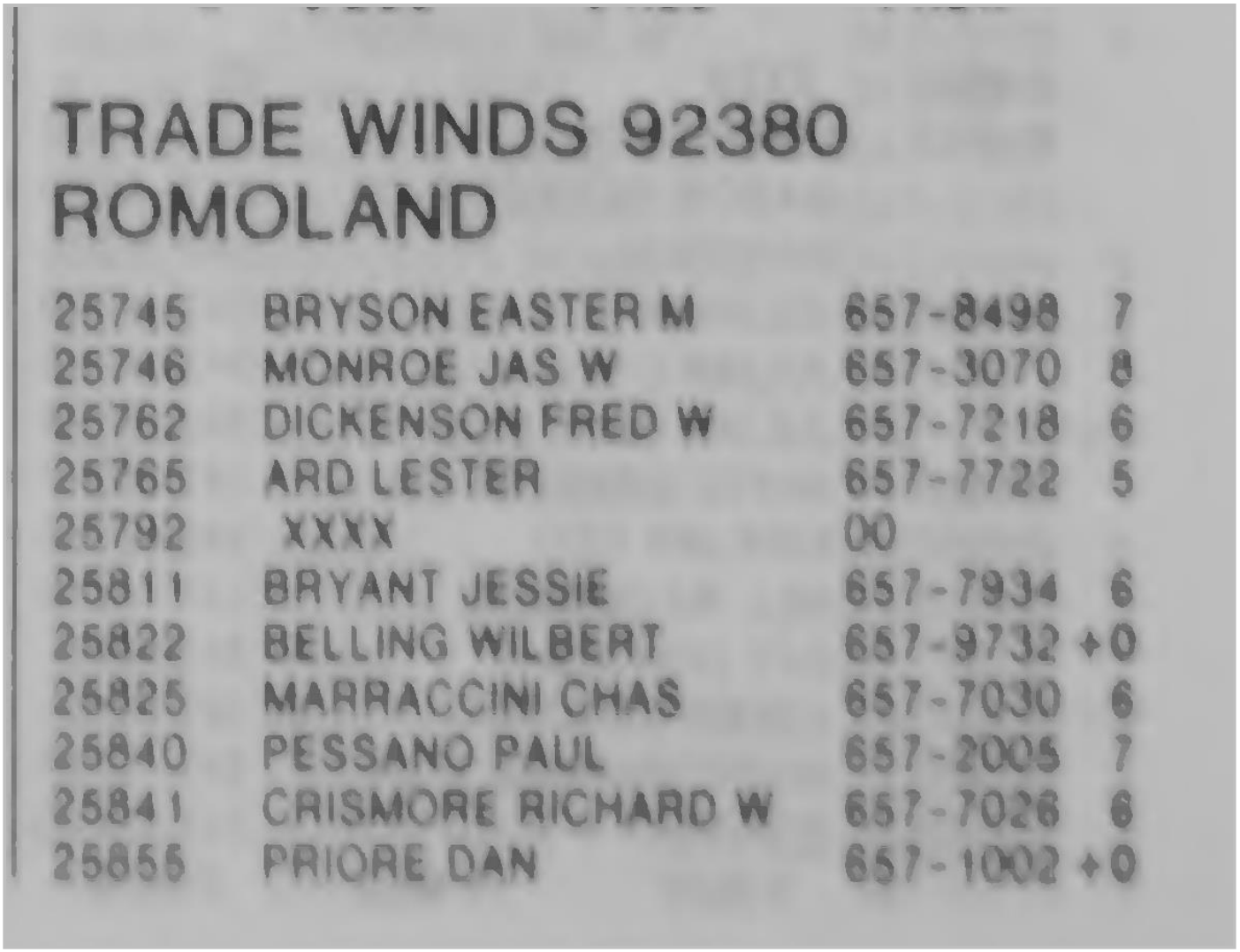
150★	MINNICH DWIGHT B	657-2181	7
★	PERRIS PROGRESS THE	657-2181	5
160	HINER FLORENCE	657-3949	5
170	XXXX	00	
180	XXXX	00	
280★	BRAND AUTO WRECKING	657-3983	5
	LUNDRIGAN MIKE	657-8644	9
310	GRAHAM IRENE	657-3259	6
650	NAVARRO JOE	657-3270	8
952	HOOK JOHN	657-6954	+0
22325	XXXX	00	
22343	LEWIS ALBERT	657-5409	
22367	LEWIS RUTLEDGE	657-2540	4
22481	JONES WOODROW F	657-7016	+0
23010	BUNCH DORIS MRS	657-2908	
23070	XXXX	00	
23230	XXXX	00	
23231	XXXX	00	
23290	SCOTT LUTHER M	657-3655	
23741	WHITING WINCEY	657-3786	
23745	HENRY JAS O	657-2006	4
23751★	HAMMOND BILLRD SPLY	657-8045	+0
	TAYLOR J C	657-7162	4
28781	BROWN BART A CHILD	657-7866	+0
★	4 BUS 20 RES	4 NEW	

MAPES RD 92380
ROMOLAND

24722	MOSBY LANE	926-2765	+0
27570	BALL JOHN T	657-2059	+0
28462	PORTER F E	657-2630	
28521	SANDERS E L	657-6501	9
28540	BAGLEY M J	657-3372	
28594	WEST JOHN	657-1530	+0
28649	XXXX	00	
28660	MIMS EDWIN	657-7728	+0
28685	POWELL DOROTHY	657-7765	9
28694	GIBSON WAYNE	657-2843	+0
	MIMS ELLEN	657-2843	5
28701	MCCOLLUM MARK	657-4731	9
★	MCCOLLUM THROUGHBR	657-4768	9
28740	FLANAGAN GERALD W	657-6525	+0
	STEVENSON GARY	657-8179	+0
28781	BROWN BART A	657-4554	9
28782	WILBUR JOHN	657-1112	+0
28886	XXXX	00	
28905	HOVERMALE ROY	657-9612	+0
28990	KENDALL E C	657-5313	
29422	XXXX	00	
29483	BUENROSTRO EZEQUIEL	657-9743	+0
29489	XXXX	00	
29565	GESS VERNON	657-5035	9
29685	RICHARDSON T W	657-4230	+0
29875	HAASE EUGENE	657-3326	+0
29995	REYES MIKE R	657-6001	9
30032	DECKARD JAS R	926-1468	8
30130	XXXX	00	
30236★	MOBILE OPTICS	926-2711	+0
30420	LAPPIN RICHARD	926-2859	6
30485★	THERMAL ENGINEERING	657-9493	+0
★	3 BUS 29 RES	14 NEW	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

TRADEWINDS DR 1980

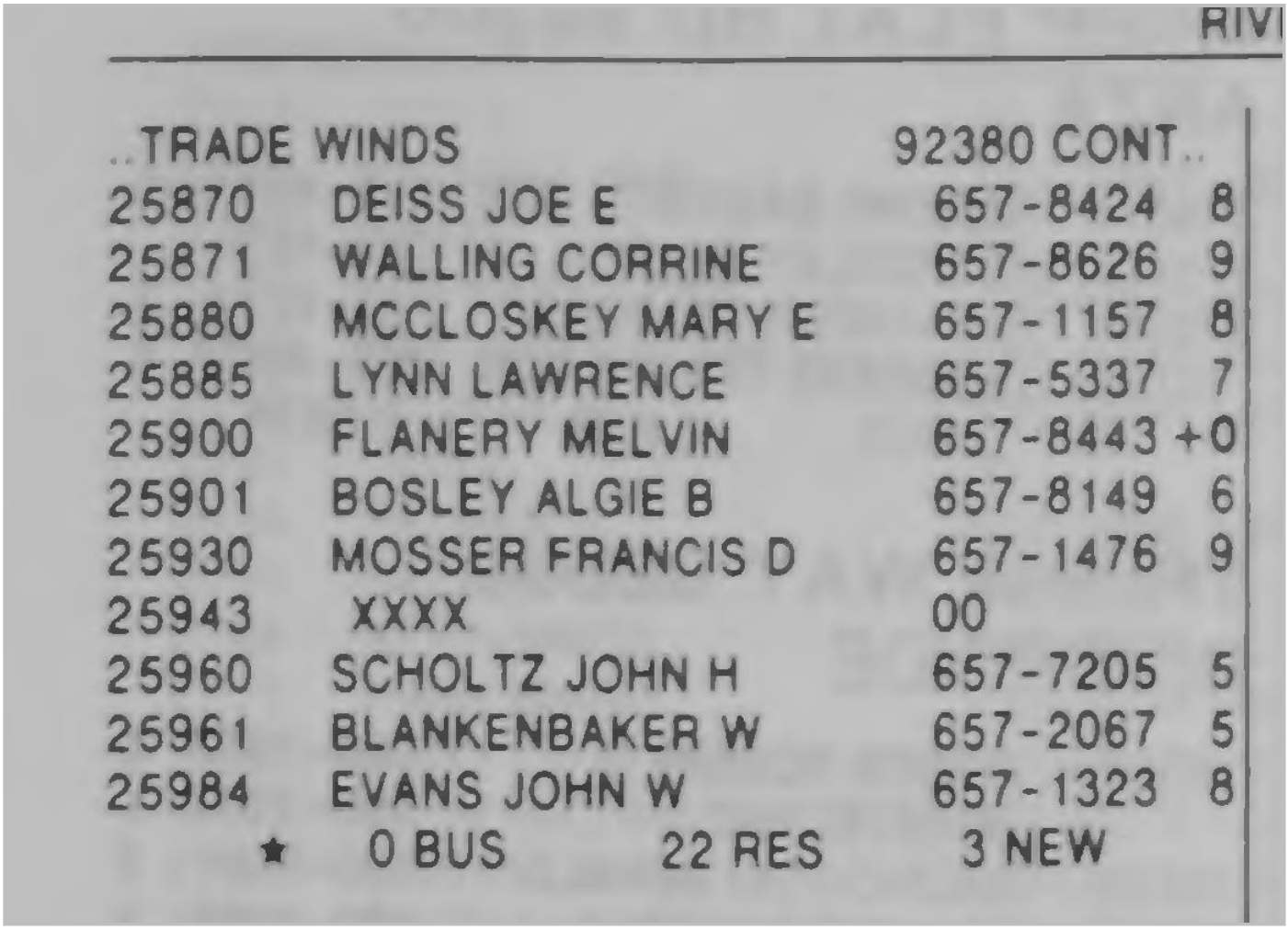


TRADE WINDS 92380
ROMOLAND

25745	BRYSON EASTER M	657-8498	7
25746	MONROE JAS W	657-3070	8
25762	DICKENSON FRED W	657-7218	6
25765	ARD LESTER	657-7722	5
25792	XXXX	00	
25811	BRYANT JESSIE	657-7934	6
25822	BELLING WILBERT	657-9732	+0
25825	MARRACCINI CHAS	657-7030	6
25840	PESSANO PAUL	657-2005	7
25841	CRISMORE RICHARD W	657-7026	6
25855	PRIORE DAN	657-1002	+0

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

TRADEWINDS DR 1980



RIVI

..TRADE WINDS 92380 CONT..

25870	DEISS JOE E	657-8424	8
25871	WALLING CORRINE	657-8626	9
25880	MCCLOSKEY MARY E	657-1157	8
25885	LYNN LAWRENCE	657-5337	7
25900	FLANERY MELVIN	657-8443	+0
25901	BOSLEY ALGIE B	657-8149	6
25930	MOSSER FRANCIS D	657-1476	9
25943	XXXX	00	
25960	SCHOLTZ JOHN H	657-7205	5
25961	BLANKENBAKER W	657-2067	5
25984	EVANS JOHN W	657-1323	8

★ 0 BUS 22 RES 3 NEW

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

MAPES RD 1976

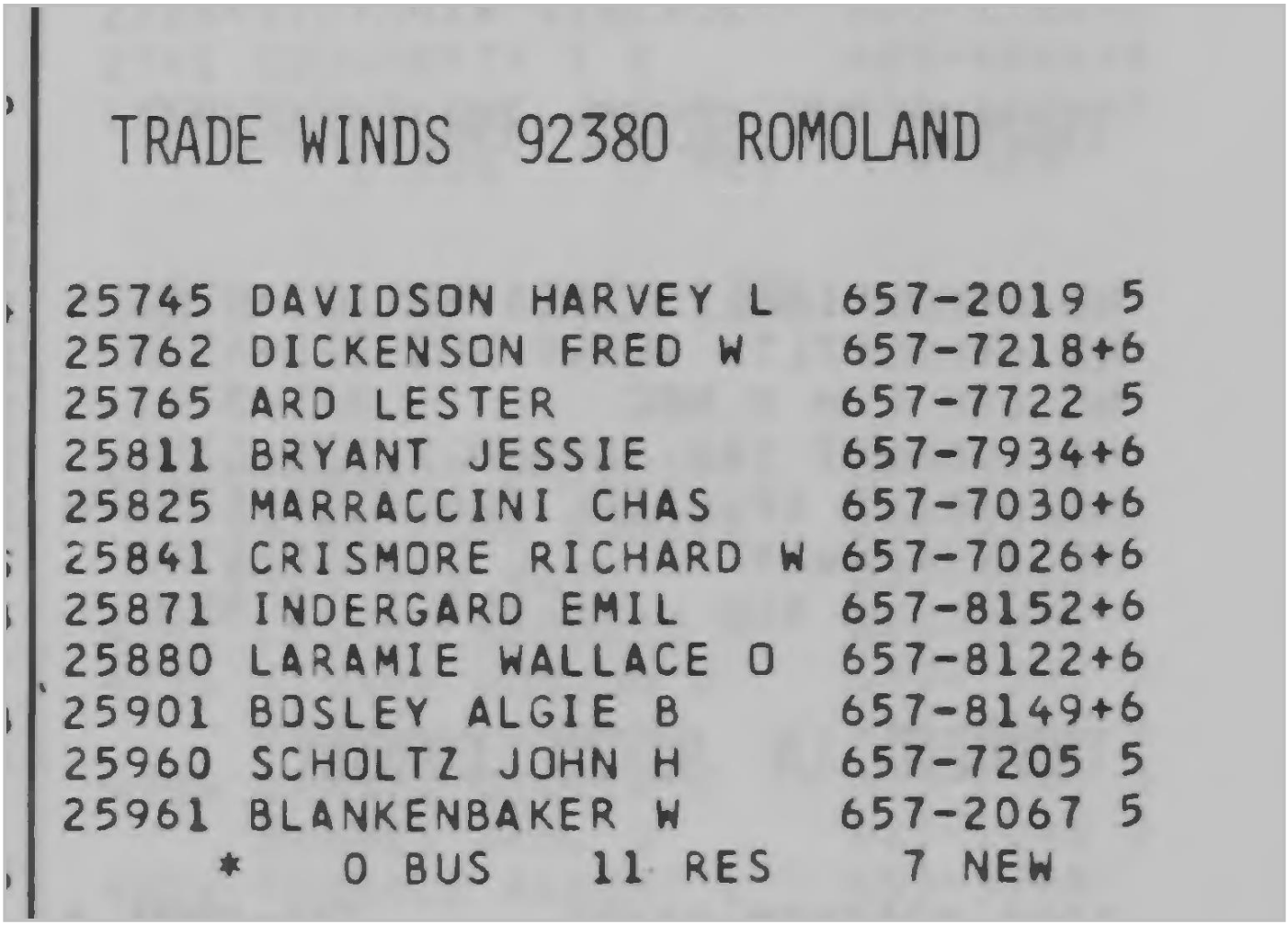
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  150 MINNICH DWIGHT B    657-5744+6
    *PERRIS PROGRESS THE  657-2181 5
  160 HINER FLORENCE      657-3949 5
  170  XXXX               OO
  180  XXXX               OO
  280*BRAND AUTO WRECKING 657-3983 5
  310 GRAHAM IRENE        657-3259+6
22325 SMITH MARGUERITE L  657-6425
22343 LEWIS ALBERT        657-5409
22367 LEWIS RUTLEDGE      657-2540 4
23010 BUNCH DORIS MRS     657-2908
23230  XXXX               OO
23231 SANDERS MARY        657-2988
23290 SCOTT LUTHER M      657-3655
23741 WHITING WINCEY      657-3786
23745 HENRY JAS O         657-2006 4
23751*PERRIS AUTO WRECKER 657-4871+6
      TAYLOR J C          657-7162 4
     *   3 BUS   15 RES    3 NEW

 MAPES RD  92380  ROMOLAND

28462 PORTER F E          657-2630
28540 BAGLEY M J          657-3372
28649 STEPHEN ROBT J      657-2557
28694 MIMS EDWIN          657-2843 5
      MIMS ELLEN          657-2843 5
28740 BURROWS V           657-7836+6
28782 REID RICHARD T      657-7134 5
28886  XXXX               OO
28990 KENDALL E C         657-5313
29422 MOSBY LANE          926-2765+6
29489  XXXX               OO
30032 HORNBACK VERNON     926-1002+6
30130 WHEAT INGA M        926-2095+6
30420 LAPPIN RICHARD      926-2859+6
     *   0 BUS   14 RES    5 NEW
```

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

TRADEWINDS DR 1976



TRADE WINDS 92380 ROMOLAND

25745	DAVIDSON HARVEY L	657-2019 5
25762	DICKENSON FRED W	657-7218+6
25765	ARD LESTER	657-7722 5
25811	BRYANT JESSIE	657-7934+6
25825	MARRACCINI CHAS	657-7030+6
25841	CRISMORE RICHARD W	657-7026+6
25871	INDERGARD EMIL	657-8152+6
25880	LARAMIE WALLACE O	657-8122+6
25901	BOSLEY ALGIE B	657-8149+6
25960	SCHOLTZ JOHN H	657-7205 5
25961	BLANKENBAKER W	657-2067 5

* 0 BUS 11 RES 7 NEW

APPENDIX F

OTHER DOCUMENTS

THORNBURGH
CONSULTING, INC.

Phase I ESA - Environmental Questionnaire

Instructions: The following questionnaire should be completed by a person designated by the Property Owner/Manager that is most knowledgeable about its usage, condition and history. Please complete and return to Thornburgh via email, or in person during the site inspection.

Email: stephen.k@thornburghconsulting.com

General:

Property Name: Mount Vista Project

Street Address: NWC of Mapes Rd. and Palomar Rd.

City, ST Zip: Unincorporated Romoland, CA

Completed by: Gary Weintraub (Name)

Company: Watermarke Homes, LLC

Signature: _____

Date: June 03, 2025

Number of years at or familiar with the Property: _____

Site Description:

Block & Lot #(s): _____

Property Size: Approx. 38 Total Acres

Number of building(s): 0

Building Size(s) N/A

Year(s) Built: N/A

# of units: (if appl.) N/A

Type of Property: Graded Vacant Land

Utilities and Services: (please check "Yes", "No" or "NA-Not Applicable") and indicate provider if "Yes".

Utility	Yes	No	NA	Name of Provider	Service	Yes	No	NA	Name of Provider
Water		X			Fuel Oil		X		
Sewer		X			HVAC Maint.		X		
Power		X			Elev Maint.		X		
Nat Gas		X			Septic Maint.		X		
Telephone		X			Pool Maint.		X		

THORNBURGH
CONSULTING, INC.

Instructions: Please answer each question. Check "D/K" if you don't know, or otherwise lack sufficient knowledge of the Property to answer the question.

	PREVIOUS INVESTIGATIONS	
1.	Have any previous environmental investigations (e.g.- Phase I Environmental Site Assessment, soil/groundwater testing, radon testing, asbestos survey, tank closure/removal reports, etc.) been performed at the Property?	■ Yes ☐ No ☐ D/K
2.	If yes, what concerns were indicated or recommendations made? *(please provide a copy of all previous environmental reports)* Phase 1 ESA dated February 23,2021 by GeoSoils recommended trash and debris removal	
	PROPERTY USAGE	
3.	To the best of your knowledge, is the Property or any adjoining property currently occupied or formerly occupied for industrial purposes? If yes, please elaborate:	Property: ☐ Yes ☒ No ☐ D/K Adj. Property: ☐ Yes ☒ No ☐ D/K
4.	Is the property or any adjoining property currently used, or have they ever been used, as a gasoline filling station, dry cleaning facility, automotive service/repair shop, auto body repair shop, commercial printing facility, photo development laboratory shop, junkyard, landfill, or as a waste treatment, storage disposal, recycling or processing facility? If yes, please elaborate:	Property: ☐ Yes ☒ No ☐ D/K Adj. Property: ☐ Yes ☒ No ☐ D/K
5.	Have any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries,, or any other waste materials been dumped above grade, buried and/or burned on the property?	☐ Yes ☒ No ☐ D/K
	BULK STORAGE TANKS	
6.	Are there currently, or have there been previously, any registered or unregistered above ground or underground storage tanks located at the Property? *If YES, please provide number, size, age of tanks, permits, closure reports, regulatory agency correspondence, and related information.*	Current Tanks: ☐ Yes ☒ No ☐ D/K Previous Tanks: ☐ Yes ☒ No ☐ D/K
7.	Are there currently, or have there been previously, any vent pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property?	Current: ☐ Yes ☒ No ☐ D/K Previous: ☐ Yes ☒ No ☐ D/K
8.	Are there currently, or have there been previously, any leakage of hazardous substances or petroleum products from above ground or underground storage tank systems at the Property?	Current: ☐ Yes ☒ No ☐ D/K Previous: ☐ Yes ☒ No ☐ D/K

THORNBURGH
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	SPILLS, RELEASES, WASTES	
9.	Are there currently, or have there been previously, any waste discharges on or adjacent to the property, other than storm water or into a municipal sanitary sewer system? If yes, please elaborate:	Current: ☐ Yes ☒ No ☐ D/K Previous: ☐ Yes ☒ No ☐ D/K
10.	Are there currently, or have there been previous, any septic systems, dry wells or leach fields on the property? If yes, please elaborate:	Current: ☐ Yes ☒ No ☐ D/K Previous: ☐ Yes ☐ No ☒ D/K
11.	Are there currently, or have there been previously, any flooring, drains or walls located within the facility that are, or have been, stained by substances (or, in the case of drains, used for) other than water or are emanating foul odors? If yes, please elaborate:	Current: ☐ Yes ☒ No ☐ D/K Previous: ☐ Yes ☒ No ☐ D/K
12.	Are there currently, or have there been previously, any spills or releases of hazardous substances or petroleum products within the building(s) or on the exterior of the Property?	Current: ☐ Yes ☒ No ☐ D/K Previous: ☐ Yes ☒ No ☐ D/K
13.	Has any non-native and/or contaminated fill material been deposited on the Property?	☐ Yes ☒ No ☐ D/K
14.	Have any current or former property occupants generated hazardous wastes or other wastes (such as waste oil, or medical wastes) that required non-conventional storage, handling and/or disposal methods? *If YES, please indicate type of waste and the name of the waste handling contractor:*	☐ Yes ☒ No ☐ D/K
	TRANSFORMERS/HYDRAULIC EQUIPMENT	
15.	Are any power transformers, capacitors or hydraulic equipment present at the Property? If yes, please elaborate:	☐ Yes ☒ No ☐ D/K
16.	If power transformers are present, who owns them?	☐ Yes ☐ No ☐ D/K
17.	If hydraulic equipment is present, indicate age of equipment and name/telephone # of service contactor:	☐ Yes ☒ No ☐ D/K

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	REGULATORY DISCLOSURE	
18.	Have there been any environmental liens or governmental notification or involvement relating to past or current use or disposal of hazardous substances with respect to the property of any facility or structure located on the property?	☐ Yes ☐ No ☐ D/K
19.	If the property is served by a private well or non-public water system, have contaminants been identified in the well or system that exceed guidelines applicable to the water system, or has the well been designated as contaminated by any government environmental/health agency? *(if not applicable, please check* NO*)*	☐ Yes ☒ No ☐ D/K
20.	Is there any environmental litigation, administrative action or cleanup action involving the property related to a release or threatened release of any hazardous substance or petroleum product?	☐ Yes ☒ No ☐ D/K
21.	Are you aware of testing of any environmental media (soil, groundwater, surface water, etc.) at the property which identified levels of contaminants in excess of regulatory standards and/or cleanup guidelines?	☐ Yes ☒ No ☐ D/K
	ENVIRONMENTAL/BUILDING CONDITIONS	
22.	Has asbestos testing ever been conducted at the Property? *If YES, please forward a copy of test results and/or survey reports:*	☐ Yes ☒ No ☐ D/K
23.	Are any asbestos containing materials present at the Property? If yes, please elaborate:	☐ Yes ☒ No ☐ D/K
24.	Has lead paint testing ever been conducted at the Property? *If YES, please forward a copy of test results.*	☐ Yes ☒ No ☐ D/K
25.	Is lead-based paint present at the Property? If yes, please elaborate:	☐ Yes ☒ No ☐ D/K
26.	Has radon testing ever been conducted at the Property? *If YES, please forward a copy of test results.*	☐ Yes ☒ No ☐ D/K
27.	Are there any problems with water intrusion, water damaged surfaces or excessive mold growth within the buildings? If yes, please elaborate:	☐ Yes ☒ No ☐ D/K

COMMENTS:

For any questions answered "YES" that warrant further elaboration, please use the following space as necessary:

U.S. Fish and Wildlife Service
National Wetlands Inventory

Map



June 4, 2025

Wetlands

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

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

APPENDIX G

PROJECT PERSONNEL QUALIFICATIONS

Davis Tang

Divisional Manager

EDUCATION:

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

CERTIFICATIONS:

OSHA 40-Hour HAZWOPER Training

EPA/ AHERA Certified Asbestos Consultant

CDPH Accredited Lead Inspector/Assessor

Nevada Certified Asbestos Abatement Consultant

YEARS OF EXPERIENCE:

Other Environmental Firms: 9 years

With Thornburgh: 0.5 year

Total: 9.5 years

PROFESSIONAL EXPERIENCE:

Mr. Tang provides technical consulting for due diligence, environmental site assessments, indoor air quality investigations, water sampling, asbestos investigation and sampling, and mold investigations. He meets the educational and experience criteria of an Environmental Professional as defined in §312.10 of 40 C.F.R. 312.

Mr. Tang is well-versed in the requirements of the Occupational Safety and Health Administration (OSHA), the Environmental Protection Agency (EPA), the National Institute for Occupational Safety and Health (NIOSH), and numerous other federal, state, and local regulations and guidelines which affect environmental health and safety.

Representative experience includes:

Irvine Company Apartment Communities (ICAC), Various locations: Thornburgh has been providing ICAC with asbestos surveys, air monitoring, bid administration, microbial investigations O&M programs and indoor air quality programs on their residential properties throughout Southern California. Mr. Tang served as Project Manager on various projects.

Richland Communities, Southern California: Thornburgh performs environmental due diligence for Richland Communities throughout Southern California. Our services include Phase I environmental site assessments, asbestos surveys, and O&M programs for various properties. Mr. Tang served as Project Manager on various projects.

Brookfield Residential, Southern California: Thornburgh has been providing hazardous materials surveys, environmental due diligence, and electromagnetic field surveys at various Brookfield owned sites throughout California. Mr. Tang served as Project Manager on various projects.

Integral Properties, Orange, CA:
Thornburgh conducted an extensive hazardous materials survey within a former JC Penny box-store. Served as a liaison with contractors to field remediation bids for the demolition of the site. Mr. Tang served as Project Manager.

VCC Construction Corp, Los Angeles, CA: Thornburgh provided industrial hygiene services related to the future redevelopment of a former gas station. Services included construction storm water sampling, monitoring, and consultation. Mr. Tang served as Project Manager.

Stephen Krummlett

Divisional Manager – Environmental Engineering

EDUCATION:

B.A. Environmental Science, University of California, Irvine, CA

CERTIFICATION:

Cal-OSHA Certified Site Surveillance Technician

CDPH Accredited Lead Inspector/Assessor

OSHA 40 – Hr. HAZWOPER

Nevada Certified Asbestos Abatement Consultant

YEARS OF EXPERIENCE:

With other firms: 7.5 years

With Thornburgh: 0.5 years

Total: 8 years

PROFESSIONAL EXPERIENCE:

Mr. Krummlett is responsible for field operations, report quality assurance, and field staff management for Thornburgh's Environmental Engineering Division. He meets the educational and experience criteria of an Environmental Professional as defined in §312.10 of 40 C.F.R. 312. He oversees all environmental due diligence performed by Thornburgh Consulting including but not limited to Phase I Environmental Site Assessments, Phase II Subsurface Investigations, and Phase III Site Remediation. Mr. Krummlett also has experience in managing site remediation cases with various agencies including the California Department of Toxic Substance Control, the California Regional Water Quality Control Board, the Environmental Protection Agency, and various local agencies.

Representative Experience Includes:

Meritage Homes, Southern California: Thornburgh performs environmental due diligence for Meritage Homes throughout Southern California. Our services include Phase I environmental site assessments, Phase II subsurface investigations, asbestos surveys, and O&M programs for various prospective residential properties. Mr. Krummlett is the project manager for this contract, conducting on-site environmental services including Phase I site assessments and overseeing Phase II subsurface investigations.

Toll Brothers, Southern California:
Thornburgh performs environmental due diligence for Toll Brothers Residential throughout Southern California. These services include but are not limited to phase I environmental site assessments, phase II subsurface investigations, asbestos and lead surveys, air monitoring, bid administration and O&M programs. Mr. Krummlett is the project manager for this contract performing Phase I environmental site assessments, overseeing Phase II subsurface investigations, and assisting with asbestos and lead surveys.

Brookfield Residential, Southern California: Thornburgh has been providing hazardous materials surveys, environmental due diligence, and electromagnetic field surveys at various Brookfield owned sites throughout California. Mr. Krummlett functions as the project manager for this contract.

Richland Communities, Southern California: Thornburgh performs environmental due diligence for Meritage Homes throughout Southern California. Our services include Phase I environmental site assessments, Phase II subsurface investigations, asbestos surveys, and O&M programs for various properties. Mr. Krummlett is the project manager for this contract, conducting on-site environmental services including Phase I site assessments, overseeing Phase II subsurface investigations, and managing the removal of hazardous materials prior to site redevelopment.