

Phase I Environmental Site Assessment & Phase II Investigation – Pesticide Sampling

**14010 Remington
Irvine, California**

Prepared for:
Roman Catholic Diocese of Orange
132870 Chapman Avenue
Irvine, California 92840

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June 26, 2024
Project No. RCDO-00001

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Roman Catholic Diocese of Orange (RCDO)
132870 Chapman Avenue
Garden Grove, California 92840

Subject: **Phase I Environmental Site Assessment &
Phase II Investigation – Pesticide Sampling**
14010 Remington
Irvine, California

Dear Roman Catholic Diocese of Orange:

Enercon Services, Inc. (ENERCON) has performed a Phase I Environmental Site Assessment (ESA) and Phase II Investigation – Pesticide Sampling for the above-referenced subject property located in Irvine, California (subject property). Work was completed in accordance with the proposal dated August 25, 2023, between RCDO and ENERCON. RCDO is performing this Phase I ESA and Phase II- Pesticide Sampling in preparation for potential on-site re-development with additional buildings. The attached report presents our methodology, findings, opinions, and conclusions regarding the environmental conditions at the subject property. We appreciate the opportunity to be of service on this project. If there are any questions, please feel free to contact the undersigned at your convenience.

Sincerely,

Enercon Services, Inc.



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Principal Technical Specialist



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Distribution: (1) Addressee (electronic copy)



TABLE OF CONTENTS

	<u>PAGE</u>
EXECUTIVE SUMMARY	1
1. INTRODUCTION	3
1.1. Purpose of Phase I ESA	3
1.2. Involved Parties	4
1.3. Scope of Work	5
1.4. Limitations and Exceptions	6
1.5. Special Terms and Conditions	6
1.6. User Reliance	7
1.7. Physical Limitations	7
1.8. Data Gaps	7
2. GENERAL SUBJECT PROPERTY CHARACTERISTICS	7
2.1. Location and Legal Description	7
2.2. Subject Property Description and Current Uses/Operations	7
2.2.1. Subject Property Description	8
2.2.2. Occupants	8
2.2.3. Heating and Cooling Systems	8
2.2.4. Sewage Disposal/Septic Systems	8
2.2.5. Potable Water	8
2.3. Adjoining Properties	8
3. USER PROVIDED INFORMATION	8
3.1. Current Title Information	9
3.2. Environmental Liens or Activity and Use Limitations	9
3.3. Specialized Knowledge	9
3.4. Valuation Reduction for Environmental Issues	9
3.5. Commonly Known or Reasonably Ascertainable Information	9
3.6. Degree of Obviousness	10
3.7. Reason for Performing Phase I ESA	10
3.8. Other User Provided Information	10
4. PHYSICAL SETTING	10
4.1. Topography	11
4.2. Geology	11
4.3. Hydrology	11
4.3.1. Surface Waters	11
4.3.2. Groundwater	11
4.4. Oil and Gas Maps	11
5. HISTORICAL LAND USE	12
5.1. Summary of Historical Land Use of the Property	12
5.2. Summary of Historical Land Use of Adjoining Properties	12
5.3. Fire Insurance Rate Maps	12
5.4. Building Department	12
5.5. Historical Aerial Photographs	13
5.6. City Directories	13
5.7. Historical Topographic Maps	13

5.8.	Interviews.....	13
5.8.1.	Interview with Owner.....	13
5.8.2.	Interview with Site Manager.....	14
5.8.3.	Interviews with Occupant.....	14
5.8.4.	Interviews with Local Government Officials	14
5.8.5.	Interviews with Others.....	14
5.9.	Previous Reports and Documents.....	14
6.	SITE RECONNAISSANCE	14
6.1.	Use and Storage of Hazardous Substances and Petroleum Products	14
6.2.	Storage and Disposal of Hazardous Wastes	15
6.3.	Unidentified Substance Containers	15
6.4.	Aboveground Storage Tanks (ASTs) and Underground Storage Tanks (USTs)	15
6.5.	Evidence of Releases	15
6.6.	Polychlorinated Biphenyls (PCBs).....	15
6.7.	Suspect Asbestos-Containing Building Materials (ACMs).....	15
6.8.	Lead Based Paint (LBP)	15
6.9.	Indications of Water Damage or Mold Growth	15
6.10.	Wastewater Systems	16
6.11.	Stormwater Systems.....	16
6.12.	Wells	16
6.13.	Other Subsurface Structures	16
6.14.	Other Issues	16
7.	ENVIRONMENTAL DATABASE SEARCH	16
7.1.	Federal National Priorities List (NPL): Distance Searched – One mile	17
7.2.	Federal Delisted NPL: Distance Searched – One mile.....	17
7.3.	Federal Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) List: Distance Searched – 0.5 mile.....	17
7.4.	Federal Corrective Action Report (CORRACTS): Distance Searched – One mile.....	18
7.5.	Federal Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal (TSD) Facilities List: Distance Searched – 0.5 mile.....	18
7.6.	Federal RCRA Generators List: Distance Searched – Subject Property and Adjoining Properties	18
7.7.	Federal Institutional Control/Engineering Control Registries: Distance Searched – 0.5 mile	18
7.8.	Federal Emergency Response Notification System (ERNS) List: Distance Searched – Subject Property.....	19
7.9.	Federal Brownfield List: Distance Searched – 0.5 mile	19
7.10.	California EnviroStor or State-Equivalent CERCLIS: Distance Searched – One mile	19
7.11.	State Solid Waste Landfill Sites (SWLF): Distance Searched – 0.5 mile.....	20
7.12.	State Leaking Underground Storage Tank (LUST) Lists: Distance Searched – 0.5 mile	20
7.13.	State Underground Storage Tank (UST) and Aboveground Storage Tank (AST) Registration List: Distance Searched – Subject Property and Adjoining Properties.....	20
7.14.	State Voluntary Cleanup Programs (VCPs): Distance Searched – 0.5 mile.....	20
7.15.	Indian Reservations: Distance Searched – Subject Property	20
7.16.	Other Non-ASTM and AAI Database: Distance Searched – Subject Property	21
8.	VAPOR ENCROACHMENT CONDITION (VEC)	21
9.	REGULATORY RECORDS REVIEW	21

9.1.	Regional Water Quality Control Board, Santa Ana Region (RWQCB)	21
9.2.	Department of Toxic Substances Control (DTSC)	21
9.3.	South Coast Air Quality Management District (SCAQMD)	22
9.4.	Orange County Department of Public Works (OCDPW)	22
9.5.	Orange County Health Care Agency (OCHCA-CUPA)	22
10.	PHASE II SUBSURFACE INVESTIGATION	22
10.1.	Background	22
10.2.	Objectives	23
10.3.	Subsurface Investigation	23
10.3.1.	Pre-Field Activities	23
10.3.2.	Field Activities	24
10.3.3.	Soil Observations and Sample Collection	24
10.4.	Sample Analysis	24
10.4.1.	Soil Analyses	25
10.5.	Analytical Results	25
10.6.	Regulatory Guidelines and Data Evaluation	25
10.7.	Regulatory Guidelines for Soil	25
10.7.1.	Evaluation of Laboratory Results for Soil Samples	26
10.8.	Summary of Phase II Investigation Findings and Recommendations	26
11.	FINDINGS, OPINIONS, AND CONCLUSIONS	27
11.1.	Findings and Opinions	27
12.	CONCLUSIONS	27
13.	RECOMMENDATIONS	28
14.	REFERENCES	29
15.	QUALIFICATIONS STATEMENT AND SIGNATURE OF ENVIRONMENTAL PROFESSIONAL	30

Tables

Table 1 – Laboratory Results of Soil Samples

Figures

Figure 1 – Site Location Map

Figure 2 – Site Vicinity Map

Figure 3 – Boring Location Map

Appendices

Appendix A – Photographic Documentation

Appendix B – User Provided Information

Appendix C – Historical Land Use Records

Appendix D – Database Report

Appendix E – Regulatory Agency Records

Appendix F – Laboratory Report

Appendix G – Resumes

Acronyms

AAI	All Appropriate Inquiries
ACM	Asbestos-Containing Materials
APN	Assessor's Parcel Number
ASTM	American Society for Testing and Materials
AST	Aboveground Storage Tank
AUL	Activity and Use Limitations
AWP	Annual Work Plans
bgs	Below Ground Surface
CalGEM	California Department of Conservation, Geologic Energy Management Division
CERCLA	Compensation and Liability Act
CERCLIS	Compensation and Liability Information Systems
CFR	Code of Federal Regulations
CL	Silty Clay
CORRACTS	Corrective Action Report
CREC	Controlled Recognized Environmental Condition
DTSC	Department of Toxic Substances Control
ENERCON	Enercon Services, Inc.
ERIS	Environmental Risk Information Services
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
FOIA	Freedom of Information Act
HASP	Health and Safety Plan
HERO	Human and Ecological Risk Office
HREC	Historical Recognized Environmental Condition
IBS	Irvine Building and Safety Department
LBP	Lead-Based Paint
LQG	Large Quantity Generator
LUST	Leaking Underground Storage Tank
MCAS	Marine Corp Air Station
ML	Sandy Silt
msl	Mean Sea Level
NCP	National Oil and Hazardous Substances Pollution Contingency Plan
ND	No Detectable
NFA	No Further Action
NFRAP	No Further Remedial Action Planned
NPL	National Priorities List
OCDPW	Orange County Department of Public Works
OCHCA	Orange County Health Care Agency
OCP	Organochlorine Pesticides
OPP	Organophosphorus Pesticides
PCB	Polychlorinated Biphenyls
PID	Photoionization Detector
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act
RWQCB	Regional Water Quality Control Board
SCAQMD	South Coast Air Quality Management District
SEM	Superfund Enterprise Management System

SM	Silty Sand
SQG	Small Quantity Generator
SWRCB	State Water Resources Control Board
SWLF	Solid Waste Landfill Sites
SWIS	Solid Waste Information System
TBA	Targeted Brownfield's Assessments
TSD	Treatment, Storage, and Disposal
USEPA/EPA	United States Environmental Protection Agency
USGS	United States Geologic Survey
UST	Underground Storage Tank
VCP	Voluntary Cleanup Programs
VEC	Vapor Encroachment Condition
VOC	Volatile Organic Compound
VSQG	Very Small Quantity Generator
WMUD	Waste Management Unit Database

EXECUTIVE SUMMARY

Enercon Services, Inc. (ENERCON) was retained by Roman Catholic Diocese of Orange (RCDO) to perform a Phase I Environmental Site Assessment (ESA) and Phase II Investigation – Pesticide Sampling for the property located at 14010 Remington in Irvine, California (subject property). At the time of publication of this report, the subject property was occupied by a church and outbuildings. RCDO is performing the Phase I and Phase II ESAs prior to performing additional building and/or renovations on the subject property that may involve disturbing the soil. Document review and site assessment activities for this report were conducted between August 29, 2023, and June 17, 2024.

The following is a summary of the results of the Phase I ESA & Phase II Investigation:

- From at least 1938 through ca.1986, the subject property was utilized for agricultural purposes (orchards). From ca. 2000 through the time of publication of this report, the subject property has been occupied by a church facility, currently known as Our Lady of Peace Koren Catholic Center. The subject property is occupied by a sanctuary building and various outbuildings used for storage, a trash enclosure and solid waste dumpster, paved parking areas and associated landscaping.
- A groundwater monitoring well is present on the northwest corner of the subject property for the purpose of monitoring the quality of Orange County groundwater. The well is periodically sampled for alkalinity, boron, calcium, chloride, carbonate, fluoride, bicarbonate, potassium, magnesium, sodium, nitrate, pH, specific conductivity, sulfate, total dissolved solids (TDS), and temperature.
- According to a site plan provided to ENERCON by RCDO, there is an existing groundwater well on the southwestern portion of the subject property. There is no record of this well in the California State Water Control Board Database.
- A groundwater well is present on a residential property approximately 100 feet northwest of the subject property. Depth to groundwater in that well was last measured in the 1990s and was approximately 59 feet below the ground surface (bgs). Based on topography, the presumed direction of flow of the groundwater is to the northwest.
- Due to the potential for environmental impacts on the subject property from its historical agricultural use, ENERCON completed a Phase II limited subsurface investigation at the subject property concurrently with the preparation of the Phase I ESA. The results of the Phase I ESA and the limited subsurface investigation are presented together within this report. Based on the results of the subsurface investigation, three discrete soil samples had concentrations of arsenic and lead below regulatory limits. One composited soil sample had low detectable concentrations of two pesticides, 4,4-DDE and 4,4-DDT. The concentrations of the arsenic and lead and pesticides identified in soil samples from the subject property were below regulatory background levels.
- ENERCON identified the historical agricultural use of the subject property as a potential environmental concern. However, based on the results of the subsurface investigation completed by ENERCON at the subject property, no environmental impacts from the

historical agricultural use of the subject property were identified. Therefore, historical agricultural use is not an environmental concern.

- Then buildings on the subject property were constructed in 2000 and later; therefore, asbestos-containing materials (ACMs) and lead-based paints (LBPs) are not an environmental concern.
- No other on- or off-site environmental concerns were noted.

CONCLUSIONS

ENERCON has performed this Phase I ESA & Phase II Investigation in conformance with the scope and limitations of the American Society for Testing and Materials (ASTM) Practice E1527-27, ASTM Practice E2600-22, and the EPA Standards and Practices for All Appropriate Inquiries (AAI), Final Rule (40 CFR, Part 312), for the property 14010 Remington located in the city of Irvine, California. Any limitations or exceptions encountered during completion of this report are stated in Section 1.4. No evidence or indication of recognized environmental conditions (RECs), historical RECs (HRECs), controlled RECs (CRECs), or de minimis environmental conditions (i.e., conditions that generally do not present a material risk of harm to public health or the environment) have been revealed, except for the following:

RECs

- No RECs have been identified during the completion of this report.

HRECs

- No HRECs have been identified during the completion of this report.

CRECs

- No CRECs have been identified during the completion of this report.

De Minimis Conditions

- No *de minimis* conditions have been identified during the completion of this report.

Non-ASTM Conditions

- No non-ASTM conditions have been identified during the completion of this report.

RECOMMENDATIONS

Based on the information obtained during this assessment, ENERCON has no recommendations for additional investigations at this time.

1. INTRODUCTION

Enercon Services, Inc. (ENERCON) was retained by Roman Catholic Diocese of Orange (RCDO) to perform a Phase I Environmental Site Assessment (ESA) and Phase II Investigation – Pesticide Sampling for the subject property located at 14010 Remington in Irvine, California (subject property). At the time of publication of this report, the subject property was occupied by a church and outbuildings, a trash enclosure and a roll-off box, and paved parking areas with associated landscaping. The RCDO is considering renovation/new build activities on the site that may involve disturbing the soil. The following sections identify the purpose, involved parties, scope of work, and limitations and exceptions associated with the Phase I ESA.

1.1. Purpose of Phase I ESA

In accordance with the American Society for Testing and Materials (ASTM) E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM Standard E1527-21), the objective of the Phase I ESA was to identify, to the extent feasible pursuant to ASTM Standard E1527-21, recognized environmental conditions (RECs), historical RECs (HRECs), controlled RECs (CRECs), or conditions indicative of releases or threatened releases of hazardous substances on, at, in, or to the subject property.

ASTM defines REC 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 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.”

ASTM defines HRECs 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).”

ASTM defines CRECs as a “...REC affecting the subject property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous

substances or petroleum products allowed to remain in place subject to implementation of required controls (for example, activity and use limitations or other property use limitations)."

ASTM defines a de minimis condition as "...a condition related to a release that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

Other environmental considerations include subject property features or conditions that may have an environmental component of interest, but which do not meet the ASTM definition of a REC, CREC, or HREC. ASTM does not necessarily require any actions to address the presence or condition, but such conditions are identified for the sake of thoroughness and completeness.

The United States Environmental Protection Agency ("USEPA" or "EPA") has stated that ASTM Standard E1527-21, is consistent with the Standards and Practices for All Appropriate Inquiries (AAI), Final Rule (40 Code of Federal Regulations [CFR], Part 312) and is compliant with the statutory criteria for all appropriate inquiries. All appropriate inquiries, as defined in the AAI Final Rule, must be conducted by persons seeking the landowner liability protections under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) prior to acquiring a property or seeking or receiving federal Brownfields grants under the authorities of CERCLA. The purpose of AAI, as defined in the AAI Final Rule, was to identify releases and threatened releases of hazardous substances which cause or threaten to cause the incurrence of response costs.

As part of this Phase I ESA, ENERCON also assessed whether a vapor encroachment condition (VEC) exists at the subject property. The VEC assessment was completed following the ASTM E2600-22 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions (ASTM Standard E2600-22). The objective of this work was to evaluate the possibility that hazardous materials or other adverse environmental conditions are present due to past or present use of the subject property and/or properties in the subject property vicinity.

1.2. Involved Parties

Mr. Matt Pensaw of ENERCON conducted the site reconnaissance, Ms. Beth Ullom conducted regulatory inquiries, historical and document review and prepared the Phase I and

Phase II report. Mr. Pensaw performed field oversight of Phase II site activities documented the subsurface investigation. Ms. Theresa Heirshberg completed project oversight and final review of this report. Ms. Heirshberg meets the definition of an *environmental professional* as set forth in the AAI Final Rule.

1.3. Scope of Work

ENERCON's scope of work for this Phase I ESA is consistent with ASTM Standard E1527-21 and includes the activities listed below.

- **Review of User Provided Information** – Review of information regarding title and judicial records for environmental liens or activity and use limitations, recorded environmental liens, actual or specialized knowledge or commonly known information regarding environmental conditions at the subject property, the relationship of the purchase price of the property to the fair market value, readily available maps, environmental reports, and other environmental documents pertaining to the subject property, as available and obtained from the user/client.
- **Records Review** – Acquisition and review of records, including federal, state, tribal, and local regulatory agency databases, for the subject property and for properties located within a specified radius of the subject property; local regulatory agency files for the subject property and selected nearby properties of potential environmental concern; physical setting sources, including topographic maps, geologic maps, and geologic and hydrogeologic reference documents; and historic land use information including aerial photographs, historical fire insurance rate maps, building department records, and city directories, as necessary, that are reasonably ascertainable, publicly available, can be obtained within reasonable time and cost, and are practically reviewable.
- **Vapor Encroachment Condition (VEC)** – Review available regulatory and client provided data to assess Tier 1 non-numeric screening for the subject property. ENERCON evaluated whether contaminants were present in soil and/or groundwater in the site vicinity which might pose a VEC at the subject property.
- **Site Reconnaissance** – Performance of a site reconnaissance to visually observe the subject property and any structure(s) located on the subject property to the extent not obstructed by bodies of water, adjoining buildings, or other obstacles. The purpose of the site reconnaissance is to obtain information indicating the likelihood of identifying RECs in connection with the subject property, including the general site setting, site usage, use and storage of hazardous materials and petroleum products, disposal of waste products and materials, sources of polychlorinated biphenyls (PCBs), and evidence of releases and possible risks of contamination from activities at adjoining properties.
- **Interviews** – Interviews with subject property representatives, including owners, occupants, and site managers, regarding the environmental condition of the subject property to the extent necessary and such person(s) are available. Interviews with state and/or local government officials as necessary.
- **Report** – Evaluation of the information and data obtained by the Phase I ESA process outlined above and preparation of this Phase I ESA report documenting findings and providing opinions and conclusions regarding possible environmental impacts and RECs at the subject property.

1.4. Limitations and Exceptions

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. ENERCON should be contacted if the reader requires any additional information or has questions regarding the content, interpretations presented, or completeness of this document.

The findings, opinions, and conclusions are based on an analysis of the observed subject property conditions and the referenced literature. It should be understood that the conditions of a subject property can change with time as a result of natural processes or the activities of man at the subject property or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which ENERCON has no control. ENERCON cannot warrant or guarantee that not finding indicators of any particular hazardous material means that this particular hazardous material or any other hazardous materials do not exist on the subject property. Additional research, including invasive testing, can reduce the uncertainty, but no techniques now commonly employed can eliminate the uncertainty altogether.

1.5. Special Terms and Conditions

As indicated in Section 13.1.5 of ASTM Standard E1527-21, the following, which is not intended to be all inclusive, represents out-of-scope items with respect to a Phase I ESA: asbestos-containing materials (ACMs), radon, lead-based paint (LBP), lead in drinking water, wetlands, regulatory compliance, cultural and historic risk, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality unrelated to releases of hazardous substances or petroleum products into the environment, biological agents, and mold. As part of our agreement with the client, ENERCON visually assessed subject property buildings (if present) for possible ACMs, LBP, and mold. In addition, ASTM Standard E 2600-22 supplements the ASTM Standard E1527-21 to include evaluation of VEC using Tier 1 screening.

This study did not include an evaluation of geotechnical conditions or potential geologic hazards. In addition, ENERCON did not address interpretations of zoning regulations, building code requirements, or property title issues.

1.6. User Reliance

This report may be relied upon and is intended exclusively for use by the client, its partners, members, investors, affiliates, successors and assigns, and lenders. Any use or reuse of the findings, opinions, and/or conclusions of this report by parties other than the foregoing parties is undertaken at said parties' sole risk.

1.7. Physical Limitations

There were no physical limitations encountered during the site visit.

1.8. Data Gaps

No significant data gaps were noted during the preparation of this Phase I ESA report.

2. GENERAL SUBJECT PROPERTY CHARACTERISTICS

The following sections describe the location and the current uses of the subject property and adjacent properties. A site location map is presented as Figure 1, and a site vicinity map is presented as Figure 2. Selected photographs of the subject property and surrounding properties are provided in Appendix A.

2.1. Location and Legal Description

The subject property is a rectangular shaped parcel consisting of approximately 5.6-acres located in Irvine, California (Figure 1). The subject property is commercial property occupied by a church and attendant outbuildings, and the parcel is identified as APN 529-401-01 by the Orange County, California, Auditor.

2.2. Subject Property Description and Current Uses/Operations

The following paragraphs present a description of the structures present at the subject property, the current occupant of the subject property, the activities being conducted on-site, the heating and cooling systems utilized in the subject property buildings, the sewage disposal system, and the potable water provider for the subject property, if any.

2.2.1. Subject Property Description

The subject property is occupied by a church sanctuary building and a number of outbuildings used for storage, a paved parking area and associated landscaping, a roll-off box for solid waste, and an enclosed trash area.

2.2.2. Occupants

The occupant of the subject property is Our Lady of Peace Korean Catholic Center operated by the RCDO.

2.2.3. Heating and Cooling Systems

Central heating and cooling systems are present on the subject property.

2.2.4. Sewage Disposal/Septic Systems

The subject property is serviced by the municipal sewer utility.

2.2.5. Potable Water

Potable water services are currently provided by the municipal water authority to the subject property.

2.3. Adjoining Properties

Currently, the subject property vicinity consists of residential housing to the north, south, east, and west (Figure 2).

No aboveground storage tanks (ASTs), evidence of underground storage tanks (USTS), or possible hazardous materials or waste were noted being used or stored by off-site properties along the subject property line. These off-site properties would not be considered an environmental concern to the subject property.

3. USER PROVIDED INFORMATION

The following sections summarize information provided by the user to assist the environmental professional in identifying the possibility of RECs in connection with the subject property, and to fulfill the user's responsibilities in accordance with Section 6 of ASTM Standard E1527-21. A copy of the user provided documents are presented in Appendix B. The user environmental questionnaire was completed by the Roman Catholic Bishop of Orange. The subject property was purchased July 29, 1983 and occupied in 2000 as a church. The subject property was developed with one building consisting of approximately 7,128 square feet in 2000. Well No. TIC-41 was destructed in 2003 and active groundwater monitoring well No. IDM-3 remains onsite.

3.1. Current Title Information

A Preliminary Title Report was not provided for the subject property.

3.2. Environmental Liens or Activity and Use Limitations

- (1.) Environmental liens that are filed or recorded against the subject property (40 C.F.R. § 312.25).

Roman Catholic Bishop of Orange stated, "Property was deeded to RCBO from Irvine Company as vacant land. We know of no environmental liens than the groundwater well easement."

- (2.) Activity and use limitations that are in place on the subject property or that have been filed or recorded against the subject property.

Roman Catholic Bishop of Orange stated, "RCBO operates under a CUP for the site as a religious designation."

3.3. Specialized Knowledge

- (3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 C.F.R. § 312.28).

Roman Catholic Bishop of Orange stated, "N/A."

3.4. Valuation Reduction for Environmental Issues

- (4.) Relationship of the purchase price to the fair market value of the subject property if it were not contaminated (40 C.F.R. § 312.29). In a transaction involving the purchase of a parcel of commercial real estate, the user shall consider the relationship of the purchase price of the property to fair market value of the property if the property was not affected by hazardous substances or petroleum products.

- (5.) Roman Catholic Bishop of Orange stated, "N/A."

3.5. Commonly Known or Reasonably Ascertainable Information

- (5.) Commonly known or reasonably ascertainable information about the subject property (40 C.F.R. § 312.30). 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,

(a.) Do you know the past uses of the subject property?

Roman Catholic Bishop of Orange stated, "vacant land from our knowledge."

(b.) Do you know of specific chemicals that are present or once were present at the subject property?

Roman Catholic Bishop of Orange stated, "don't know."

(c.) Do you know of spills or other chemical releases that have taken place at the subject property?

Roman Catholic Bishop of Orange stated, "don't know."

(d.) Do you know of any environmental cleanups that have taken place at the subject property?

Roman Catholic Bishop of Orange stated, "don't know."

3.6. Degree of Obviousness

(6.) 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 (40 C.F.R. § 312.31).

Roman Catholic Bishop of Orange stated, "don't know."

3.7. Reason for Performing Phase I ESA

This Phase I ESA is being completed as part of RCDO's environmental due diligence prior to redevelopment of portions of the subject property.

3.8. Other User Provided Information

No other information was provided by the user.

4. PHYSICAL SETTING

The following sections include discussions of topographic, geologic, and hydrogeologic conditions in the vicinity of the subject property, based upon our document review and our visual reconnaissance of the subject property and adjacent areas.

4.1. Topography

Based on the review of the United States Geologic Survey (USGS), Topographical Map 7.5-minutes series, Tustin and El Toro Quadrangles, California, dated 2023, the subject property has an elevation of approximately 159 feet above mean sea level (msl). Regional surface topography generally slopes to the west-northwest.

4.2. Geology

The subject property is located in the western portion of the Peninsular Ranges geomorphic province of southern California, within the dissected Orange County Coastal Plain of the Los Angeles Basin. The coastal plain is underlain with over 10,000 feet of marine and non-marine sediments. The upper several hundred feet of sediments is composed of unconsolidated recent alluvium consisting of stream channel and over bank deposits made up of interbedded gravel, sand, silt, and clay.

4.3. Hydrology

The following sections discuss the subject property hydrology in terms of both surface waters and groundwater.

4.3.1. Surface Waters

No natural surface water bodies, including ponds, streams, or other bodies of water, are located on the subject property or in the immediate site vicinity.

4.3.2. Groundwater

Groundwater information was obtained from a report related to a water well on an adjoining residential property approximately 100 feet to the northwest of the subject property. According to SWRB-GAMA on-line groundwater elevation data In the report, groundwater has been reported at a depth of approximately 59 feet below the ground surface (bgs) and flows in a westerly direction. Due to the differences in elevation and potential subsurface geology, groundwater depths may vary beneath the subject property.

4.4. Oil and Gas Maps

Based on a review of the California Department of Conservation, Geologic Energy Management Division (CalGEM) on-line Well Finder database, the subject property is not present in an active oil field and no oil or natural gas wells have been drilled on the subject property or in the immediate site vicinity. Based on this information, there is a low likelihood

that petroleum hydrocarbon impacted soil or elevated methane gas is present due to oil and gas production activities.

5. HISTORICAL LAND USE

ENERCON conducted a historical land use record search for both the subject property and surrounding areas. This included a review of one or more of the following sources that were found to be both reasonably ascertainable and useful for the purposes of this Phase I ESA: historical fire insurance maps, historical aerial photographs, building permits and plans, historical city directories, topographic maps, property tax records, zoning/land use records, and a review of prior environmental assessment reports regarding the subject property. Copies of historical data obtained during this assessment are provided in Appendix C.

5.1. Summary of Historical Land Use of the Property

From at least 1938 through ca. 1980, the subject property was occupied by orchards. The orchards appear to have been removed by 1986, and the subject property was undeveloped land from ca. 1986 until 2002, when the subject property was developed with a structure similar in appearance to the church currently on the site.

5.2. Summary of Historical Land Use of Adjoining Properties

From at least 1938 through ca. 1980, the site vicinity was occupied by orchards. By 1980, the adjoining properties to the east-northeast had been developed for residential use. By 1986, the adjoining properties to the west were developed for residential use. By 2002, when the subject property was developed with a church, all adjoining properties were developed for residential use. The residential use of adjoining properties continues to the present day.

5.3. Fire Insurance Rate Maps

Historical Sanborn Fire Insurance Rate Maps (Sanborn maps) were requested from Environmental Data Resources Risk Information Services (ERIS). According to ERIS, there were no Sanborn maps available for the subject property or site vicinity.

5.4. Building Department

Building permits are issued and maintained by the City of Irvine Building and Safety Department (IBS). The IBS files its information based on addresses. A building permit was issued for the address of the subject property in 1999 for temporary poles for a church property, in 2000 for an underground fire line and site lighting, and in 2001 for underground plumbing and site lighting.

5.5. Historical Aerial Photographs

Historical aerial photographs for selected years between 1938 and 2016 were provided by ERIS. The following presents a summary of the historical aerial photographs.

- **1938, 1947, 1952, 1963, 1972, 1980** – The subject property is agricultural land developed with orchards. The site vicinity is undeveloped and/or agricultural land with residential development on the adjoining property to the east-northeast beginning in 1980.
- **1986, 1994** – The subject property is undeveloped and/or agricultural land. The site vicinity is undeveloped and/or agricultural land with residential development on the west-northwest and west-southwest in 1986.
- **2002, 2009, 2010, 2012, 2014, 2016 2018, 2020, and 2022** – The subject property is developed with a building similar in appearance to the church building currently on the site. The site vicinity was completely developed with residential housing in all directions.

5.6. City Directories

Historical records were requested for the subject property and surrounding properties from ERIS. According to ERIS, city directories were available between the years 1951 through 2022. The address of the subject property first appears in the city directory in 2003 and shows that the occupant is a church. The address of the subject property is also listed in the 2008, 2012, 2016, 2020, and 2022 city directories as being occupied by a church.

5.7. Historical Topographic Maps

Historical topographic maps were provided by ERIS and researched using TopoView for review. The maps were dated between 1901 through 2022 and do not show any details regarding the use of the subject property other than occupation of the site by orchards until ca. the early 1980s. The maps dated 2012, 2015, 2018, and 2022 depict surrounding roadways but no details of the subject property. No other site-specific details were noted.

5.8. Interviews

Interviews were conducted by ENERCON in March 2024 with key site personnel (e.g., past and present owners, operators, and/or occupants) with the objective of obtaining information indicating RECs in connection with the subject property. The following are the site personnel interviewed for the purposes of this assessment.

5.8.1. Interview with Owner

The owner is the Roman Catholic Diocese of Orange, who directed interview questions to Mr. Woodward.

5.8.2. Interview with Site Manager

The site manager, Mr. Woodward, was available for an interview.

5.8.3. Interviews with Occupant

The subject property is developed with a church – onsite staff provided interior access.

5.8.4. Interviews with Local Government Officials

No local government officials or regulatory agency officials were available for personal interviews, but local government and agency records were requested via Freedom of Information Act (FOIA) requests and/or searched in online databases.

5.8.5. Interviews with Others

No other interviews were completed during completion of this report.

5.9. Previous Reports and Documents

No previous reports or documents regarding the subject property have been released to ENERCON.

6. SITE RECONNAISSANCE

The subject property and site vicinity reconnaissance was performed by ENERCON on March 21 and 27, 2024. The site reconnaissance involved a visual inspection of the subject property and a visual observation of adjoining properties. At the time of the site reconnaissance there were no weather-related obstructions. Selected photographs taken during these activities are included in Appendix A.

At the time of the subject property site visit, the property was occupied by a church sanctuary building and associated outbuildings and paved parking areas with landscaping, a roll-off box, and a trash enclosure. The following information is provided as per ASTM standards to summarize the current conditions at the subject property.

6.1. Use and Storage of Hazardous Substances and Petroleum Products

No potential use or storage of hazardous substances and petroleum products were noted on the subject property.

6.2. Storage and Disposal of Hazardous Wastes

No on-site storage or disposal of hazardous waste was observed. Minor amounts of retail sized containers of cleaning and maintenance chemicals were present on-site for the buildings on the subject property.

6.3. Unidentified Substance Containers

No unidentified substance containers were observed.

6.4. Aboveground Storage Tanks (ASTs) and Underground Storage Tanks (USTs)

No ASTs and no evidence of USTs (e.g., fill ports, vent pipelines, etc.) were observed during the site reconnaissance.

6.5. Evidence of Releases

There was no evidence of releases noted during the site reconnaissance.

6.6. Polychlorinated Biphenyls (PCBs)

Historically, PCBs (a group of hazardous substances and suspected human carcinogens) were widely used as an additive in cooling oils for electrical components. Typical sources of PCBs can include electrical transformers. One pad-mounted electrical transformer was observed on the subject property. The date of installation of the transformer is unknown; however, it was likely installed at the time of the development of the property by the church (ca. 2002). No evidence of leaks or stains was noted on or near the transformer.

6.7. Suspect Asbestos-Containing Building Materials (ACMs)

Due to the date of construction (ca. 2002) of the buildings on the subject property ACMs are not an environmental concern.

6.8. Lead Based Paint (LBP)

Due to the date of construction (ca. 2002) of the buildings on the subject property, LBP is not an environmental concern.

6.9. Indications of Water Damage or Mold Growth

No water damage or mold growth was observed in the buildings on the subject property; therefore, water infiltration and mold growth are not environmental concerns.

6.10. Wastewater Systems

No on-site wastewater systems such as septic tanks or septic fields were observed during the site reconnaissance.

6.11. Stormwater Systems

Two stormwater drains were noted on the subject property. Storm water is transferred to surrounding streets where curb-and-gutter and two storm drains were observed on the west side of the subject property. No evidence of dumping into storm drains was noted.

6.12. Wells

One apparent well cap was noted on the subject property. The use of this well is for monitoring groundwater quality in Orange County.

6.13. Other Subsurface Structures

No other subsurface structures (e.g., sumps, vaults, oil/water separators, and other surface impoundments) were noted during the site reconnaissance.

6.14. Other Issues

A roll-off box was present on the site, and contained small amounts of apparent municipal waste, two trash barrels, and cardboard waste. A trash enclosure is also present on the subject property and contains two trash dumpsters. No environmental issues were identified to be associated with these features. No other on-site issues of environmental concern were noted during the site reconnaissance.

7. ENVIRONMENTAL DATABASE SEARCH

A computerized environmental information database search was performed by ERIS on April 3, 2024. The database search included federal, state, local, and tribal databases. A summary of the environmental databases searched, their corresponding search radii, and number of noted facilities of environmental concern is presented in Appendix D. In addition, a description of the assumptions and approach to the database search is provided in Appendix D. The review was conducted to evaluate whether the subject property or properties within the vicinity of the subject property have been reported as having experienced significant unauthorized releases of hazardous substances or other events with potentially adverse environmental effects.

Neither the subject property or any adjoining properties appear on any database search presented in the ERIS report.

No unplotable (orphaned) properties were identified in the database report.

The following sections describe the databases that contain noted properties of environmental concern and include a discussion of the regulatory status of the facilities and potential environmental impact to the subject property.

7.1. Federal National Priorities List (NPL): Distance Searched – One mile

The NPL is the USEPA's database of uncontrolled or abandoned hazardous waste properties identified for priority remedial actions under the Superfund program. This database includes proposed NPL listings.

Neither the subject property nor properties located within a one-mile radius were listed on this database.

7.2. Federal Delisted NPL: Distance Searched – One mile

This database contains delisted NPL properties under the Superfund program. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the USEPA uses to delete properties from the NPL. In accordance with 40 Code of Federal Regulations (CFR) 300.425. (e), properties may be deleted from the NPL where no further response is appropriate.

Neither the subject property nor properties located within a one-mile radius were listed on this database.

7.3. Federal Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) List: Distance Searched – 0.5 mile

The CERCLIS database has been replaced by the Superfund Enterprise Management System (SEMS) database, which Tracts hazardous waste sites and remedial activities performed in support of the EPA's Superfund Program. This database also includes properties listed on the SEMS-ARCHIVE database for facilities with statuses of No Further Remedial Action Planned (NFRAP).

Neither the subject property nor properties located within the search radius were listed on this database.

7.4. Federal Corrective Action Report (CORRACTS): Distance Searched – One mile

The USEPA maintains this database of Resource Conservation and Recovery Act (RCRA) facilities that are undergoing corrective action. A corrective action order is issued when there has been a release of hazardous waste or constituents into the environment from an RCRA facility.

Neither the subject property nor properties located within the search radius were listed on this database.

7.5. Federal Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal (TSD) Facilities List: Distance Searched – 0.5 mile

The RCRA TSD database (non-CORRACTS) is a compilation by the EPA of facilities that report generation, storage, transportation, treatment, or disposal of hazardous waste. Listing on this database is for tracking purposes and not indicative of a release.

Neither the subject property nor properties located within the search radius were listed on this database.

7.6. Federal RCRA Generators List: Distance Searched – Subject Property and Adjoining Properties

This list identifies facilities that generate hazardous waste as defined by RCRA. Facilities on this list are identified as either large, small, or very small quantity generators (LQG, SQG, or VSQG, respectively) based on the amount of hazardous waste generated annually. Inclusion on this database is for permitting purposes and is not indicative of a release.

Neither the subject property nor properties located within the search radius were listed on this database.

7.7. Federal Institutional Control/Engineering Control Registries: Distance Searched – 0.5 mile

These lists identify properties with engineering and/or institutional controls. 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 affect human health. 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 the subject property. Deed restrictions are generally required as part of the institutional controls.

Neither the subject property nor properties located within the search radius were listed on this database.

7.8. Federal Emergency Response Notification System (ERNS) List: Distance Searched – Subject Property

The ERNS database, maintained by the USEPA, contains information on reported releases of oil and hazardous substances.

The subject property was not listed on this database.

7.9. Federal Brownfield List: Distance Searched – 0.5 mile

The USEPA Brownfield database, entitled Targeted Brownfield's Assessments (TBA), lists properties for which the USEPA is providing funding and/or technical support for environmental assessments and investigations. The objective of the TBA is to promote cleanup and redevelopment of undesirable properties with environmental issues.

Neither the subject property nor properties located within a 0.5-mile radius were listed on this database.

7.10. California EnviroStor or State-Equivalent CERCLIS: Distance Searched – One mile

The EnviroStor database, also known as the State-equivalent CERCLIS, is maintained by the Cal-EPA DTSC. This database contains information on Annual Work Plans (AWP), and both known and potentially contaminated properties. Two-thirds of these properties have been classified, based on available information, as needing no further action (NFA) by the DTSC. The remaining properties are in various stages of review and remediation to determine if a problem exists. These properties are presented by ERIS on the EnviroStor database.

The subject property was not listed on this database. Four facilities were listed within the one-mile search radius. Three of the sites (schools) have facility status of no further action. The remaining facility, a dry cleaner, is undergoing evaluation. The dry cleaner site is approximately 1800 feet to the northwest of the subject property and is downgradient from the subject property. Based on distance, direction, depth to groundwater, and/or regulatory status, these facilities would not be considered an environmental concern to the subject property.

7.11. State Solid Waste Landfill Sites (SWLF): Distance Searched – 0.5 mile

The SWLF database consists of open and closed solid waste disposal facilities and transfer stations. The data comes from the Integrated Waste Management Board's Solid Waste Information System (SWIS) and the State Water Resources Control Board (SWRCB) Waste Management Unit Database (WMUD) database.

The subject property was not listed on this database.

7.12. State Leaking Underground Storage Tank (LUST) Lists: Distance Searched – 0.5 mile

The LUST information system is obtained from the SWRCB and the SARWQCB.

Neither the subject property nor properties located within the search radius were listed on this database.

7.13. State Underground Storage Tank (UST) and Aboveground Storage Tank (AST) Registration List: Distance Searched – Subject Property and Adjoining Properties

UST and AST databases are provided by the SWRCB. Inclusion on these lists is for permitting purposes and is not indicative of a release.

Neither the subject property nor adjoining properties were listed on this database.

7.14. State Voluntary Cleanup Programs (VCPs): Distance Searched – 0.5 mile

The State VCP database lists low threat level properties with either confirmed or unconfirmed releases. Project proponents have requested that the DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

The subject property was not listed within this database.

7.15. Indian Reservations: Distance Searched – Subject Property

This list depicts Indian administered lands of the United States that have an area equal to or greater than 640-acres. No Indian Reservations are listed within a one-mile radius from the subject property. Due to the lack of Indian Reservations within one-mile of the subject property, other tribal database listings required by ASTM and AAI were deemed not applicable. These listings would include tribal-equivalent NPL, CERCLIS, Landfill and/or Solid Waste Disposal, LUST, UST and AST Registrations, Institutional Control/Engineering Control Registries, VCPs, and Brownfields.

7.16. Other Non-ASTM and AAI Database: Distance Searched – Subject Property

Other databases were included in the ERIS report but are not required by ASTM or AAI. The subject property was not listed on any of these databases.

8. VAPOR ENCROACHMENT CONDITION (VEC)

ENERCON completed a VEC study for the subject property using Tier 1 criteria as recommended by ASTM E2600-22. The Tier 1 screening identifies surrounding facilities that pose a possible vapor intrusion source to the subject property based on the results of the Phase I ESA investigations and certain criteria outlined by ASTM. These criteria include a certain distance from the target subject property (referred to by ASTM as within the “area of concern”); the types of chemicals used (referred to by ASTM as the “chemicals of concern”); and a plume test to determine if the plume associated with a source of contamination is close enough to the subject property to impact indoor air quality. A VEC is defined by ASTM as “...the presence or likely presence of chemicals or vapors from contaminated soil and/or groundwater either on or near the target property identified by the Phase I ESA.” Based on our review of information obtained during the completion of this Phase I ESA, a VEC does not exist at the subject property.

9. REGULATORY RECORDS REVIEW

The Regional Water Quality Control Board (RWQCB), Department of Toxic Substances Control (DTSC), and the South Coast Air Quality Management District (SCAQMD), the Orange County Department of Public Works (OCDPW), and the Orange County Health Care Agency (OCHCA-CUPA) are the lead regulatory agencies for USTs, ASTs, and LUST cases, and facilities that use, store, or generate, hazardous waste or hazardous materials. These agencies typically file information regarding properties using addresses. Since no structures are currently developed, there are no current addresses associated with the subject property. ENERCON reviewed RWQCB, DTSC, and SCAQMD online databases regarding the subject property and surrounding properties. ENERCON also requested files from the OCDPW and the OCHCA.

9.1. Regional Water Quality Control Board, Santa Ana Region (RWQCB)

According to the SWRCB GeoTracker online database, the subject property is not listed.

9.2. Department of Toxic Substances Control (DTSC)

ENERCON reviewed state and federal case file listing on the DTSC EnviroStor online database. The subject property is not listed.

9.3. South Coast Air Quality Management District (SCAQMD)

ENERCON requested a records review from the SCAQMD. According to the SCAQMD, no records of violation have been reported for the subject property.

9.4. Orange County Department of Public Works (OCDPW)

ENERCON requested files for the subject property from the OCDPW. As of the date of publication of this report, no response has been received from OCDPW.

9.5. Orange County Health Care Agency (OCHCA-CUPA)

ENERCON requested a records review from the OCHCA. As of the date of publication of this report, no response has been received from OCHCA-CUPA.

10. PHASE II SUBSURFACE INVESTIGATION

ENERCON was retained by Roman Catholic Diocese of Orange (RCDO, the “client”) to complete a subsurface investigation in conjunction with the Phase I ESA for the subject property located at the 14010 Remington in the city of Irvine, California (“subject property”). ENERCON, based on preliminary review of historical data, determined that the subject property land use was agricultural from at least 1938 through 1980. Since agricultural land use was identified, a subsurface investigation was requested by RCDO to determine if there is impact to the soils on the subject property from the use of agricultural chemicals.

10.1. Background

The Phase I ESA identified the following potential environmental concern:

“The subject property was determined to be utilized for agricultural purposes from 1938 through ca. 1980. Due to the historical agricultural use at the subject property, residual pesticides and/or agricultural metals (i.e., arsenic) in shallow soil at the subject property could be present. However, due to the previous development of a church facility on the subject property, it is likely that any residual agricultural chemicals, which could impact soil from surface to one-foot depth, have likely either been removed during construction activities or mixed and dispersed, lessening the concentration of regulated chemicals in site soils. In addition, no areas of preparing, pouring and mixing, or storage of agricultural chemicals were identified on the subject property. Based on prior grading and construction activity during construction of the church and parking areas, and the lack of areas of chemical storage and preparation such as a barn, historical agricultural use is considered a potential environmental concern but does not indicate a recognized environmental condition.”

Note: since the 1930s, organochlorine pesticides (OCP), such as DDT, dieldrin, and heptachlor were commonly used in California. Some of these insecticides, such as DDT, are persistent organic pollutants which pose a danger when released into the environment. DDT, which was widely used in the mid-20th century, also accumulated in food chains and caused reproductive problems (e.g., eggshell thinning) in certain bird species. In 1970, the United States banned organochlorine pesticides, and in response, farmers began using organophosphorus pesticides (OPP). Lead arsenate was also used in pesticides and herbicides prior to the 1950s. Based on the time frame during which the site was used for agriculture (ca. 1938-1980), samples collected during Phase II site activities will be analyzed for OCPs, OPPs, and arsenic.

10.2. Objectives

To address the potential environmental concern, the objective for the subsurface investigation was to assess whether elevated concentrations of pesticides and/or arsenic are present in shallow soils at the subject property.

10.3. Subsurface Investigation

To further assess whether a significant release has occurred at the site, ENERCON completed a subsurface investigation to assess the potential environmental concern identified in the Phase I ESA. The subsurface investigation was completed on March 27, 2024, and included the advancement of 12 soil borings (Figure 3, subsurface utility map showing soil boring locations). The fieldwork was performed by Mr. Matthew Pensaw, an ENERCON Staff Geologist. The report write-up was prepared by Ms. Beth Ullom, an ENERCON Principal Technical Specialist. The subsurface investigation was completed under the direction and oversight of Ms. Theresa L. Heirshberg, a California Professional Geologist from ENERCON.

This scope of work followed the sampling protocol outlined by the California DTSC *Interim Guidance for Sampling Agricultural Properties (Third Revision)* dated August 7, 2008 (referred to herein as the "DTSC guidelines").

10.3.1. Pre-Field Activities

Prior to conducting field work, ENERCON prepared a site-specific Health and Safety Plan (HASP) addressing the scope of work, potential contaminants, safety hazards, and safety procedures that could be encountered during the subsurface investigation.

10.3.2. Field Activities

The subsurface investigation included the collection of shallow soil samples from vegetated areas and under paved parking areas. The sample collection activities were completed using hand-auger equipment. The paved parking areas were cored using an impact drill prior to hand augering beneath the pavement. Each boring was advanced using a hand auger to two feet bgs. Hand augers were decontaminated with an alcohol-based soap and deionized water between soil samples collected. Hand augering activities and soil sampling were performed between March 27, 2024.

Based on the size of the subject property (approximately 5.6 acres occupied by a church sanctuary, outbuildings and paved parking areas), 12 soil borings were advanced by coring the asphalt to expose the soil underneath (complies with the DTSC guidelines) and advancing soil borings in vegetated areas. Soil sampling locations were based on a general grid pattern. One sample point was placed within the approximate center of each grid pattern (Figure 3) to screen the area of the subject property not occupied by buildings. Soil samples were collected from each boring location at 0.5-foot and 2-feet bgs.

The borings were backfilled with the soil cuttings generated and were patched to grade with asphalt in the parking areas following sampling activities.

10.3.3. Soil Observations and Sample Collection

During hand augering activities, soil samples were collected at the 0.5-foot and 2-foot interval from each soil boring and were examined in the field for soil types, lithological changes, environmental concerns (i.e., staining, odor, etc.), and screened for volatile organic chemicals in the headspace of the sample using a photoionization detector (PID).

In general, shallow soil lithology consisted of clay and silty clay (CL). No soil samples collected had evidence of staining, odors, or elevated PID readings.

10.4. Sample Analysis

Soil samples were containerized in laboratory provided glass jars. Soil samples were placed on ice in a cooler and maintained at approximately 4°C until the samples were delivered to the analytical laboratory. Chain of Custody forms were filled out and protocols followed. Samples were transported to Enviro-Chem, Inc., a state certified laboratory located in Pomona, California, for analysis. Once at the laboratory, the samples that ENERCON collected from 0.5-foot depth were prepared by following DTSC guidelines for sample

analysis: twelve (12) soil samples were broken into groups of four, which were combined into three (3) composite soil samples (C1, C2, C3) for analysis of arsenic, OCPs and OPPs. Three (3) discrete soil samples for analysis of arsenic and lead were recovered from the locations of B-3, B7, and B-11 and analyzed for arsenic, and lead. The two-foot samples were placed on hold pending the 0.5-foot analysis results.

10.4.1. Soil Analyses

The samples were analyzed for OCPs, OPPs and arsenic and lead in general accordance with EPA Method Nos. 8141A and 6010B, respectively. All the 0.5-foot composite and discrete samples were analyzed first. If elevated concentrations are detected in the 0.5-foot samples exceeding regulatory screening levels, then the "on hold" 2-foot samples would be analyzed to further assess the vertical extent.

10.5. Analytical Results

The analytical results for arsenic and lead and OCPs and OPPs in soil are presented in Tables 1a and 1b. Arsenic was detected at in the discrete soil samples from B3, B7 and B11 at concentrations ranging from 7.41 mg/kg to 9.68 mg/kg. Lead was detected in those same soil samples at concentrations ranging from 5.04 mg/kg to 16.6 mg/kg.

Only 4,4-DDE and 4,4-DDT were detected in soils in composite sample C1, recovered in the eastern portion of the subject property. Comparison of these analytical results with regulatory guidelines is discussed in Section 10.7 of this report.

10.6. Regulatory Guidelines and Data Evaluation

The following presents the regulatory guidelines used by ENERCON to evaluate the laboratory results and data collected from soil sampling at the site.

10.7. Regulatory Guidelines for Soil

The California DTSC and the U.S Environmental Protection Agency (EPA) maintain cleanup criteria for soil that are based on protection of human health. Detectable concentrations of OCPs, OPPs, and arsenic and lead in soil were compared to the DTSC Human and Ecological Risk Office (HERO) Human Health Risk Assessment Note 3 soil screening levels for residential land use (DTSC-SLr) and/or the US EPA Regional Screening Levels for soil applicable to residential land use (EPA-RSLr). These very conservative guidelines are based on the protection of human health through dermal contact, inhalation, and ingestion.

Metals are naturally occurring in soil. With the exception of arsenic, concentrations of metals are compared to the human health risk criteria set forth in the DTSC-SLR and US EPA-RSLr guidelines. Due to the granitic nature of California geology, concentrations of arsenic typically exceed the human health risk guideline prepared by the State and Federal agencies. DTSC completed a study of naturally occurring concentrations of arsenic for school properties for the Los Angeles Unified School District (DTSC, 2005). Based on this study, DTSC concluded that background arsenic concentrations are less than 12 mg/kg.

10.7.1. Evaluation of Laboratory Results for Soil Samples

The soil samples analyzed for arsenic and lead had detectable concentrations of arsenic at levels below the background arsenic levels of 12 mg/kg and lead below the background levels of 80 mg/kg. Since none of these results exceeded regulatory screening levels, ENERCON concluded that analyses of the two-foot soil samples as either composite or discrete samples was not necessary to delineate vertical extent of the presence of arsenic and lead, and therefore no further analyses were conducted for these analytes.

In the composite samples (C1, C2, and C3), 4,4-DDE and 4,4-DDT were present in C1; however, the concentrations of 4,4-DDE and 4,4-DDT do not exceed regulatory screening levels. Soil samples analyzed for OPPs were all ND for the presence of OPPs.

10.8. Summary of Phase II Investigation Findings and Recommendations

ENERCON performed a subsurface investigation to assess whether elevated concentrations of selected chemicals associated with the potential environmental concern of agricultural land use identified during the Phase I ESA are present in soil in specific areas of the subject property. The subsurface investigation included the collection of shallow soil samples. The results of analyses show that background level concentrations of arsenic and lead occurred in discrete soil samples recovered from borings B3, B7 and B11. Low concentrations of OCPs were present in one composite sample, C1. No detectable concentrations of OPPs were present in the composite soil samples. Based on the results of the soil sampling completed during this investigation, ENERCON makes the following conclusions and recommendations:

ENERCON concludes, based on the lack of elevated concentrations of arsenic and lead in discrete soil samples, and the low concentration of OCPs in one composited soil sample and the ND results of OPPs in composited soil samples, that the subject property is not adversely

impacted by the historical agricultural land use. Therefore, ENERCON does not recommend additional investigation.

11. FINDINGS, OPINIONS, AND CONCLUSIONS

Based upon the results of this Phase I ESA & Phase II Investigation the following findings and conclusions are provided.

11.1. Findings and Opinions

The following presents a summary of findings associated with this Phase I ESA performed for the subject property, including known or suspect RECs, HRECs, CRECs, and *de minimis* environmental conditions (i.e., conditions that generally do not present a material risk of harm to public health or the environment).

- From at least 1938 through ca.1986, the subject property was utilized for agricultural purposes (orchards). From ca. 2000 through the time of publication of this report, the subject property has been occupied by a church facility, currently known as Our Lady of Peace Koren Catholic Center. The subject property is occupied by a sanctuary building and various outbuildings used for storage, a trash enclosure and solid waste dumpster, paved parking areas and associated landscaping.
- A groundwater monitoring well is present on the northwest corner of the subject property for the purpose of monitoring the quality of Orange County groundwater. The well is periodically sampled for alkalinity, boron, calcium, chloride, carbonate, fluoride, bicarbonate, potassium, magnesium, sodium, nitrate, pH, specific conductivity, sulfate, total dissolved solids (TDS), and temperature.
- According to a site plan provided to ENERCON by RCDO, there is an existing groundwater well on the southwestern portion of the subject property. There is no record of this well in the California State Water Control Board Database.
- A groundwater well is present on a residential property approximately 100 feet northwest of the subject property. Depth to groundwater in that well was last measured in the 1990s and was approximately 59 feet below the ground surface (bgs). Based on topography, the presumed direction of flow of the groundwater is to the northwest.
- Due to the potential for environmental impacts on the subject property from its historical agricultural use, ENERCON completed a Phase II limited subsurface investigation at the subject property concurrently with the preparation of the Phase I ESA. The results of the Phase I ESA and the limited subsurface investigation are presented together within this report. Based on the results of the subsurface investigation, three discrete soil samples had concentrations of arsenic and lead below regulatory limits. One composited soil sample had low detectable concentrations of two pesticides, 4,4-DDE and 4,4-DDT. The concentrations of the arsenic and lead and pesticides identified in soil samples from the subject property were below regulatory background levels.
- ENERCON identified the historical agricultural use of the subject property as a potential environmental concern. However, based on the results of the subsurface investigation completed by ENERCON at the subject property, no environmental impacts from the

historical agricultural use of the subject property were identified. Therefore, historical agricultural use is not an environmental concern.

- Then buildings on the subject property were constructed in 2000 and later; therefore, asbestos-containing materials (ACMs) and lead-based paints (LBPs) are not an environmental concern.
- No other on- or off-site environmental concerns were noted.

12. CONCLUSIONS

ENERCON performed this Phase I ESA & Phase II Investigation in conformance with the scope and limitations of the ASTM Practice E1527-21, ASTM Practice E2600-22, and the EPA Standards and Practices for AAI, Final Rule (40 CFR, Part 312), for the property located at 14010 Remington in Irvine, California. Any limitations or exceptions encountered during completion of this report are stated in Section 1.4.

No evidence or indication of RECs, HRECs, CRECs, or *de minimis* environmental conditions (i.e., conditions that generally do not present a material risk of harm to public health or the environment) have been revealed.

13. RECOMMENDATIONS

Based on the information obtained during this assessment, ENERCON has no recommendations for additional investigations at this time.

14. REFERENCES

California Department of Conservation, Geologic Energy Management Division Well Finder, [Well Finder \(ca.gov\)](#), accessed June 12, 2024.

Environmental Risk Information Services (ERIS), 2024, Regulatory Database Report, dated April 3, 2024.

ERIS, 2024, Historical Aerials, dated April 3, 2024.

ERIS, 2024, City Directories, dated April 8, 2024.

ERIS, 2024, Fire Insurance Maps "No Coverage," dated April 2, 2024.

USGS TopoView, [Get Maps | topoView \(usgs.gov\)](#), accessed June 13, 2024.

15. QUALIFICATIONS STATEMENT AND SIGNATURE OF ENVIRONMENTAL PROFESSIONAL

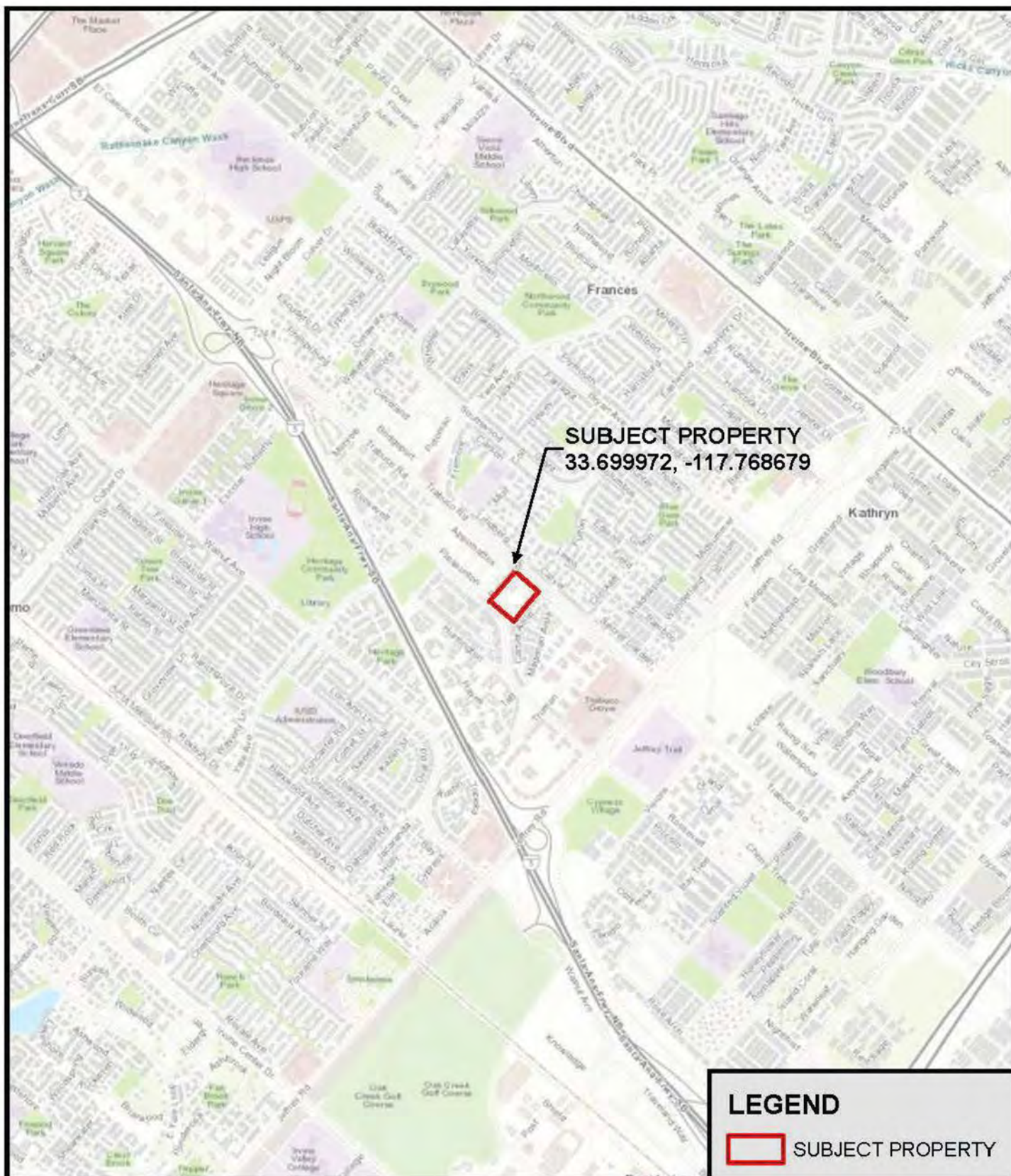
Ms. Theresa Heirshberg states that the Phase I ESA was performed under her direct supervision, and that she has reviewed and approved the report, and the methods and procedures employed in the development of the report conform to the minimum industry standards. Ms. Heirshberg certifies that ENERCON project personnel and subcontractors are properly licensed and/or certified to do the work described herein.

Pursuant to Paragraph 12.14.1 and 12.14.2 of the ASTM Standard E1527-21:

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

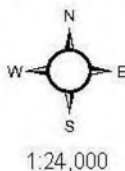


Theresa L. Heirshberg, MS/PG
Principal – Environmental Geologist



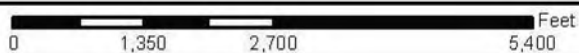
ROMAN CATHOLIC DIOCESE OF ORANGE
OUR LADY OF PEACE KOREAN CATHOLIC CENTER

MAP REFERENCE:
USGS TOPOGRAPHIC QUADRANGLE,
7.5 MINUTE SERIES
TUSTIN AND EL TORO, CA: 2023



PHASE I ESA
14010 REMINGTON, IRVINE, CA
FIGURE 1
SITE LOCATION MAP

Date: June 12, 2024

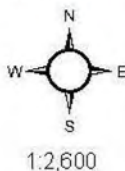




ROMAN CATHOLIC DIOCESE OF ORANGE
OUR LADY OF PEACE KOREAN CATHOLIC CENTER

MAP REFERENCE:

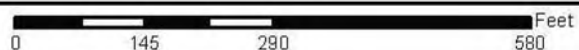
Service Layer Credits: Esri, HERE, Garmin, (c)
OpenStreetMap contributors
Source: Esri, Maxar, Earthstar Geographics, and
the GIS User Community



PHASE I ESA
14010 REMINGTON, IRVINE, CA

FIGURE 2
SITE VICINITY MAP

Date: June 12, 2024





TABLES

Table 1 – Laboratory Results of Soil Samples

**TABLE 1a - RCDO 14010 REMINGTON ROAD, IRVINE CA
SOIL ANALYTICAL RESULTS - Arsenic and Lead**

Boring Location	Boring ID	Date Sampled	Sample Depth (feet bgs)	Arsenic mg/kg	Lead mg/kg
Eastern property corner	B-3	03/27/24	0.5	9.680	16.6
West centra portion of property	B-7	03/27/24	0.5	7.890	7.25
Southwestern corner of property	B-11	03/27/24	0.5	7.410	5.04
Eastern portion of property	C1 (B1, B2, B3, B4 Composite Sample)	03/27/24	0.5	---	---
West central and southeastern portion of property	C2 (B5, B6, B7, B8 Composite Sample)	03/27/24	0.5	---	---
Southwestern corner of property	C3 (B9, B10, B11, B12 Composite Sample)	03/27/24	0.5	---	---
Screening Levels for Protection of Human Health	DTSC-SLr		NA	12	NA
	EPA-RSLr		NA	6	80
Screening Levels for Protection of Groundwater	SFRWQCB-ESLgw (ug/L)		NA	10	2.5

Notes:

Boring ID - boring identification

feet bgs - feet below the ground surface

mg/kg - milligrams per kilogram

OCP - Organochloride Pesticide

* - sum of 4,4'-DDE an 4,4'- DDT, mg/kg

OPP - Organophosphorus Pesticide

--- - not analyzed in this sample

NA - not applicable/not available

ND - not detected at or above the laboratory detection limit provided

DTSC-SL - Department of Toxic Substances Control Human Health Risk Assessment (HHRA) Note Number 3, residential soil screening levels, dated June 2020, revised May 2022

EPA-RSL - EPA Regional Screening Levels, screening levels for resident soil, dated May 2022

SFRWQCB-ESL - San Francisco Bay Regional Water Quality Control Board, Environmental Screening Levels, dated January 2019

SFRWQCB-ESLgw - SFRWQCB-ESL for Leaching to Groundwater Levels (Drinking Water)

**TABLE 1b - RCDO 14010 REMINGTON ROAD, IRVINE CA
SOIL ANALYTICAL RESULTS - Pesticides**

Boring Location	Boring ID	Date Sampled	Sample Depth (feet bgs)	Pesticides	Pesticides
				OCPs (mg/kg)	OPPs (mg/kg)
Eastern property corner	B-3	03/27/24	0.5	---	---
West central portion of property	B-7	03/27/24	0.5	---	---
Southwestern corner of property	B-11	03/27/24	0.5	---	---
Eastern portion of property	C1 (B1, B2, B3, B4 Composite Sample)	03/27/24	0.5	4,4'-DDE 0.020	ND<0.05
Eastern portion of property	C1 (B1, B2, B3, B4 Composite Sample)	03/27/24	0.5	4,4'-DDT 0.023	ND<0.05
West central and southeastern portion of property	C2 (B5, B6, B7, B8 Composite Sample)	03/27/24	0.5	ND<0.05	ND<0.05
Southwestern corner of property	C3 (B9, B10, B11, B12 Composite Sample)	03/27/24	0.5	ND<0.05	ND<0.05
Screening Levels for Protection of Human Health	DTSC-SLr		NA	4,4-DDE 2.0 4,4-DDT 1.9	NA
	EPA-RSLr		NA	4,4-DDE 23 4,4-DDT 37	NA
Screening Levels for Protection of Groundwater	SFRWQCB-ESLgw (ug/L)		NA	4,4-DDE 0.00059 4,4-DDT 0.00059	NA

Notes:

Boring ID - boring identification

feet bgs - feet below the ground surface

mg/kg - milligrams per kilogram

OCP - Organochloride Pesticide

--- - not analyzed in this sample

NA - not applicable/not available

ND - not detected at or above the laboratory detection limit provided

DTSC-SL - Department of Toxic Substances Control Human Health Risk Assessment (HHRA) Note Number 3, residential soil screening levels, dated June 2020, revised May 2022

EPA-RSL - EPA Regional Screening Levels, screening levels for residential soil, dated May 2022

SFRWQCB-ESL - San Francisco Bay Regional Water Quality Control Board, Environmental Screening Levels, dated January 20

SFRWQCB-ESLgw - SFRWQCB-ESL for Leaching to Groundwater Levels (Drinking Water)

APPENDIX A
PHOTOGRAPHIC DOCUMENTATION



Photograph 1: View of subject property building looking south.



Photograph 2: View of outbuildings north of the main church building on the subject property.



Photograph 3: View of additional outbuildings north of the church on the subject property.



Photograph 4: View of sign on NW corner of subject property.



Photograph 5: View of the interior of the main church building on the subject property.



Photograph 6: Storage of retail sized chemicals for cleaning and maintenance.



Photograph 7: View of typical storm drain on the subject property.



Photograph 8: View of potential well (round object in front of trees) on the subject property.



Photograph 9: Close up view of potential well cover on the subject property.



Photograph 10: View of an apparent previous boring performed on the subject property.



Photograph 11: View of pad mounted transformer on subject property.



Photograph 12: Roll-off box on subject property, which contains minor amounts of bagged waste, two trash cans, and assorted waste cardboard.



Photograph 13: View of interior of trash enclosure that adjoins the site of the roll-off box. The enclosure contains dumpsters for the disposal of site waste.



Photograph 14: Typical view of patched asphalt that was cored during the performance of the Phase II ESA for the subject property. This is one of 12 cored locations on the subject property.

APPENDIX B
USER PROVIDED INFORMATION

USER ENVIRONMENTAL QUESTIONNAIRE

INTRODUCTION

As noted in ASTM E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process the following questions are required "In order to qualify for one of the Landowner Liability Protections (LLPs)¹⁸⁷ offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001 (the "Brownfields Amendments"),¹⁸⁸ the user must conduct the following inquiries required by 40 CFR §§ 312.25, 312.28, 312.29, 312.30, and 312.31. These inquiries must also be conducted by EPA Brownfield Assessment and Characterization grantees. The user should provide the following information to the environmental professional. Failure to conduct these inquiries could result in a determination that "all appropriate inquiries" is not complete."

NAME: Roman Catholic Bishop of Orange (RCBO) (Doug Woodward or Rich Salmon on behalf of RCBO)

BUSINESS TITLE: _____

RELATIONSHIP TO SUBJECT PROPERTY: Owner

SUBJECT PROPERTY ADDRESS: 14010 Remington, Irvine, CA

APN and LOT SIZE: 529-401-01 6 Ac

DATE OF PURCHASE/OCCUPANCY: Purchased 7/29/1983, Occupied 2000

SUBJECT PROPERTY DESCRIPTION (ie, number buildings, date constructed, use, building sizes, utilities):

1 Building consisting of apx 7,128/sf, constructed in 2000. Normal utilities provided in the area serve the property

1.) Environmental liens that are filed or recorded against the subject property (40 C.F.R. § 312.25).

Did a search of recorded land title records (or judicial records where appropriate, see Note 1 below) identify any environmental liens filed or recorded against the subject property under federal, tribal, state or local law?

Property was deeded to RCBO from Irvine Company as vacant land.

We know of no environmental liens other than the groundwater well easement

NOTE 1 — In certain jurisdictions, federal, tribal, state, or local statutes, or regulations specify that environmental liens and AULs be filed in judicial records rather than in land title records. In such cases judicial records must be searched for environmental liens and AULs.

2.) Activity and use limitations that are in place on the subject property or that have been filed or recorded against the subject property.

Did a search of recorded land title records (or judicial records where appropriate, see Note 1 above) identify any AULs, 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?

RCBO operates under a CUP for the site as a religious designation

3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 C.F.R. § 312.28).

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?

N/A

4.) Relationship of the purchase price to the fair market value of the subject property if it were not contaminated (40 C.F.R. § 312.29).

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

N/A

5.) Commonly known or reasonably ascertainable information about the subject property (40 C.F.R. § 312.30).

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,

(a.) Do you know the past uses of the subject property?

Vacant Land from our knowledge

(b.) Do you know of specific chemicals that are present or once were present at the subject property?

don't know

(c.) Do you know of spills or other chemical releases that have taken place at the subject property?

don't know

(d.) Do you know of any environmental cleanups that have taken place at the subject property?

don't know

6.) 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 (40 C.F.R. § 312.31).

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?

Don't know

To the best of my knowledge and belief, all information contained herein is true and complete.

SIGNATURE: _____

DATE: _____

Thank you for taking the time to complete the above USER ENVIRONMENTAL QUESTIONNAIRE. Below is ENERCON's standard checklist, as dictated by the ASTM E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, used at the time of site reconnaissance. Please, provide details pertaining to these listed items, if known prior to the site inspection. Your assistance is much appreciated. If you have any questions, feel free to contact me.

Observations	No	Yes	Details
Hazardous Substances and Petroleum Products in Connection with Identified Uses — ☐ materials ☐ locations ☐ container sizes: drums, 5-gallon, 1-gallon, pint, spray cans ☐ quantity ☐ secondary containment ☐ evidence of spills/leaks	X		
Storage Tanks — Underground Storage Tanks (USTs) ☐ # of tanks ☐ locations ☐ capacities ☐ contents ☐ construction material ☐ are they double walled ☐ type of monitoring systems ☐ testing information ☐ permits	X		
Storage Tanks — Aboveground Storage Tanks (ASTs) ☐ # of tanks ☐ locations ☐ capacities ☐ contents ☐ construction material ☐ secondary containment ☐ permits	X		
Fuel Islands and Dispensers — ☐ number of dispensers ☐ locations ☐ number of nozzles ☐ equipped with vapor recovery systems ☐ UST or AST	X		
Drums, Totes, and Intermediate Bulk Containers — ☐ # of drums, totes, containers ☐ locations ☐ capacities ☐ contents ☐ construction material ☐ secondary containment	X		



ENERCON

Excellence—Every project. Every day.

Observations	No	Yes	Details
Hazardous Substance and Petroleum Products Containers (Not Necessarily in Connection with Identified Uses) — ☐ materials ☐ locations ☐ container sizes: drums, 5-gallon, 1-gallon, pint, spray cans ☐ quantity ☐ secondary containment ☐ evidence of spills/leaks	X		
Unidentified Substance Containers — ☐ locations ☐ container sizes: drums, 5-gallon, 1-gallon, pint, spray cans ☐ quantity ☐ evidence of spills/leaks	X		
Drains — ☐ exterior ☐ interior (floor drains)	X		
Sumps — ☐ lined ☐ dimensions	X		
Clarifier, Waste Water Treatment Units, or Sewer Interceptors — ☐ lined ☐ dimensions	X		
Pits — ☐ dimensions	X		
Septic Systems — ☐ on-site septic systems ☐ cesspools	X		
Ponds, Lagoons, Wetlands —	X		
Stressed Vegetation —	X		
Herbicide or pesticide use —	X		

Observations	No	Yes	Details
Solid Waste — ☐ areas that are apparently filled or graded by non-natural causes (or filled by fill of unknown origin) suggesting trash construction debris, demolition debris, or other solid waste disposal, or mounds or depressions suggesting trash or other solid waste disposal.	X		
Odors — ☐ strong, pungent, noxious ☐ source	X		
Standing Surface Water —	X		
Pools of Liquid —	X		
Stains or Corrosion on Floors, Walls, or Ceilings —	X		
Stained Soil or Pavement —	X		
Wastewater — ☐ any discharge into a drain, ditch, underground injection system, or stream on or adjacent to the subject property shall be described in the report.	X		
Potable Water Source —	X		
Wells — ☐ dry wells ☐ irrigation wells ☐ injection wells ☐ abandoned wells ☒ groundwater monitoring wells ☐ septic wells ☐ oil wells ☐ gas wells ☐ domestic water wells ☐ vapor recovery wells ☐ other types		X	Well No. TIC-41 was destructed in 2003, active groundwater monitoring well No. IDM-3. Information Attached
PCBs — ☐ electrical ☐ hydraulic equipment known to contain PCBs or likely to contain PCBs	X		

Observations	No	Yes	Details
Hydraulic Lifts — ☐ in-ground ☐ above-ground			
Heating/Cooling — ☐ The means of heating and cooling the buildings on the subject property, including the fuel source for heating and cooling, shall be identified in the report (for example, heating oil, gas, electric, radiators from steam boiler fueled by gas)			
Railroad tracks or spurs —	X		
Chemical Processing — ☐ photo ☐ printing ☐ x-rays	X		
Dry Cleaning Operation — ☐ # machines ☐ location machines ☐ fuel source ☐ single-sourced site ☐ multi-sourced plant	X		

NAME: Jeff Geremia

SIGNATURE: Jeff Geremia

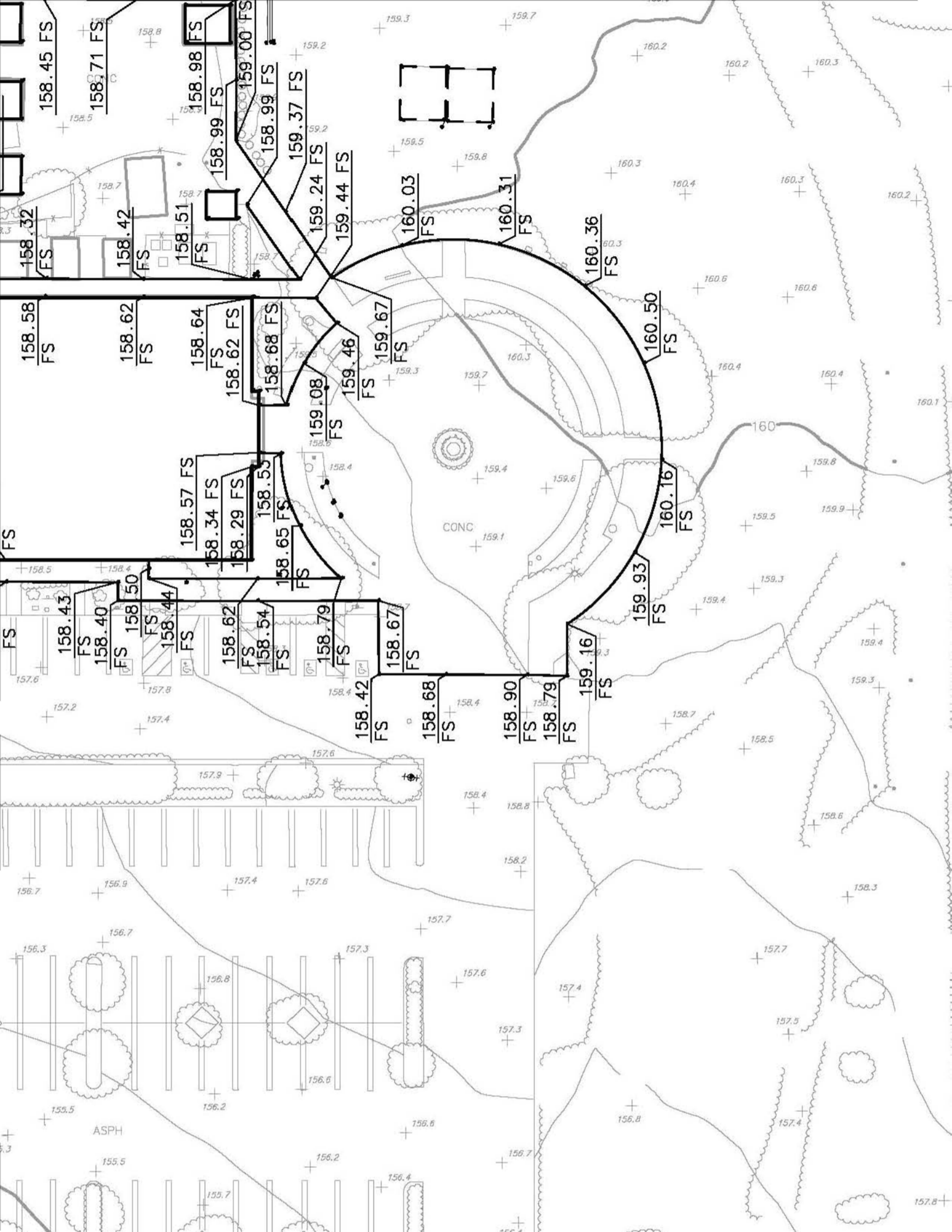
DATE: 4/3/24



3-Story 8-Plex,

Pocket Park

15' Setback to Local Street



Directors

PHILIP L. ANTHONY
WES BANNISTER
KATHRYN L. BARR
DENIS R. BILODEAU
RICHARD CHAVEZ
PAUL COOK
JAN DEBAY
BRETT FRANKLIN
LAWRENCE P. KRAEMER JR.
SHAWN NELSON



Officers

DENIS R. BILODEAU
President
PHILIP L. ANTHONY
First Vice President
BRETT FRANKLIN
Second Vice President
VIRGINIA GREBBIEN
General Manager
JANICE DURANT
District Secretary

ORANGE COUNTY WATER DISTRICT

Orange County's Groundwater Authority

July 2, 2003

Roman Catholic Bishop of Orange
2811 E. Villa Real Dr.
Orange, CA 92863

Re: Well Destruction Report

ST. THOMAS MORE

Enclosed please find the 'owners copy' of the well completion report for the destruction of your well located on the corner of Remington and Trabuco in Irvine. The original has been sent to The Department of Water Resources and the 'drillers copy' was sent to the driller. If you have any questions or comments, please do not hesitate to contact me at (714) 378-3227 or via email at lmccconnell@ocwd.com.

Sincerely,

Lynn McConnell
Administrative Support Specialist
Orange County Water District
10500 Ellis Ave.
Fountain Valley, CA. 92708

Enclosures

Permit No. 03-04-49

No. 505933

HEALTH CARE AGENCY

Permit Date **4-29-03**

DWR USE ONLY - DO NOT FILL IN												
0	5	8	0	9	W	3	6	B	0	0	1	
STATE WELL NO./STATION NO.												
LATITUDE						LONGITUDE						
APN/TRS/OTHER												

WELL OWNER

[illegible]

CERTIFICATION STATEMENT

- ☐ Geologic Log
☐ Well Construction Diagram
☐ Geophysical Log(s)

I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief.

NAME _____
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)

Lily Funk

From: Phil Ries
Sent: Monday, September 11, 2006 3:26 PM
To: Theresa Nault-St. Thomas More Catholic Church
Cc: Doug Fisher; Joe Novoa; Mickie Schinderle; Lily Funk; JoAnn Davis; jjanze@stmore-i.org
Subject: RE: Post Const. Best Practices Self Verification

Thanks Theresa,

I appreciate your getting this back into shape.

All the best,

Phil

-----Original Message-----

From: Theresa Nault-St. Thomas More Catholic Church [mailto:tnault@stmore-i.org]
Sent: Monday, September 11, 2006 2:57 PM
To: Phil Ries
Cc: Doug Fisher; Joe Novoa; Mickie Schinderle; Lily Funk; JoAnn Davis; jjanze@stmore-i.org
Subject: Post Const. Best Practices Self Verification

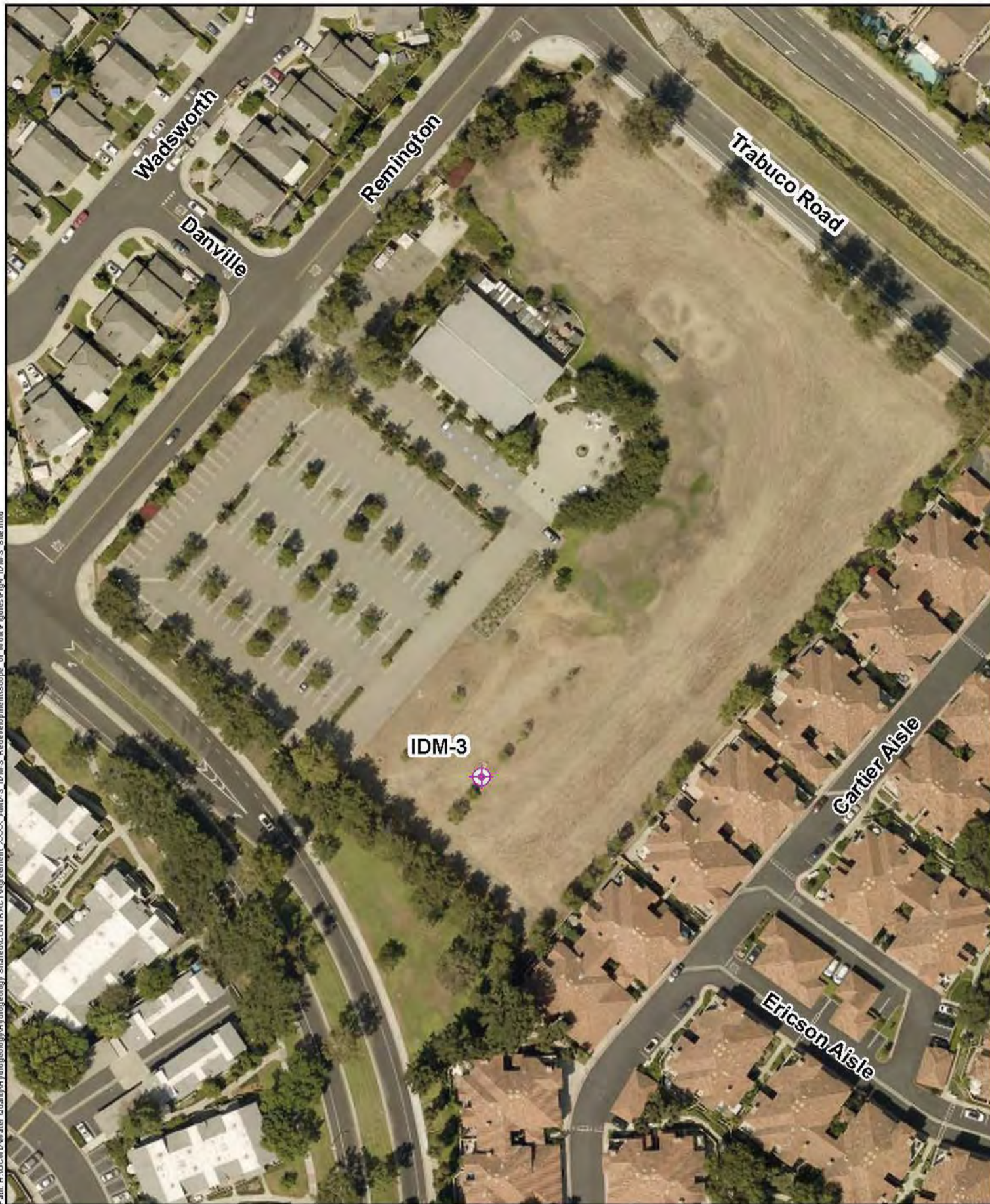
This is in response to your memo dated 8-17-2006 re.the above subject matter:

We have obtained a copy of the Basic Management Practices and are in compliance. Per my conversation with Joann Davis, I will FAX a letter with Fr. John's signature saying we are in compliance.

I have also notified the City of Irvine, Water Quality Engineer, to send all future correspondences to the attention of Fr. John Janze, St. Thomas More regarding future self verification reports as opposed to the Bishop's attention.

If any of you would like a copy of the BEST MNGT. PRACTICES for STM please notify me and I will send you a copy; it is 43 pages so I will not mail copies unless requested.

In Christ,
Theresa Nault
Bus. Mgr.



0 50 100 Feet



Nested Monitoring Well

AMD-3 Site
Private Property Irvine CA

Figure 4

Recording Requested by and when
Recorded Mail this Deed and Mail
Tax Statement to:

ORANGE COUNTY WATER DISTRICT
10500 Ellis Avenue
P. O. Box 8300
Fountain Valley, CA 92728-8300

Exempt from Fee--Public Agency
(Government Code Section 6103)

Recorded in Official Records, County of Orange
Tom Daly, Clerk-Recorder

NO FEE
2003000273560 08:11am 03/13/03
117 80 E01 8
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

SPACE ABOVE FOR RECORDER'S USE ONLY

DEC - 5 2002

EASEMENT DEED
Monitoring Well Site IDM-3

FOR A VALUABLE CONSIDERATION, the receipt and adequacy of which is hereby acknowledged,

THE ROMAN CATHOLIC BISHOP OF ORANGE, a corporation sole, ("Grantor" herein),

hereby GRANTS AND CONVEYS to the

ORANGE COUNTY WATER DISTRICT, a political subdivision of the State of California ("Grantee" herein), and its successors and assigns,

a non-exclusive perpetual easement "Parcel 1" herein and an operations and maintenance easement "Parcel 2" herein and right-of-way. Parcel 1 shall be for monitoring well IDM-3, to install, construct, reconstruct, redevelop, remove and replace, inspect, maintain, operate, improve a monitoring well with incidental appurtenances and structures, on, along and under the real property situated in the City of Irvine, County of Orange, State of California, and more particularly described in Exhibits "A" and "B" to this deed, including ingress and egress to the easements from the nearest public right-of-way. It is agreed that Grantor is granting the easements described herein for monitoring well IDM-3 in exchange for the proper abandonment of inactive well TIC-41 by the Grantee in accordance with all governmental standards.

The rights being granted herein include the right to enter from the nearest public right-of-way to the easements and to deposit tools, implements and other materials thereon for use on the site by Grantee or its successors and assigns, its officers, agents and employees, and by persons or entities under contract with Grantee, its successors and assigns, wherever and whenever necessary for the purpose of constructing, reconstructing, redeveloping, renewing, inspecting, maintaining, repairing, using and operating monitoring well IDM-3. Grantee agrees, except for emergencies, that all work and equipment on the site shall be on Monday through Friday, 8AM to 5PM only.

The operations and maintenance easement, Parcel 2 herein, is for the purpose of redeveloping or refurbishing the well and access to the well site. It is anticipated that the well will periodically require the use of a well development/pump rig to perform this maintenance.

RECORD NO. 4826
OCWD DOC. R03-1-5 A
Filed w/ R03-1-5 B

The maintenance easement is required for well redevelopment or refurbishment approximately every ten years, however due to the nature of water wells, this period may be more or less. Grantee shall notify Grantor at least 30 days in advance of any maintenance using a well development/pump rig and the days and hours of use shall be limited as set forth above. Access to the well site shall be on a daily basis.

It is understood and agreed that the easements and right-of-way granted herein are subject to the rights of Grantor, its successors and assigns to use the surface of the land within the boundaries of the easements in any and all ways not inconsistent with the non-exclusive rights granted hereby, provided, however, that no buildings or structures shall be constructed, installed or situated within ten (10) feet of the easements, and provided further, that no earth be removed from the cover of the permanent easement, Parcel 1 herein. Specifically, Grantor contemplates using the operations and maintenance easement for parking.

Grantee shall indemnify, defend and hold Grantor, its agents, representatives, directors, officers, or employees harmless from and against any actions, claims, damages to persons or property, obligations or liabilities that may be asserted or claimed by any person or entity in connection with any of the rights granted to Grantee under this Easement Deed, including payment of reasonable legal expenses. At Grantor's request certificates of insurance in commercially reasonable amounts shall be furnished.

Grantee shall restore and landscape any area disturbed during construction or well redevelopment, including relocation of any lights or irrigation systems, to that condition that existed prior to the construction or well redevelopment.

This easement and the provisions contained herein shall be binding upon and inure to the benefit of Grantor, Grantee, and their respective heirs, executors, administrators, personal representatives, successors and assigns.

These easements shall terminate at such time as IDM-3 is no longer used for a monitoring well and Grantee shall take all necessary actions to abandon it, at its sole cost and expense. At such time, Grantee shall record a quit claim deed to Grantor of its rights hereunder.

Any structures shall be below grade or at grade. Grantor shall have the right, with the consent of Grantee, which consent shall not be unreasonably withheld, to relocate the specific location of the operations and maintenance easement, Parcel 2 herein.

//
//
//

IN WITNESS WHEREOF, this instrument has been executed on 12/18/, 2002.

GRANTOR

**THE ROMAN CATHOLIC
BISHOP OF ORANGE**, a corporation sole

By: [Signature]
Its: Vicar General

By: N/A per Adam Hutchinson
Its:

GRANTEE

ORANGE COUNTY WATER DISTRICT,
a political subdivision of the State of California
organized under Chapter 924 of the Statutes of 1933, as
amended

By: [Signature]
President

By: [Signature]
General Manager

APPROVED AS TO FORM:

By: [Signature]
General Counsel, Orange
County Water District

EXHIBIT 'A'

ORANGE COUNTY WATER DISTRICT

THOSE PORTIONS OF PARCEL 1 OF PARCEL MAP NO. 82-0608 IN THE CITY OF IRVINE, COUNTY OF ORANGE, STATE OF CALIFORNIA AS SHOWN ON THE MAP FILED IN BOOK 177, PAGES 37 THROUGH 39, INCLUSIVE, OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY, BEING MORE PARTICULARLY DESCRIBED IN PARCELS AS FOLLOWS:

PARCEL 1 (PERMANENT EASEMENT)

COMMENCING AT THE MOST SOUTHERLY CORNER OF SAID PARCEL; THENCE NORTH 89°21'37" WEST 117.79 FEET ALONG THE SOUTHWESTERLY LINE OF SAID PARCEL; THENCE NORTH 40°38'23" EAST 63.94 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "A"; THENCE CONTINUING NORTH 40°38'23" EAST 25.00 FEET TO A POINT, SAID POINT BEING THE TRUE POINT OF BEGINNING; THENCE THE FOLLOWING COURSES: NORTH 49°21'37" WEST 5.00 FEET, NORTH 40°38'23" EAST 10.00 FEET, SOUTH 49°21'37" EAST 10.00 FEET, SOUTH 40°38'23" WEST 10.00 FEET AND NORTH 49°21'37" WEST 5.00 FEET TO THE TRUE POINT OF BEGINNING.

THE AREA OF THE ABOVE DESCRIBED PARCEL IS 100 SQUARE FEET.

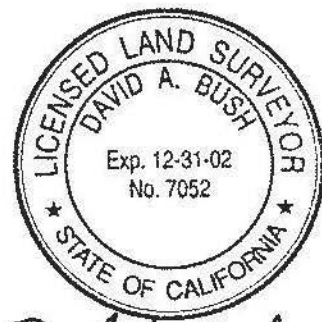
PARCEL 2 (OPERATIONS AND MAINTENANCE EASEMENT)

BEGINNING AT POINT "A" REFERRED TO HEREINBEFORE; THENCE THE FOLLOWING COURSES: NORTH 49°21'37" WEST 45.00 FEET, NORTH 40°38'23" EAST 60.00 FEET, SOUTH 49°21'37" EAST 90.00 FEET, SOUTH 40°38'23" WEST 60.00 FEET AND NORTH 49°21'37" WEST 45.00 FEET TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT PORTION LYING WITHIN PARCEL 1 AS DESCRIBED ABOVE.

THE AREA OF THE ABOVE DESCRIBED PARCEL IS 5,300 SQUARE FEET.

ALL AS SHOWN ON EXHIBIT 'B' ATTACHED HERETO AND MADE A PART HEREOF.



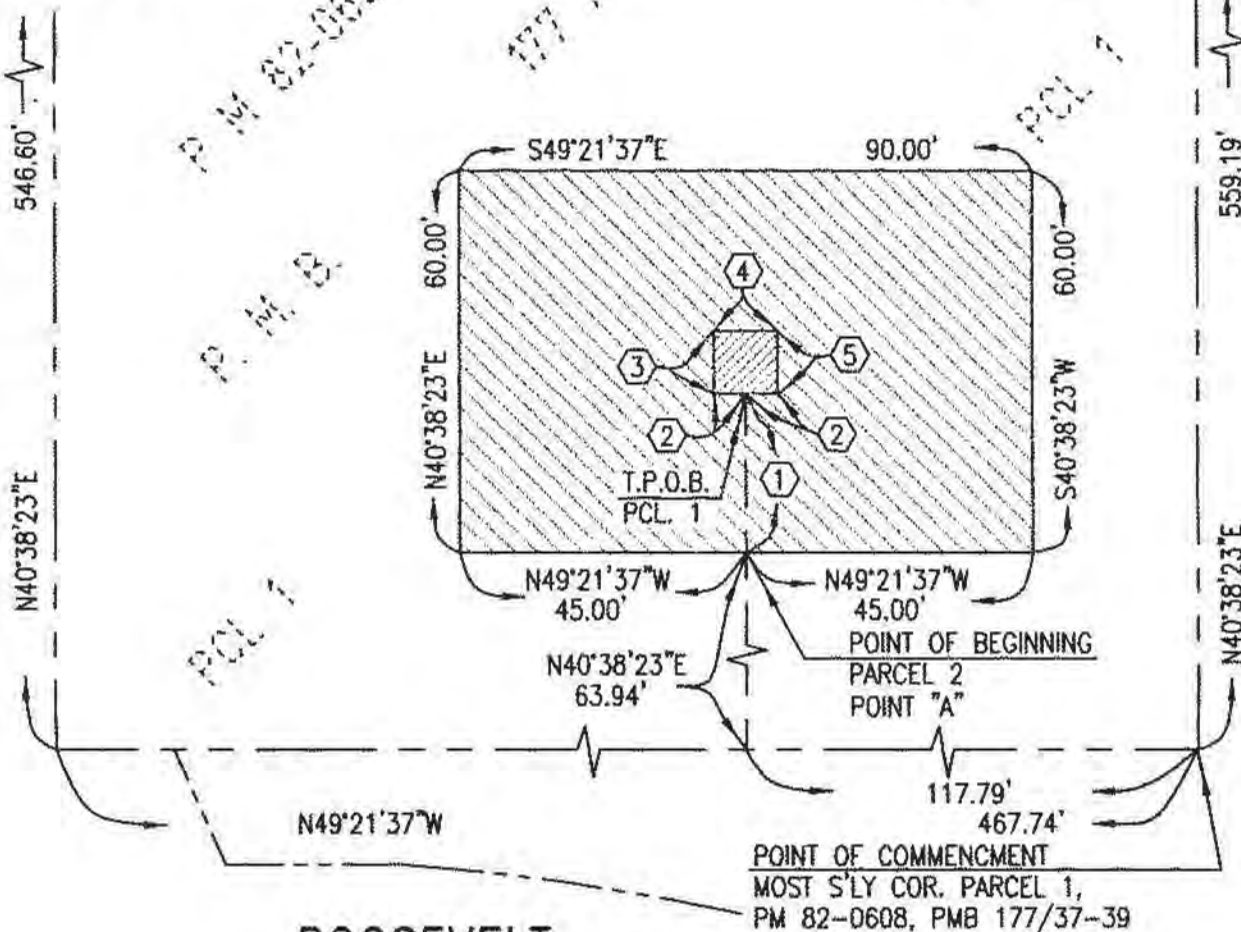
David A. Bush
11-18-02

EXHIBIT 'B'

- ①—N40°38'23"E 25.00'
- ②—N49°21'37"W 5.00'
- ③—N40°38'23"E 10.00'
- ④—S49°21'37"E 10.00'
- ⑤—S40°38'23"W 10.00'

SCALE: 1"=30'

REMINGTON



ROOSEVELT

PERMANENT EASEMENT PCL. 1
AREA = 100 SQ. FT.

OPERATION AND MAINTENANCE EASEMENT PCL. 2
AREA = 5,300 SQ. FT.



STATE OF CALIFORNIA)
) ss
ORANGE COUNTY)

On December 19, 2002, before me, the undersigned, a Notary Public in and for said State,
personally appeared John W. Bell and _____, I
☒ personally known to me OR ☐ 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.

WITNESS my hand and official seal.

Phyllis Soloy
Signature of Notary



[Seal]

STATE OF CALIFORNIA)
) ss
COUNTY OF ORANGE)

On FEBRUARY 18, 2003 before me, the undersigned, a Notary Public in and for said State, personally appeared Denis Bilodeau & Virginia Grebbien, [☒ personally known to me OR ☐ 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.

WITNESS my hand and official seal.

Janice M. Durant
Signature of Notary

[Seal]



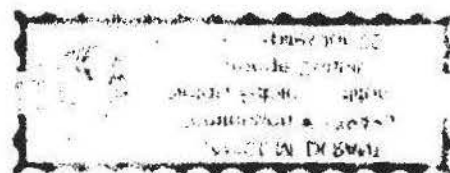
STATE OF CALIFORNIA)
) ss
COUNTY OF ORANGE)

On _____, _____ before me, the undersigned, a Notary Public in and for said State, personally appeared _____, [☐ personally known to me OR ☐ 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.

WITNESS my hand and official seal.

Signature of Notary

[Seal]



CERTIFICATE OF ACCEPTANCE

(Government Code Section 27281)

THIS IS TO CERTIFY that the interest in real property conveyed by the Deed or Grant dated 12-18, 02 from The Roman Catholic Bishop, to the ORANGE COUNTY WATER DISTRICT, a political subdivision of the State of California, is hereby accepted by the undersigned officer on behalf of the BOARD OF DIRECTORS OF THE ORANGE COUNTY WATER DISTRICT, pursuant to the authority conferred by resolution of the BOARD OF DIRECTORS OF THE ORANGE COUNTY WATER DISTRICT adopted on JANUARY 15, 2003 and the Grantee consents to recordation thereof by its duly authorized officer.

Dated: 1-15-, 2003

BY:

Jane L. Laurant

APPENDIX C
HISTORICAL LAND USE RECORDS



HISTORICAL AERIALS

Project Property: 14010 Remington, Irvine

14010 Remington

Irvine CA 92620

Project No: EG-SHEA-23-8

Requested By: Enercon Services, Inc.

Order No: 24040100864

Date Completed: April 03, 2024

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

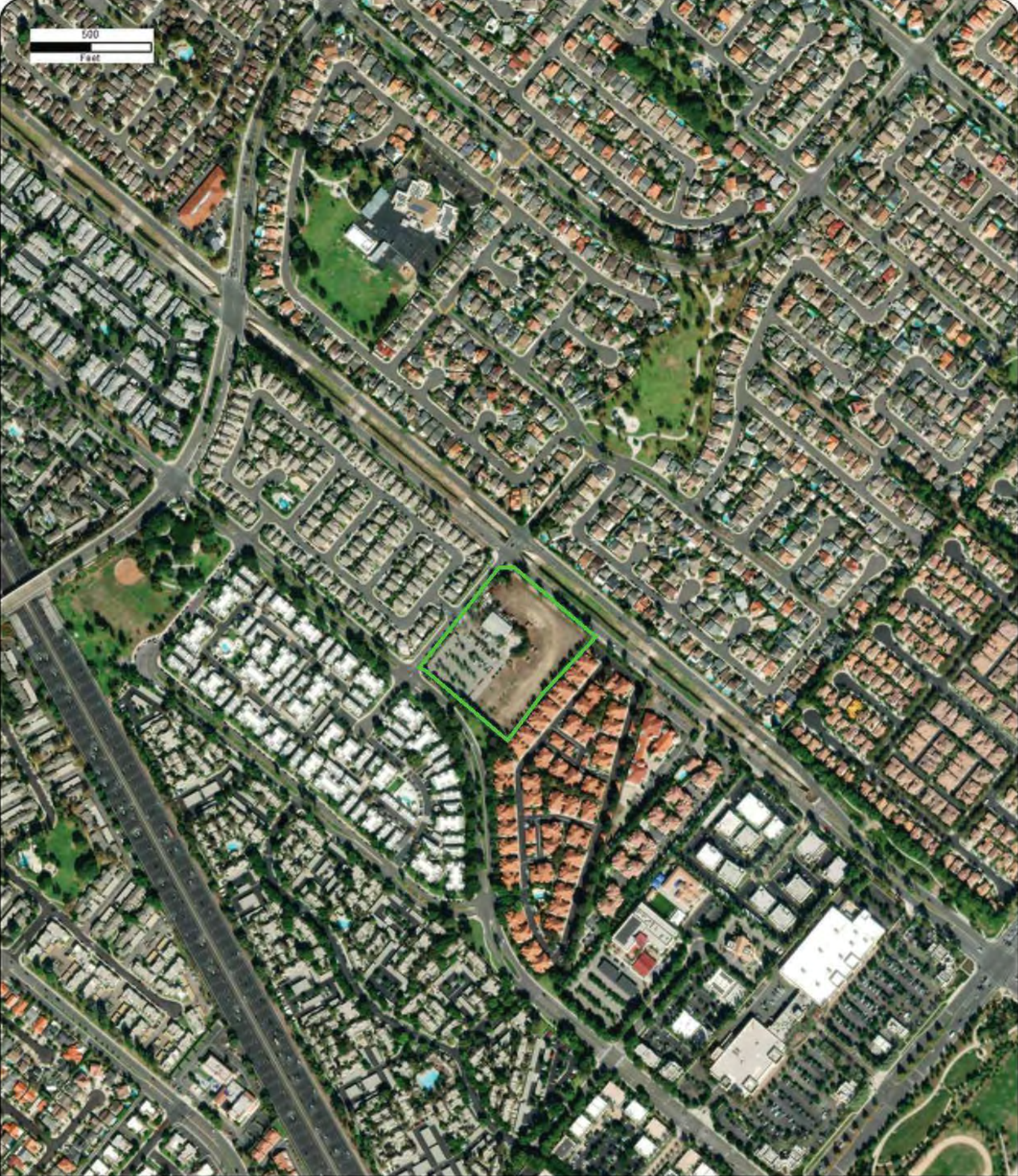
Environmental Risk Information Services

A division of Glacier Media Inc.

1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
2023	Maxar Technologies	1" = 500'	
2020	United States Department of Agriculture	1" = 500'	
2018	United States Department of Agriculture	1" = 500'	
2016	United States Department of Agriculture	1" = 500'	
2014	United States Department of Agriculture	1" = 500'	
2012	United States Department of Agriculture	1" = 500'	
2010	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2002	United States Geological Survey	1" = 500'	
1994	United States Geological Survey	1" = 500'	
1986	Private	1" = 500'	
1980	United States Geological Survey	1" = 500'	
1972	United States Geological Survey	1" = 500'	
1963	United States Geological Survey	1" = 500'	
1952	Agricultural Stabilization & Conserv. Service	1" = 500'	
1947	United States Geological Survey	1" = 500'	
1938	Agricultural Stabilization & Conserv. Service	1" = 500'	

500
Feet



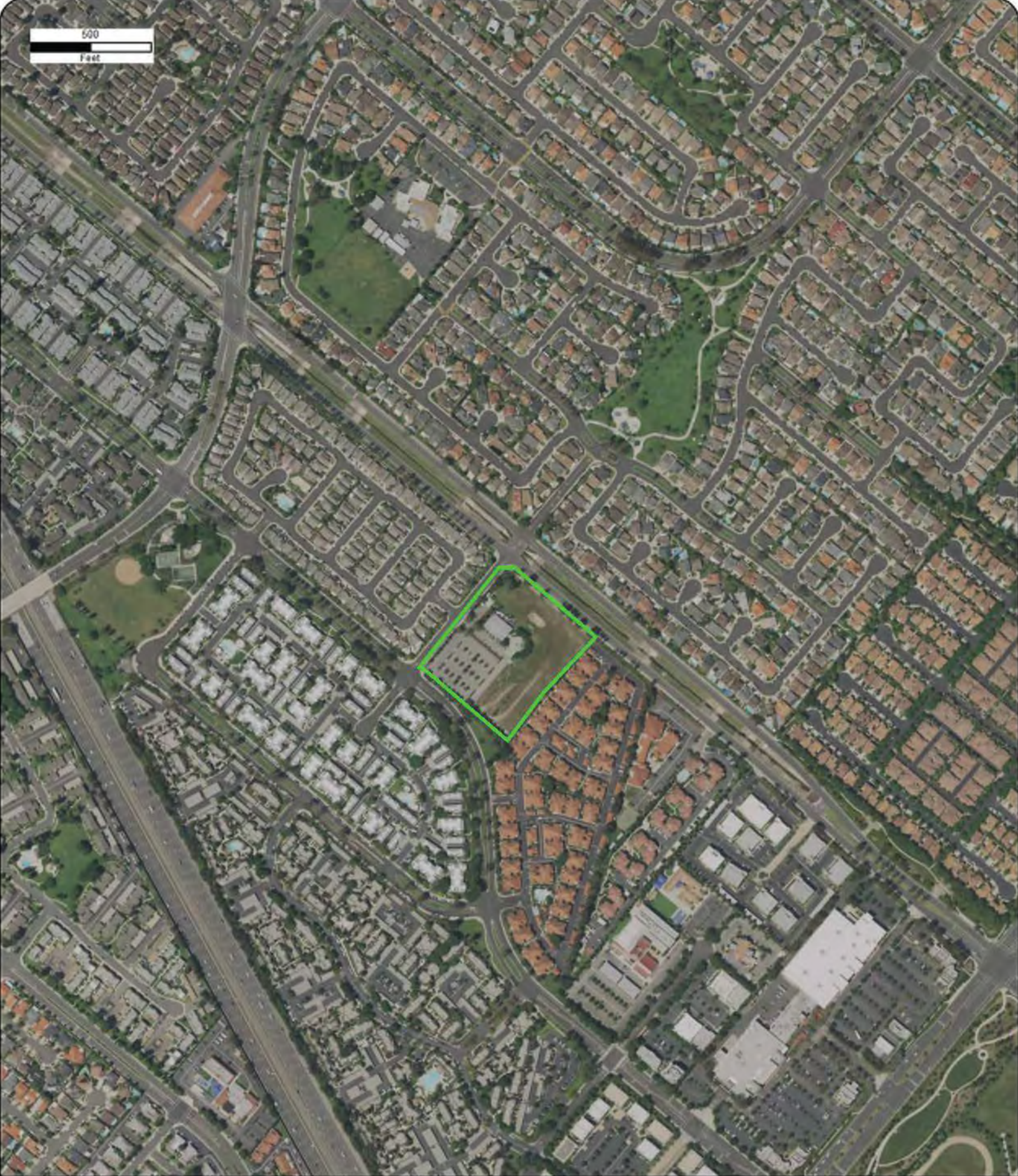
Year: 2023
Source: MAXAR
Scale: 1" = 500'
Comment:

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864



500
Feet



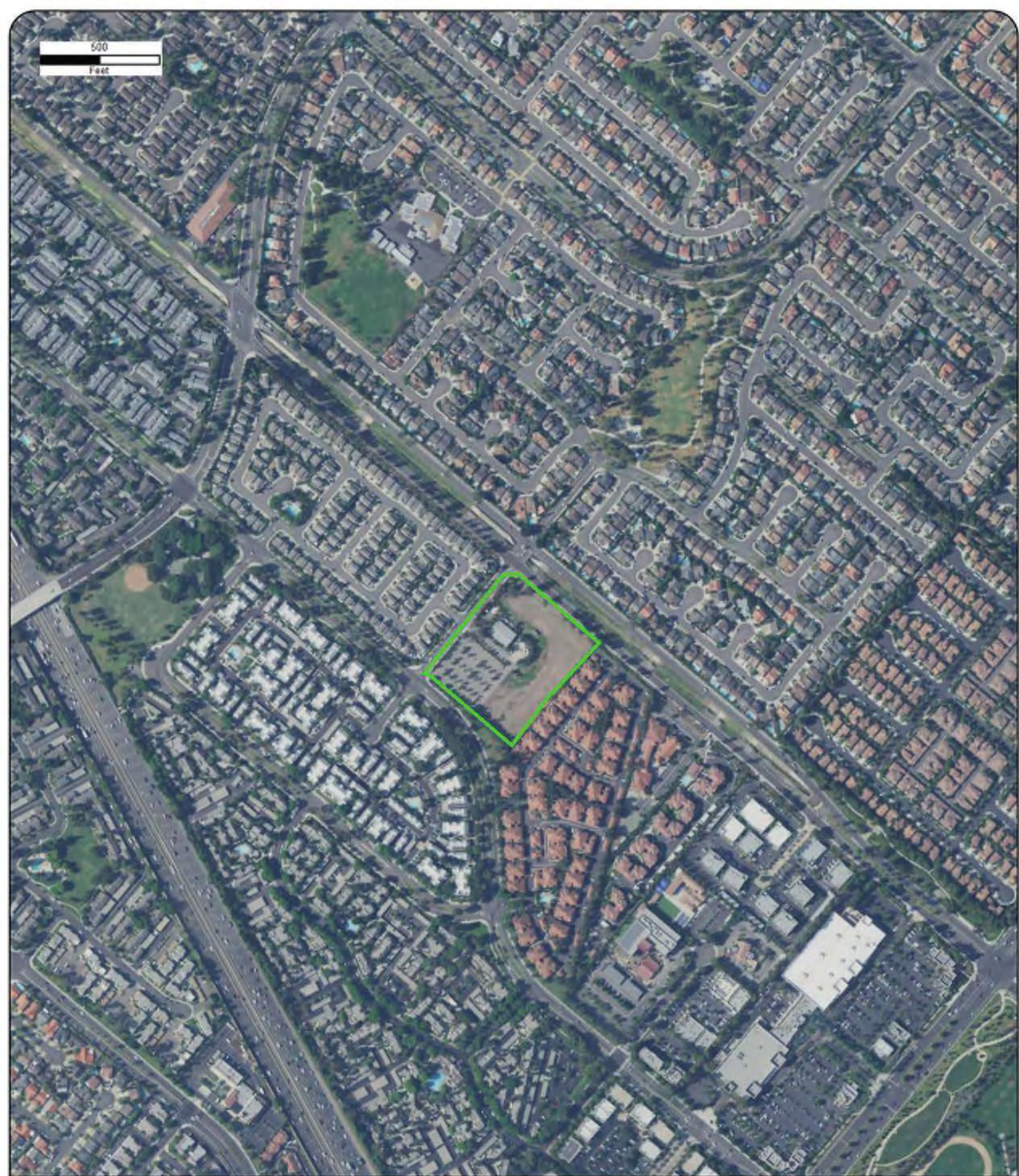
Year: 2020
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864



500
Feet



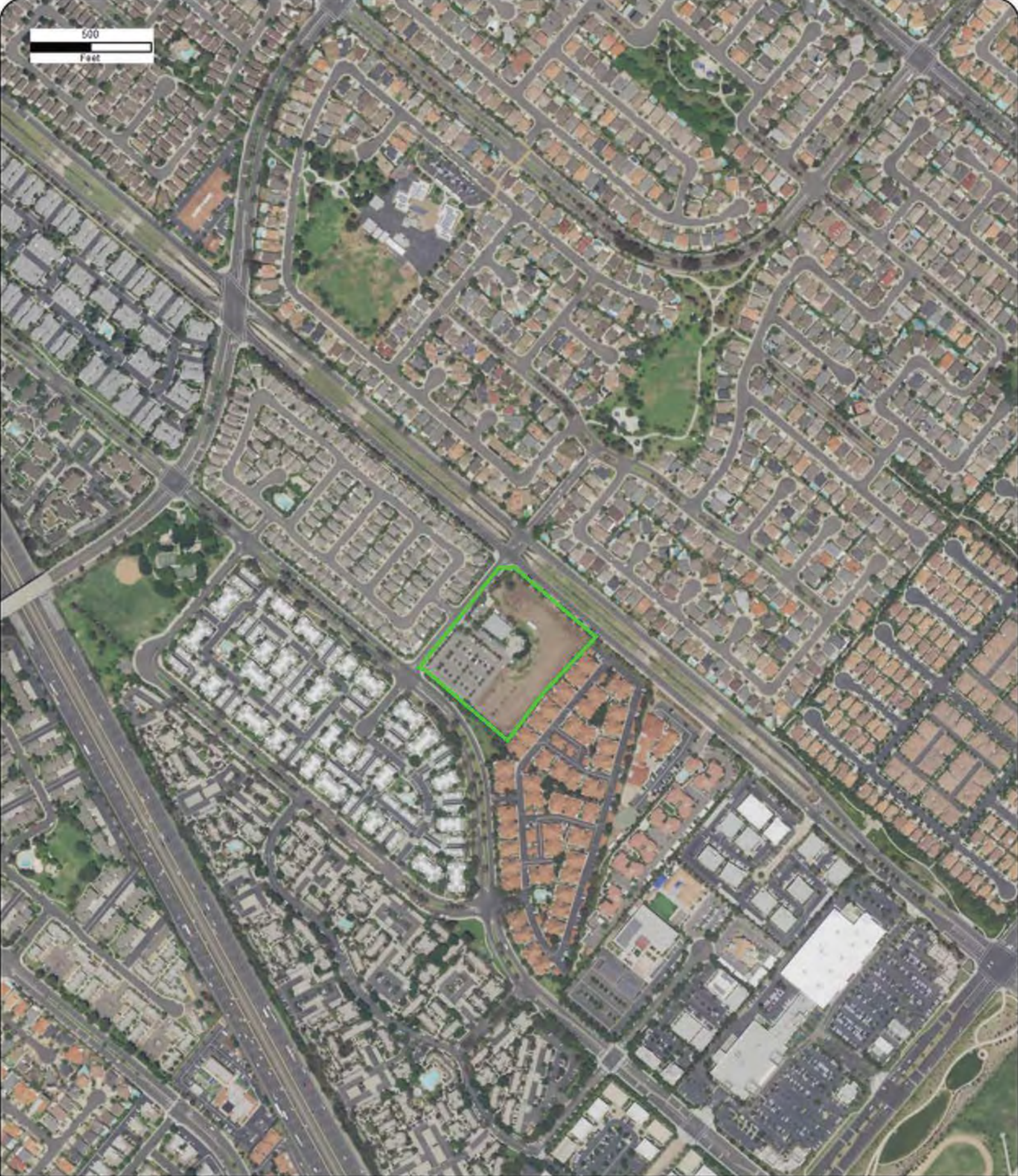
Year: 2018
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864



500
Feet



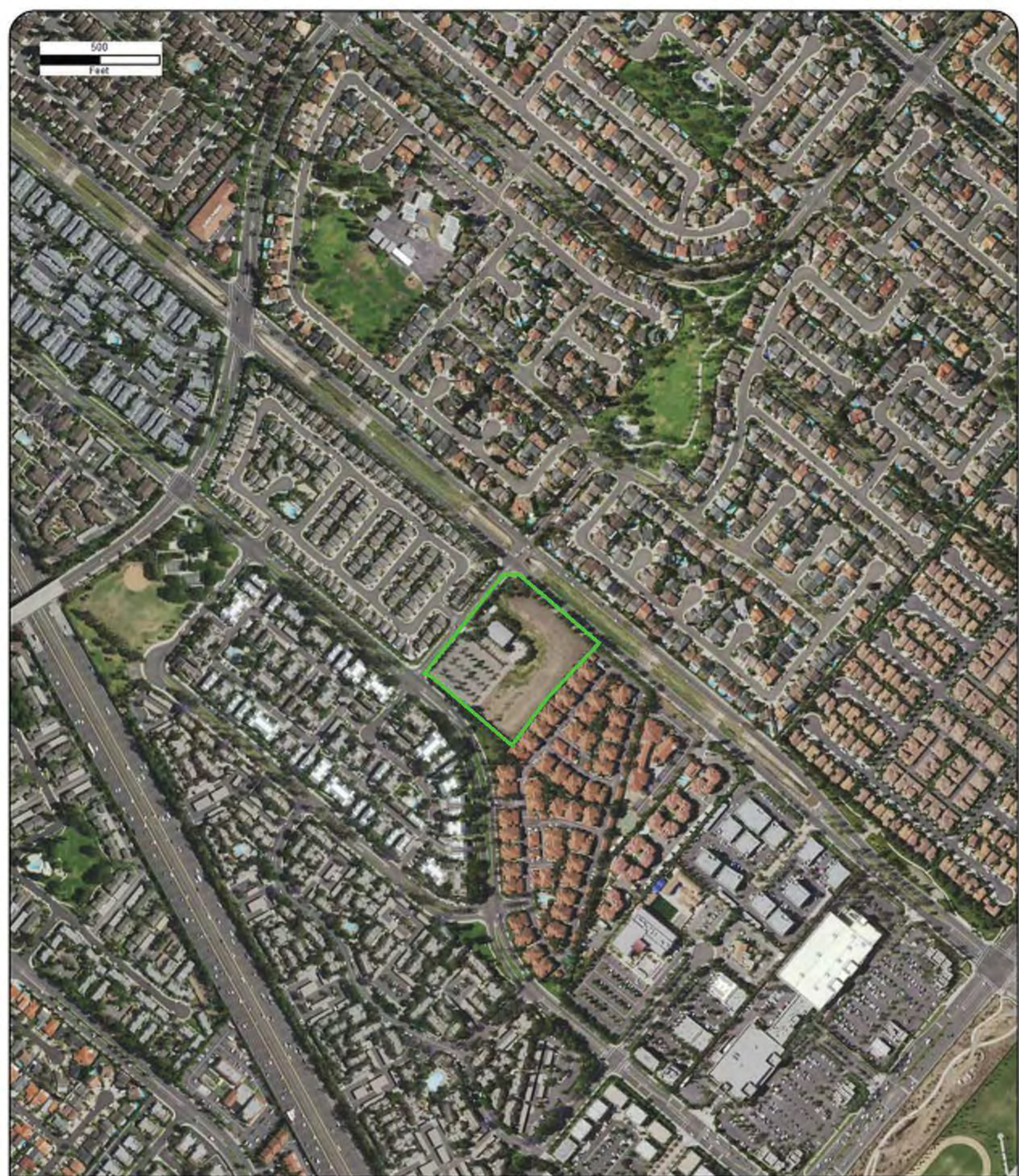
Year: 2016
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864



500
Feet

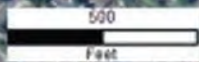


Year: 2014
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864





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

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864



500
Feet



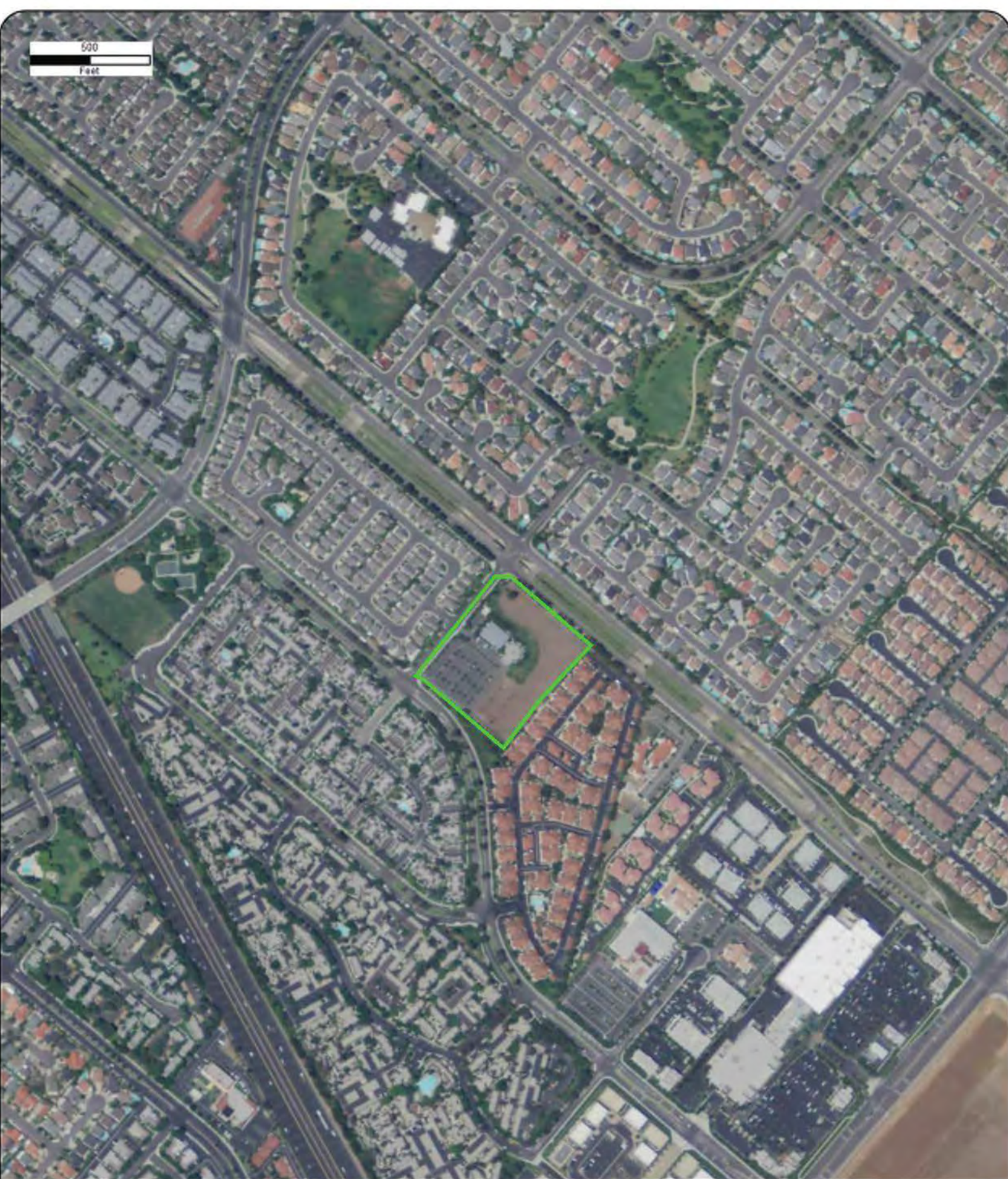
Year: 2010
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864



500
Feet

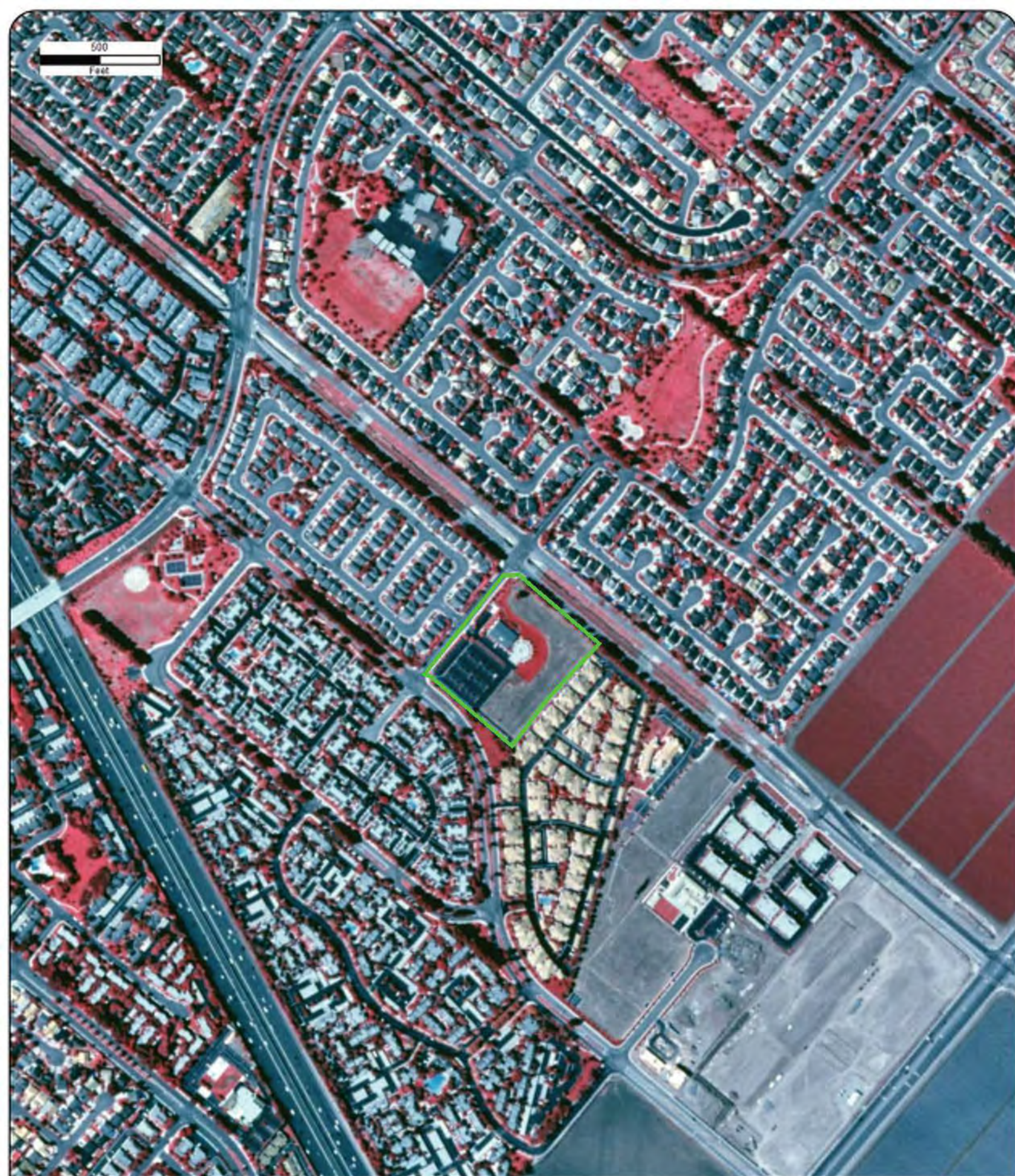


Year: 2009
Source: USDA
Scale: 1" = 500'
Comment:

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864





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

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864





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

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864



500
Feet

Year: 1986
Source: Private
Scale: 1" = 500'
Comment:

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864



500
Feet



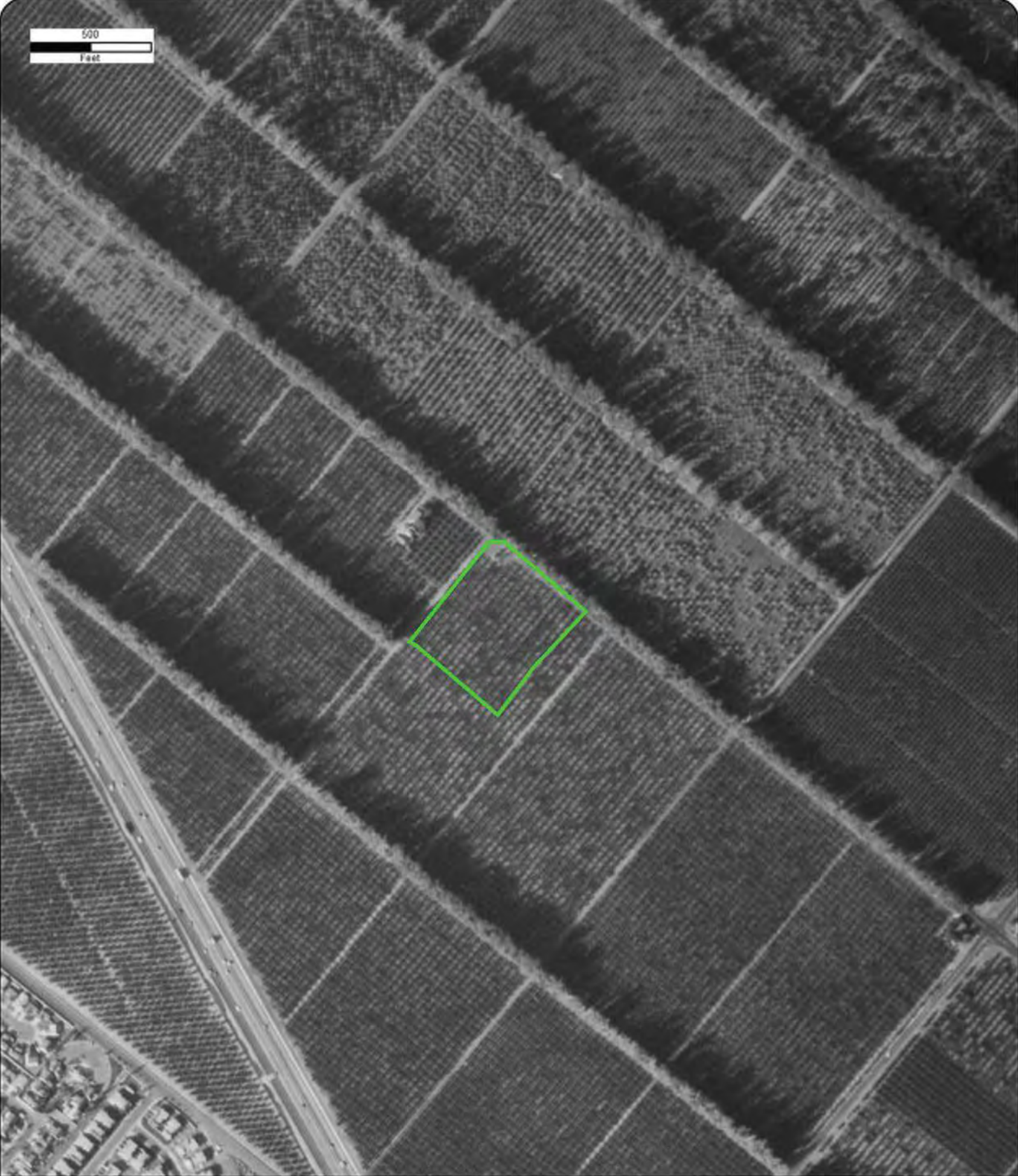
Year: 1980
Source: USGS
Scale: 1" = 500'
Comment:

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864



500
Feet

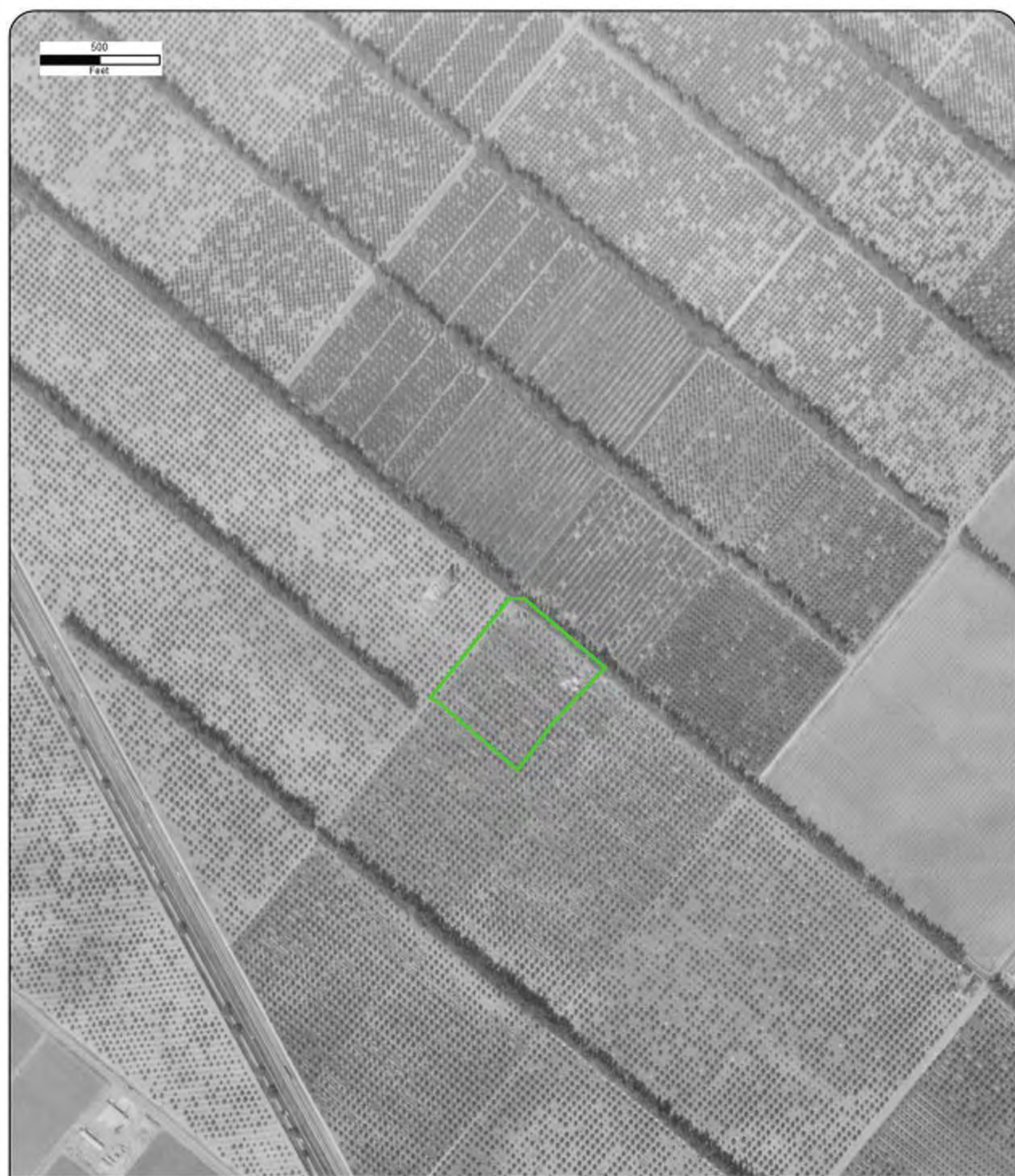
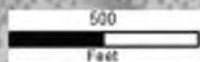


Year: 1972
Source: USGS
Scale: 1" = 500'
Comment:

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864



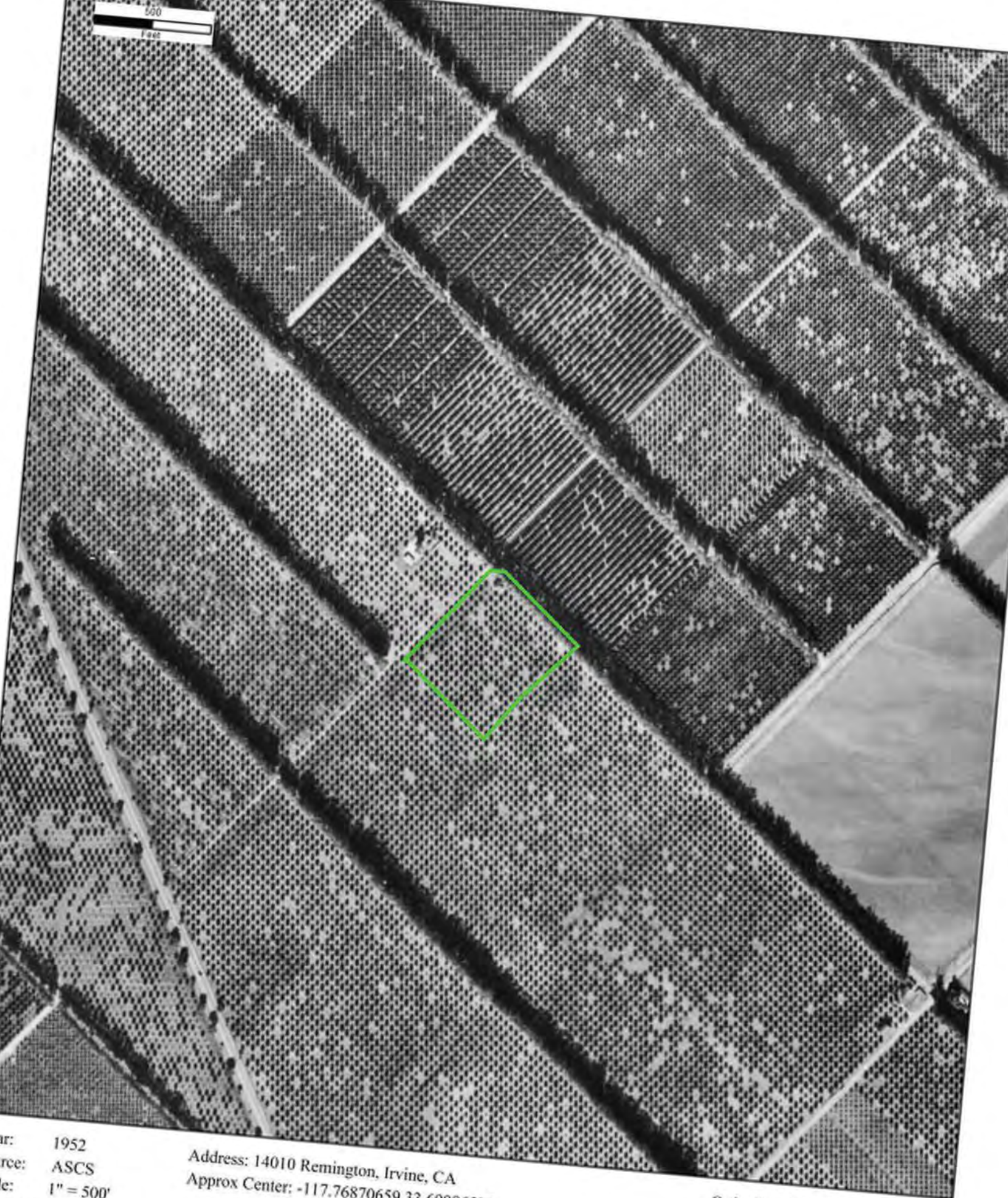


Year: 1963
Source: USGS
Scale: 1" = 500'
Comment:

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864

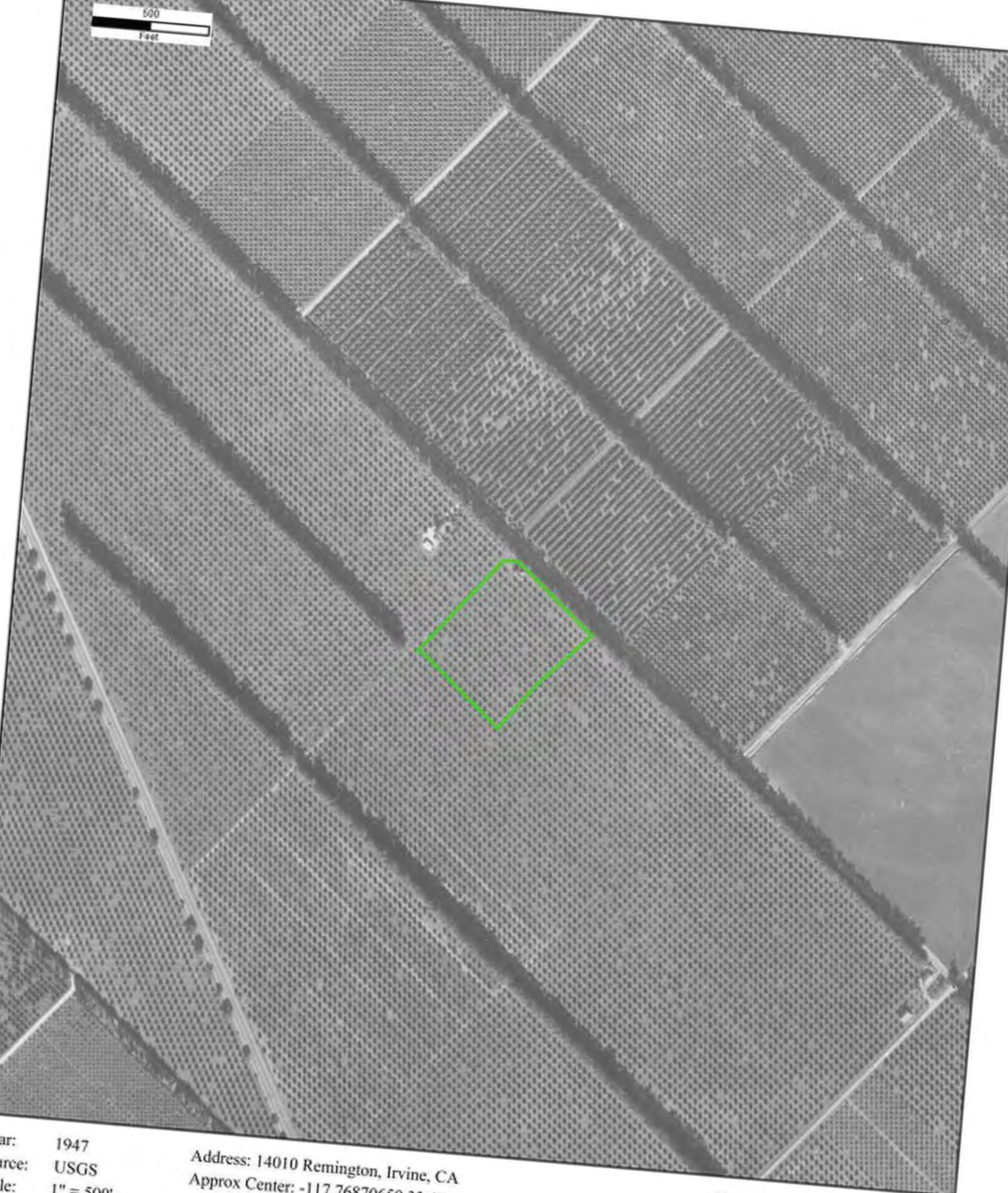




Year: 1952
Source: ASCS
Scale: 1" = 500'
Document:

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864



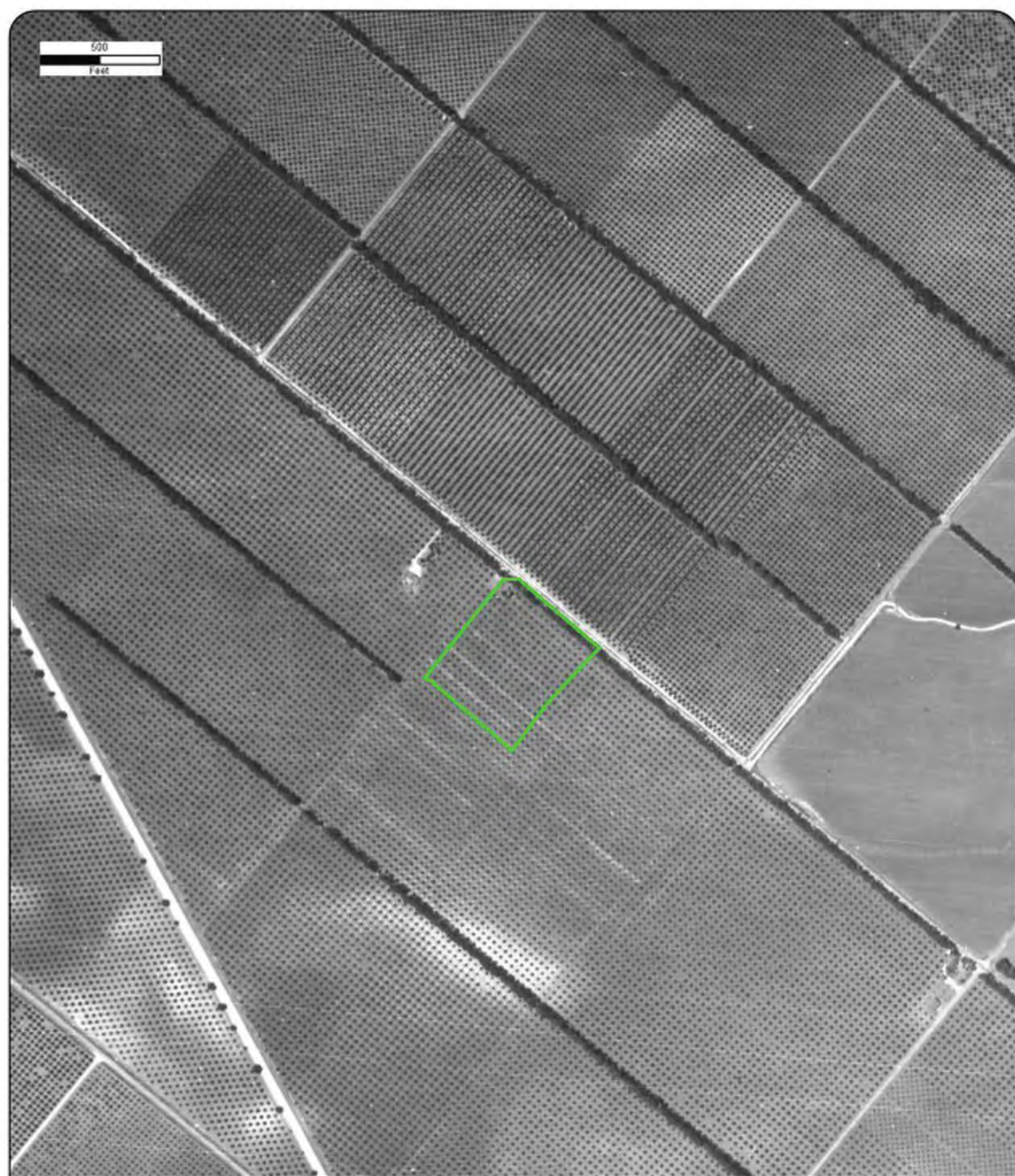
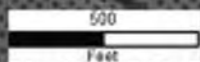
500
Feet

ar: 1947
rce: USGS
le: 1" = 500'
ment:

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864





Year: 1938
Source: ASCS
Scale: 1" = 500'
Comment:

Address: 14010 Remington, Irvine, CA
Approx Center: -117.76870659,33.69986536

Order No: 24040100864





CITY DIRECTORY

Project Property: 14010 Remington, Irvine
14010 Remington
Irvine, CA 92620

Project No: EG-SHEA-23-8

Requested By: Enercon Services, Inc.

Order No: 24040100864

Date Completed: April 08, 2024

April 08, 2024

RE: CITY DIRECTORY RESEARCH

14010 Remington

Irvine, CA 92620

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

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

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

Search Criteria:

ALL of Remington

4500-5500 of Trabuco Rd

Search Notes:

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2001-02	HAINES	
1996-97	HAINES	
1991-92	HAINES	
1986	HAINES	
1981	HAINES	
1975	PACIFIC TELEPHONE	
1970	PACIFIC TELEPHONE	
1964	PACIFIC TELEPHONE	
1958	PACIFIC TELEPHONE	
1955	PACIFIC TELEPHONE	
1951	LUSKEYS	

87 total records. Part 1 of 2

2 KANDIE MCSHANE...RESIDENTIAL
 3 SCOTT SMITH...RESIDENTIAL
 4 FRANCES CAPORASO...RESIDENTIAL
 4 WREGG IMPORTS...GIFTWARES-WHOLESALE
 7 CAROLLE DALLEY...RESIDENTIAL
 11 KIMBERLY HOGAN...RESIDENTIAL
 15 FELIPE PEROSSIO...RESIDENTIAL
 16 RUTHERFORD CHAVOUS...RESIDENTIAL
 18 KENNETH KONDO...RESIDENTIAL
 19 MARY BOGARD...RESIDENTIAL
 21 STEPHANIE MONTGOMERY...RESIDENTIAL
 24 JOHN LOWE JR...RESIDENTIAL
 25 ERICA FORAL...RESIDENTIAL
 27 CAROL PHELPS...RESIDENTIAL
 29 ENRIQUE CARDONA...RESIDENTIAL
 30 KENNETH MACDONALD...RESIDENTIAL
 31 CHRISTOPHER JOHNSTON CONSLTNG...COMPUTER & EQUIPMENT DEALERS
 32 KIMBERLY ALEXANDER...RESIDENTIAL
 32 PATIENCE KUPRATIS...RESIDENTIAL
 32 TYLER ALEXANDER...RESIDENTIAL
 35 JANICE DOWNING...RESIDENTIAL
 36 SOFIA ZASLAVSKY...RESIDENTIAL
 37 DEAN VOYER...RESIDENTIAL
 39 HU PEN MEDIA...NONCLASSIFIED ESTABLISHMENTS
 40 EDWARD GEORGE...RESIDENTIAL
 40 MARCO CASTANEDA...RESIDENTIAL
 42 ALBA ANTON...RESIDENTIAL
 49 KYUNG YOON...RESIDENTIAL
 50 MELODIE DAVIS...RESIDENTIAL
 52 ANGELA QUIJANO...RESIDENTIAL
 53 SALLY KENT...RESIDENTIAL
 54 JESSE AQUINO...RESIDENTIAL
 62 TERRY PRELL...RESIDENTIAL
 63 JASON TURNER...RESIDENTIAL
 64 JERRY DEMING...RESIDENTIAL
 66 JAMES BERRIER...RESIDENTIAL
 67 JUDY CHEN...RESIDENTIAL
 68 GARRICK HIGA...RESIDENTIAL
 69 ARUN MALHOTRA...RESIDENTIAL
 70 GEORGE LORD...RESIDENTIAL
 72 NAYER KASHANCHI...RESIDENTIAL
 73 ANN NGUYEN...RESIDENTIAL
 73 ELIZABETH IREDALE...RESIDENTIAL
 74 MARY WEBBER...RESIDENTIAL
 76 JULIANA MOKREVA...RESIDENTIAL
 78 PATRICK HAAS...RESIDENTIAL
 79 DENEAN NELSON...RESIDENTIAL
 82 KAREN ALBERT...RESIDENTIAL
 83 HOMAYOUN SOHRAB...RESIDENTIAL
 84 EMILY ESQUEDA...RESIDENTIAL
 84 GIDEON SEGAL...RESIDENTIAL
 86 DIANE SNEED...RESIDENTIAL
 88 KWANG HWANG...RESIDENTIAL
 89 MICHELLE SHOBE...RESIDENTIAL
 90 ANH NGUYEN...RESIDENTIAL
 92 YOSHIE OHGI...RESIDENTIAL
 93 DEBRA CHRISTIANSEN...RESIDENTIAL
 98 ANTHONY RAPOZA...RESIDENTIAL
 102 KEVIN OH...RESIDENTIAL
 102 SUNGNAM OH...RESIDENTIAL
 103 RAEANN LEVEY...RESIDENTIAL
 106 ANDREW MARKUSON...RESIDENTIAL
 108 ARA CALIBASI...RESIDENTIAL
 110 JULIE CHEN...RESIDENTIAL
 110 PAULA HEGYES...RESIDENTIAL
 112 KA LIO...RESIDENTIAL
 113 ERIC HALL...RESIDENTIAL
 114 EARMA THOMPSON...RESIDENTIAL

Part 2 of 2

116 JULIE VASQUEZ...RESIDENTIAL
 118 ALI SADOUGH...RESIDENTIAL
 119 JENNIFER MONTGOMERY...RESIDENTIAL
 119 RICHARD SUSSMAN...RESIDENTIAL
 125 CHANG CHING CHEN...RESIDENTIAL
 127 GABRIEL TOOLEY...RESIDENTIAL
 127 WILLIAM WRIGHT...RESIDENTIAL
 129 LINDA JONES...RESIDENTIAL
 131 LINDSAY WONG...RESIDENTIAL
 137 HI KIM...RESIDENTIAL
 137 JIAJIE LI...RESIDENTIAL
 143 ANN DONAHUE...RESIDENTIAL
 147 DAVE OVENTHAL...RESIDENTIAL
 149 SYLVIA VEGA...RESIDENTIAL
 161 KATHERINE THOMPSON...RESIDENTIAL
 161 SHELLEY THOMPSON...RESIDENTIAL
 163 ALVARO ZINOS-AMARO...RESIDENTIAL
 167 CHRISTOPHER TEDFORD...RESIDENTIAL
 14010 OUR LADY PEACE KOREAN CTHLC...CHURCHES

103 total records. Part 1 of 2

4200 ANIMAL HOSPITAL OF IRVINE...VETERINARIANS
 4200 ANIMAL HOSPITAL OF IRVINE...ANIMAL HOSPITALS
 4200 BELLINGER, MIKE AGT...INSURANCE
 4200 BRENT M SMITH CHIRO CORP...MASSAGE THERAPISTS
 4200 BRENT M SMITH CHIRO CORP...CHIROPRACTORS DC
 4200 CARMONA, HEATHER LYN DC...CHIROPRACTORS DC
 4200 CHIROPRACTIC SPORTS INJURY...OFFICES OF CHIROPRACTORS
 4200 DIAL RIGHT SOFTWARE INC...RECORDS TAPES & COMPACT DISCS-RETAIL
 4200 DORNER PHYSICAL THERAPY...EXERCISE & PHYSICAL FITNESS PROGRAMS
 4200 DORNER PHYSICAL THERAPY...SPORTS MEDICINE & INJURIES
 4200 DORNER PHYSICAL THERAPY...ECOMMERCE
 4200 DORNER PHYSICAL THERAPY...PHYSICAL THERAPISTS
 4200 FARMERS INSURANCE...INSURANCE
 4200 IRVINE ACADEMY OF MUSIC...MUSIC INSTRUCTION-INSTRUMENTAL
 4200 IRVINE ACUPUNCTURE CTR...ACUPUNCTURE
 4200 IRVINE NAILS SPA...MANICURING
 4200 IRVINE QUALITY DISCOUNT CLNRS...CLEANERS
 4200 JALATY, CHUCK AGT...INSURANCE
 4200 JOHNSON, DAVID AGT...INSURANCE
 4200 LAM, ESTHER G DDS...DENTISTS
 4200 MUSIC TOWN...MUSIC INSTRUCTION-INSTRUMENTAL
 4200 OPTIMAL HEALTHCARE SOLUTIONS...ALL OTHER MISC AMBULATORY
 4200 HEALTH CARE SERVICES
 4200 OPTIMAL WELLNESS PHARMACY...PHARMACIES & DRUG STORES
 4200 ORANGE COUNTY OPTOMETRIC CTR...HEALTH SERVICES
 4200 REPIT J HAIR SALON...BEAUTY SALONS
 4200 TECH COAST REHAB INC...REHABILITATION SERVICES
 4200 VAPE CO...ELECTRONIC EQUIPMENT & SUPPLIES-RETAIL
 4200 VEGAS VOICE INSTITUTE...MUSIC INSTRUCTION-VOCAL
 4200 VIENNA STRING INSTITUTE...MUSIC INSTRUCTION-INSTRUMENTAL
 4200 WORLD AIR TRAVEL TOUR...TRAVEL AGENCIES & BUREAUS
 4200 YANG, REGINA DDS...DENTISTS
 4200 YANG, REGINA M DDS...DENTISTS
 4200 YOYO TEA SHOPPE...COFFEE SHOPS
 5200 SILVER CREEK INVSTMNT MGMT INC...MISCELLANEOUS INTERMEDIATION
 5200 TRUE JESUS CHURCH IN IRVINE...CHURCHES
 5300 AWAY GOAL...NONCLASSIFIED ESTABLISHMENTS
 5300 BABY ANGEL CARE...CHILD CARE SERVICE
 5300 CAROLINA BARRANTES...RESIDENTIAL
 5300 DAVAR SOBHANI...RESIDENTIAL
 5300 E T R SVC INC...AIR CARGO SERVICE
 5300 E T R SVC INC...SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION
 5300 FARAHNAZ MEHRSHAH...RESIDENTIAL
 5300 FARSHID NAMIRANIAN...RESIDENTIAL
 5300 FERNANDO BRAVO...RESIDENTIAL
 5300 IRENE CORONA...RESIDENTIAL
 5300 JULIO MONTERO...RESIDENTIAL
 5300 JUNAID SAMLA...RESIDENTIAL
 5300 MAJID DERKSHANIAN...RESIDENTIAL
 5300 MARYAM HOZOURI...RESIDENTIAL
 5300 NILMINI DAHANAYAKE...RESIDENTIAL
 5300 PAUL CHOI GARDENING...LAWN & GROUNDS MAINTENANCE
 5300 PENNY WHITE...RESIDENTIAL
 5300 RAFAT RASTEGARI...RESIDENTIAL
 5300 SHAHIN BAGHERI...RESIDENTIAL
 5300 SUN HUH...RESIDENTIAL
 5300 SUNG LIM LEE...RESIDENTIAL
 5400 CHA TRADITIONAL CHINESE...ACUPUNCTURE
 5400 CL WELLNESS INC...WELLNESS PROGRAMS
 5400 CORNERSTONE REAL ESTATE INTL...REAL ESTATE
 5400 CORNERSTONE REAL ESTATE INTL...REAL ESTATE INSPECTION
 5400 GARY FALLIS...NONCLASSIFIED ESTABLISHMENTS
 5400 LEE, CHRISTINE H...ACUPUNCTURE
 5400 MZ INVESTMENT...INVESTMENTS
 5400 PARK, MERCY...ACUPUNCTURE
 5410 DADU USA CORP...EXPORTERS (WHLS)
 5410 EDWARD JONES...FINANCIAL ADVISORY SERVICES
 5410 I LEARN EDUCATION...EDUCATIONAL SERVICE-BUSINESS

Part 2 of 2

5410 MSAA PARTNERS LLC...NONCLASSIFIED ESTABLISHMENTS
 5410 STATE FARM INSURANCE...INSURANCE
 5410 STATE FARM INSURANCE...INSURANCE-AUTOMOBILE
 5420 C H BEAUTY SKIN CARE...SKIN TREATMENTS
 5420 ERSI...BUSINESS MANAGEMENT CONSULTANTS
 5420 GREG BERK LAW OFFICES...ATTORNEYS
 5420 IRVINE HEALTH CLINIC...CLINICS
 5420 IRVINE HEALTH CLINIC...FEDERAL GOVERNMENT CONTRACTORS
 5420 IRVINE HEALTH CLINIC...DENTISTS
 5420 IRVINE HEALTH CLINIC...HEALTH SERVICES
 5420 P I PHYSIC INSTRUMENTE LP...REFRIGERATING EQUIP-COMMERCIAL (WHLS)
 5420 P I PHYSIC INSTRUMENTE LP...DENTAL EQUIPMENT & SUPPLIES-WHOLESALE
 5420 P I PHYSIC INSTRUMENTE LP...WHOLESALE
 5420 P I PHYSIC INSTRUMENTE LP...PHYSICIANS & SURGEONS EQUIP & SUPPL-
 5420 WHLS
 5420 TING, JUK L MD...MEDICAL & SURGICAL SVC ORGANIZATIONS
 5420 TING, JUK L MD...PHYSICIANS & SURGEONS
 5430 GOLDEN SUNSHINE CHINESE SCHOOL...SCHOOLS
 5430 PASCOE DIRPES & ASSOC INC...ENGINEERS-CONSULTING
 5430 PASCOE DIRPES & ASSOC INC...ENGINEERS
 5430 ZALDIVAR SATTAR ASSOC LLC...ACCOUNTING & BOOKKEEPING GENERAL SVC
 5440 CONSULTANTS OF WU CORP...CONSULTANTS-BUSINESS NEC
 5450 BARNETT & RUBIN...MUSIC INSTRUCTION-VOCAL
 5450 BARNETT & RUBIN...ATTORNEYS
 5450 SECURE DOCK LLC...BUSINESS SERVICES NEC
 5450 TANNER, GREGORY...ACCOUNTANTS
 5450 TANNER, GREGORY...TAX RETURN PREPARATION & FILING
 5450 TRANK, MICHAEL A CPA...ACCOUNTANTS
 5450 WOLFE JOHN M TRUSTEE...TRUST COMPANIES
 5450 WOLFE JOHN M TRUSTEE...INVESTMENT SECURITIES
 5500 GOLDEN BRIDGE ENTERPRISES...IMPORTERS (WHLS)
 5500 IRVINE HEALTH CTR...CHIROPRACTORS DC
 5500 LOAN SCORE DECISIONING SYSTEMS...FINANCIAL ADVISORY SERVICES
 5500 MOBILOGIX INC...NONCLASSIFIED ESTABLISHMENTS
 5510 KIMBALL TIREY & ST JOHN...MUSIC INSTRUCTION-VOCAL
 5510 KIMBALL TIREY & ST JOHN...ATTORNEYS
 5510 WROTEN ASSOC APC...ATTORNEYS

82 total records. Part 1 of 2

2 KANDIE MCSHANE...RESIDENTIAL
 3 SCOTT SMITH...RESIDENTIAL
 4 FRANCES CAPORASO...RESIDENTIAL
 7 CAROLLE DALLEY...RESIDENTIAL
 11 KIMBERLY HOGAN...RESIDENTIAL
 12 V YAKEL...RESIDENTIAL
 15 FELIPE PEROSSIO...RESIDENTIAL
 16 HAL CHAVOUS...RESIDENTIAL
 18 KENNETH KONDO...RESIDENTIAL
 19 MARY BOGARD...RESIDENTIAL
 21 STEPHANIE MONTGOMERY...RESIDENTIAL
 24 JOHN LOWE JR...RESIDENTIAL
 25 ERICA FORAL...RESIDENTIAL
 27 CAROL PHELPS...RESIDENTIAL
 29 ENRIQUE CARDONA...RESIDENTIAL
 30 KENNETH MACDONALD...RESIDENTIAL
 31 CHRISTOPHER JOHNSTON CONSLTNG...COMPUTER & EQUIPMENT DEALERS
 31 JEREMY COOPER...RESIDENTIAL
 32 KIMBERLY ALEXANDER...RESIDENTIAL
 32 PATIENCE KUPRATIS...RESIDENTIAL
 35 JANICE DOWNING...RESIDENTIAL
 36 SOFIA ZASLAVSKY...RESIDENTIAL
 37 DEAN VOYER...RESIDENTIAL
 39 HU PEN MEDIA...NONCLASSIFIED ESTABLISHMENTS
 40 EDWARD GEORGE...RESIDENTIAL
 40 MARCO CASTANEDA...RESIDENTIAL
 43 DREW CHESEN...RESIDENTIAL
 49 KYUNG YOON...RESIDENTIAL
 50 MELODIE DAVIS...RESIDENTIAL
 53 SALLY KENT...RESIDENTIAL
 54 ESTER AQUINO...RESIDENTIAL
 54 JESSE AQUINO...RESIDENTIAL
 62 TERRY PRELL...RESIDENTIAL
 63 JASON TURNER...RESIDENTIAL
 64 JERRY DEMING...RESIDENTIAL
 66 JAMES BERRIER...RESIDENTIAL
 67 JUDY CHEN...RESIDENTIAL
 68 GARRICK HIGA...RESIDENTIAL
 70 GEORGE LORD...RESIDENTIAL
 72 NAYER KASHANCHI...RESIDENTIAL
 73 ANN NGUYEN...RESIDENTIAL
 73 ELIZABETH IREDALE...RESIDENTIAL
 74 MARY WEBBER...RESIDENTIAL
 76 JULIANA MOKREVA...RESIDENTIAL
 78 PATRICK HAAS...RESIDENTIAL
 79 DENEAN NELSON...RESIDENTIAL
 82 KAREN ALBERT...RESIDENTIAL
 83 HOMAYOUN SOHRAB...RESIDENTIAL
 84 EMILY ESQUEDA...RESIDENTIAL
 84 GIDEON SEGAL...RESIDENTIAL
 86 DIANE SNEED...RESIDENTIAL
 89 MICHELLE SHOBE...RESIDENTIAL
 90 ANH NGUYEN...RESIDENTIAL
 92 YOSHIE OHGI...RESIDENTIAL
 93 DEBRA CHRISTIANSEN...RESIDENTIAL
 95 BECKY KRIEG...RESIDENTIAL
 98 ANTHONY RAPOZA...RESIDENTIAL
 102 KEVIN OH...RESIDENTIAL
 103 RAEANN LEVEY...RESIDENTIAL
 106 ANDREW MARKUSON...RESIDENTIAL
 106 CHRISTINE MARKUSON...RESIDENTIAL
 108 ALEX CALIBASI...RESIDENTIAL
 108 ARA CALIBASI...RESIDENTIAL
 110 PAULA HEGYES...RESIDENTIAL
 112 KA LIO...RESIDENTIAL
 114 EARMA THOMPSON...RESIDENTIAL
 114 KATIE LAHOOD...RESIDENTIAL
 119 JENNIFER MONTGOMERY...RESIDENTIAL

Part 2 of 2

119 RICHARD SUSSMAN...RESIDENTIAL
 125 CHANG CHING CHEN...RESIDENTIAL
 127 GABRIEL TOOLEY...RESIDENTIAL
 127 WILLIAM WRIGHT...RESIDENTIAL
 129 ALGENE JONES...RESIDENTIAL
 129 LINDA JONES...RESIDENTIAL
 137 HI KIM...RESIDENTIAL
 137 JIAJIE LI...RESIDENTIAL
 143 ANN DONAHUE...RESIDENTIAL
 149 SYLVIA VEGA...RESIDENTIAL
 161 KATHERINE THOMPSON...RESIDENTIAL
 163 ALVARO ZINOS-AMARO...RESIDENTIAL
 167 CHRISTOPHER TEDFORD...RESIDENTIAL
 14010 OUR LADY-PEACE KOREAN CTHLC...CHURCHES

108 total records. Part 1 of 2

4200 ANIMAL HOSPITAL OF IRVINE...VETERINARIANS
 4200 ANIMAL HOSPITAL OF IRVINE...ANIMAL HOSPITALS
 4200 BELLINGER, MIKE AGT...INSURANCE
 4200 BRENT M SMITH CHIRO CORP...CHIROPRACTORS DC
 4200 BRENT M SMITH CHIRO CORP...MASSAGE THERAPISTS
 4200 BRIGHT HOUSE CLEANING SVC...CARPET & RUG CLEANERS
 4200 CARMONA, HEATHER LYN DC...CHIROPRACTORS DC
 4200 CHIROPRACTIC SPORTS INJURY...OFFICES OF CHIROPRACTORS
 4200 DIAL RIGHT SOFTWARE INC...RECORDS TAPES & COMPACT DISCS-RETAIL
 4200 DORNER PHYSICAL THERAPY...EXERCISE & PHYSICAL FITNESS PROGRAMS
 4200 DORNER PHYSICAL THERAPY...ECOMMERCE
 4200 DORNER PHYSICAL THERAPY...SPORTS MEDICINE & INJURIES
 4200 DORNER PHYSICAL THERAPY...PHYSICAL THERAPISTS
 4200 FARMERS INSURANCE...INSURANCE
 4200 GREENE, JOHN C DC...CHIROPRACTORS DC
 4200 IRVINE ACADEMY OF MUSIC...MUSIC INSTRUCTION-INSTRUMENTAL
 4200 IRVINE ACUPUNCTURE CTR...ACUPUNCTURE
 4200 IRVINE NAILS SPA...MANICURING
 4200 IRVINE PREMIRE ACADEMY...SCHOOLS
 4200 IRVINE QUALITY DISCOUNT CLNRS...CLEANERS
 4200 JOHNSON, DAVID...INSURANCE
 4200 LAM, ESTHER G DDS...DENTISTS
 4200 MUSIC TOWN...MUSIC INSTRUCTION-INSTRUMENTAL
 4200 OPTIMAL HEALTHCARE SOLUTIONS...ALL OTHER MISC & AMBULATORY
 HEALTH CARE SERVICES
 4200 OPTIMAL WELLNESS PHARMACY...PHARMACIES & DRUG STORES
 4200 ORANGE COUNTY OPTOMETRIC CTR...HEALTH SERVICES
 4200 PERLE USA...HEALTH SERVICES
 4200 REPIT J HAIR SALON...BEAUTY SALONS
 4200 UNITY CHURCH...CHURCHES
 4200 VAPE CO...ELECTRONIC EQUIPMENT & SUPPLIES-RETAIL
 4200 VEGAS VOICE INSTITUTE...MUSIC INSTRUCTION-VOCAL
 4200 VIENNA STRING INSTITUTE...MUSIC INSTRUCTION-INSTRUMENTAL
 4200 WAKABAYASHI, DAVID T OD...OPTOMETRISTS OD
 4200 WORLD AIR TRAVEL TOUR...TRAVEL AGENCIES & BUREAUS
 4200 YANG, REGINA DDS...DENTISTS
 4200 YANG, REGINA M DDS...DENTISTS
 5200 SILVER CREEK INVSTMT MGMT INC...MISCELLANEOUS INTERMEDIATION
 5200 TRUE JESUS CHURCH IN IRVINE...CHURCHES
 5300 ANGIE HUH...RESIDENTIAL
 5300 AWAY GOAL...NONCLASSIFIED ESTABLISHMENTS
 5300 CAROLINA BARRANTES...RESIDENTIAL
 5300 CHUNG LEE...RESIDENTIAL
 5300 DAVAR SOBHANI...RESIDENTIAL
 5300 E T R SVC INC...SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION
 5300 E T R SVC INC...AIR CARGO SERVICE
 5300 FARAHNAZ MEHRSHAH...RESIDENTIAL
 5300 FERNANDO BRAVO...RESIDENTIAL
 5300 IRENE CORONA...RESIDENTIAL
 5300 JULIO MONTERO...RESIDENTIAL
 5300 JUNAID SAMLA...RESIDENTIAL
 5300 MARYAM HOZOURI...RESIDENTIAL
 5300 NADIRA SIDDIQI...RESIDENTIAL
 5300 NICOLE WHITE...RESIDENTIAL
 5300 NILMINI DAHANAYAKE...RESIDENTIAL
 5300 PAUL CHOI GARDENING...LAWN & GROUNDS MAINTENANCE
 5300 RAFAT RASTEGARI...RESIDENTIAL
 5300 SHAHIN BAGHERI...RESIDENTIAL
 5400 CORNERSTONE REAL ESTATE INTL...REAL ESTATE
 5400 CORNERSTONE REAL ESTATE INTL...REAL ESTATE INSPECTION
 5400 GARY FALLIS...NONCLASSIFIED ESTABLISHMENTS
 5400 MZ INVESTMENT...INVESTMENTS
 5410 CHABAD OF NORTH IRVINE...FEDERAL GOVERNMENT CONTRACTORS
 5410 CHABAD OF NORTH IRVINE...ASSOCIATIONS
 5410 CHABAD OF NORTH IRVINE...CHURCHES
 5410 CHABAD OF NORTH IRVINE...RELIGIOUS ORGANIZATIONS
 5410 DADU USA CORP...EXPORTERS (WHLs)
 5410 EDWARD JONES...FINANCIAL ADVISORY SERVICES

Part 2 of 2

5410 I LEARN EDUCATION...EDUCATIONAL SERVICE-BUSINESS
 5410 MSA PARTNERS LLC...NONCLASSIFIED ESTABLISHMENTS
 5410 STATE FARM INSURANCE...INSURANCE
 5410 STATE FARM INSURANCE...INSURANCE-AUTOMOBILE
 5420 C H BEAUTY SKIN CARE...SKIN TREATMENTS
 5420 ERSI...BUSINESS MANAGEMENT CONSULTANTS
 5420 GREG BERK LAW OFFICES...ATTORNEYS
 5420 IRVINE HEALTH CLINIC...DENTISTS
 5420 IRVINE HEALTH CLINIC...HEALTH SERVICES
 5420 IRVINE HEALTH CLINIC...CLINICS
 5420 IRVINE HEALTH CLINIC...FEDERAL GOVERNMENT CONTRACTORS
 5420 P I PHYSIC INSTRUMENTE LP...PHYSICIANS & SURGEONS EQUIP & SUPPL -
 WHLS
 5420 P I PHYSIC INSTRUMENTE LP...DENTAL EQUIPMENT & SUPPLIES-WHOLESALE
 5420 P I PHYSIC INSTRUMENTE LP...REFRIGERATING EQUIP-COMMERCIAL (WHLs)
 5420 P I PHYSIC INSTRUMENTE LP...WHOLESALE
 5420 SEN CHIN YANG CHIRO CORP...SPORTS MEDICINE & INJURIES
 5420 SEN CHIN YANG CHIRO CORP...CHIROPRACTORS DC
 5420 SEN CHIN YANG CHIRO CORP...MASSAGE THERAPISTS
 5420 TING, JUK L MD...PHYSICIANS & SURGEONS
 5420 TING, JUK L MD...MEDICAL & SURGICAL SVC ORGANIZATIONS
 5430 BRAINSTORM STUDIOS...CONTROLS CONTROL SYSTEMS/REGULATORS-NFRS
 5430 BRAINSTORM STUDIOS...OTHER ELECTRONIC PARTS & EQUIPMENT-MERCHANT
 WHLSRS
 5430 PASCOE-DIRPES & ASSOC INC...ENGINEERS-CONSULTING
 5430 PASCOE-DIRPES & ASSOC INC...ENGINEERS
 5430 ZALDIVAR SATTAR ASSOC LLC...ACCOUNTING & BOOKKEEPING GENERAL SVC
 5440 BOSZ ARCH INC...ARCHITECTS
 5450 BARNETT & RUBIN...MUSIC INSTRUCTION-VOCAL
 5450 BARNETT & RUBIN...ATTORNEYS
 5450 SECURE DOCK LLC...BUSINESS SERVICES NEC
 5450 TANNER, GREGORY...ACCOUNTANTS
 5450 TANNER, GREGORY...TAX RETURN PREPARATION & FILING
 5450 TRANK, MICHAEL A CPA...ACCOUNTANTS
 5450 WOLFE JOHN M TRUSTEE...TRUST COMPANIES
 5450 WOLFE JOHN M TRUSTEE...INVESTMENT SECURITIES
 5500 GOLDEN BRIDGE ENTERPRISES...IMPORTERS (WHLs)
 5500 IRVINE HEALTH CTR...CHIROPRACTORS DC
 5500 LOAN-SCORE DECISIONING SYSTEMS...FINANCIAL ADVISORY SERVICES
 5500 MOBILIGIX INC...NONCLASSIFIED ESTABLISHMENTS
 5510 KIMBALL TIREY & ST JOHN...MUSIC INSTRUCTION-VOCAL
 5510 KIMBALL TIREY & ST JOHN...ATTORNEYS
 5510 WROTEN ASSOC APC...ATTORNEYS

91 total records. Part 1 of 2

1 BLANCA BLACK...RESIDENTIAL
 2 KANDIE MCSHANE...RESIDENTIAL
 3 SCOTT SMITH...RESIDENTIAL
 4 FRANCES CAPORASO...RESIDENTIAL
 7 CAROLLE DALLEY...RESIDENTIAL
 8 SHERYL PEREZ...RESIDENTIAL
 9 SAMANTHA COHEN...RESIDENTIAL
 11 KIMBERLY HOGAN...RESIDENTIAL
 12 V YAKEL...RESIDENTIAL
 14 SUSAN LABAR...RESIDENTIAL
 16 HAL CHAVOUS...RESIDENTIAL
 16 RUTHERFORD CHAVOUS...RESIDENTIAL
 18 KENNETH KONDO...RESIDENTIAL
 18 SAM KONDO...RESIDENTIAL
 19 MARY BOGARD...RESIDENTIAL
 21 STEPHANIE MONTGOMERY...RESIDENTIAL
 23 MUHAMMAD FARHEEN...RESIDENTIAL
 24 JOHN LOWE JR...RESIDENTIAL
 25 ERICA FORAL...RESIDENTIAL
 27 CAROL PHELPS...RESIDENTIAL
 29 ENRIQUE CARDONA...RESIDENTIAL
 30 KENNETH MACDONALD...RESIDENTIAL
 31 CHRISTOPHER JOHNSTON CONSLTNG...ELECTRONIC STORES
 31 MIDDLE RIDGE INC...ELECTRONIC STORES
 32 KIMBERLY ALEXANDER...RESIDENTIAL
 32 PATIENCE KUPRATIS...RESIDENTIAL
 32 TYLER ALEXANDER...RESIDENTIAL
 35 JANICE DOWNING...RESIDENTIAL
 37 DEAN VOYER...RESIDENTIAL
 37 LANA VOYER...RESIDENTIAL
 40 EDWARD GEORGE...RESIDENTIAL
 43 DREW CHESEN...RESIDENTIAL
 47 TRAINING CONSULTANTS & SOLUTIO...TRAINING CONSULTANTS
 49 KYUNG YOON...RESIDENTIAL
 53 SALLY KENT...RESIDENTIAL
 54 ESTER AQUINO...RESIDENTIAL
 54 JESSE AQUINO...RESIDENTIAL
 61 MARCELO, ADELINE...OFFICES OF ALL OTHER MISC HEALTH PRACTITIONERS
 62 TERRY PRELL...RESIDENTIAL
 63 JASON TURNER...RESIDENTIAL
 63 WILLIAM SHENG...RESIDENTIAL
 64 JERRY DEMING...RESIDENTIAL
 66 JAMES BERRIER...RESIDENTIAL
 67 JUDY CHEN...RESIDENTIAL
 68 GARRICK HIGA...RESIDENTIAL
 70 GEORGE LORD...RESIDENTIAL
 70 MARIANNE LORD...RESIDENTIAL
 72 NAYER KASHANCHI...RESIDENTIAL
 73 ANN NGUYEN...RESIDENTIAL
 73 ELIZABETH IREDALE...RESIDENTIAL
 74 MARY WEBBER...RESIDENTIAL
 76 JULIANA MOKREVA...RESIDENTIAL
 78 PATRICK HAAS...RESIDENTIAL
 79 DENEAN NELSON...RESIDENTIAL
 82 KAREN ALBERT...RESIDENTIAL
 83 HOMAYOUN SOHRAB...RESIDENTIAL
 84 EMILY ESQUEDA...RESIDENTIAL
 86 DIANE SNEED...RESIDENTIAL
 89 MICHELLE SHOBE...RESIDENTIAL
 90 ANH NGUYEN...RESIDENTIAL
 90 BO NGUYEN...RESIDENTIAL
 92 YOSHIE OHGI...RESIDENTIAL
 93 DEBRA CHRISTIANSEN...RESIDENTIAL
 96 CHAD THOMAS...RESIDENTIAL
 98 ANTHONY RAPOZA...RESIDENTIAL
 102 KEVIN OH...RESIDENTIAL
 102 KYUNG OH...RESIDENTIAL
 102 SUNGNAM OH...RESIDENTIAL

Part 2 of 2

103 RAEANN LEVEY...RESIDENTIAL
 106 ANDREW MARKUSON...RESIDENTIAL
 106 CHRISTINE MARKUSON...RESIDENTIAL
 108 ALEX CALIBASI...RESIDENTIAL
 108 ALIN CALIBASI...RESIDENTIAL
 108 ARA CALIBASI...RESIDENTIAL
 110 PAULA HEGYES...RESIDENTIAL
 113 CLAUDETTE BIANCHI...RESIDENTIAL
 114 KATIE LAHOOD...RESIDENTIAL
 119 RICHARD SUSSMAN...RESIDENTIAL
 119 RONDA SUSSMAN...RESIDENTIAL
 125 CHANG CHING CHEN...RESIDENTIAL
 127 GABRIEL TOOLEY...RESIDENTIAL
 127 WILLIAM WRIGHT...RESIDENTIAL
 129 ALGENE JONES...RESIDENTIAL
 129 LINDA JONES...RESIDENTIAL
 137 HI KIM...RESIDENTIAL
 137 JIAJIE LI...RESIDENTIAL
 143 ANN DONAHUE...RESIDENTIAL
 149 SYLVIA VEGA...RESIDENTIAL
 161 KATHERINE THOMPSON...RESIDENTIAL
 161 SHELLEY THOMPSON...RESIDENTIAL
 14010 OUR LADY-PEACE KOREAN CTHLC...CHURCHES

91 total records. Part 1 of 2

4200 ADRIENNE'S BEAUTY CARE...BEAUTY SALONS
 4200 ANIMAL HOSPITAL OF IRVINE...VETERINARIANS
 4200 ANIMAL HOSPITAL OF IRVINE...ANIMAL HOSPITALS
 4200 BELLINGER, MIKE...INSURANCE
 4200 BRENT M SMITH CHIRO CORP...CHIROPRACTORS DC
 4200 CARMONA, HEATHER LYN DC...CHIROPRACTORS DC
 4200 CHIROPRACTIC SPORTS INJURY...OFFICES OF CHIROPRACTORS
 4200 DIAL RIGHT SOFTWARE INC...RECORDS TAPES & COMPACT DISCS:RETAIL
 4200 DORNER PHYSICAL THERAPY...PHYSICAL THERAPISTS
 4200 DORNER PHYSICAL THERAPY...SPORTS MEDICINE & INJURIES
 4200 FARMERS INSURANCE...INSURANCE
 4200 GREENE, JOHN C DC...CHIROPRACTORS DC
 4200 IRVINE ACUPUNCTURE CTR...ACUPUNCTURE
 4200 IRVINE NAILS SPA...MANICURING
 4200 IRVINE QUALITY DISCOUNT CLNRS...CLEANERS
 4200 JOHN GREENE SPORTS INJURY...OFFICES OF CHIROPRACTORS
 4200 JOHNSON, DAVID...INSURANCE
 4200 LAM, ESTHER G DDS...DENTISTS
 4200 OPTIMAL HEALTHCARE SOLUTIONS...ALL OTHER MISC AMBULATORY
 HEALTH CARE SERVICES
 4200 OPTIMAL WELLNESS PHARMACY...PHARMACIES & DRUG STORES
 4200 S M VERMA...ACCOUNTANTS
 4200 VAPE CO...ELECTRONIC EQUIPMENT & SUPPLIES:RETAIL
 4200 VIENNA STRING INSTITUTE...MUSIC INSTRUCTION-INSTRUMENTAL
 4200 WAKABAYASHI, DAVID T OD...OPTOMETRISTS OD
 4200 WORLD AIR TRAVEL & TOUR...TRAVEL AGENCIES & BUREAUS
 4200 WORLDAIR TRAVEL TOUR...TRAVEL AGENCIES & BUREAUS
 4200 WORLDAIR TRAVEL & TOUR...TRAVEL AGENCIES & BUREAUS
 4200 YANG, REGINA DDS...DENTISTS
 5200 SILVER CREEK INVSTMNT MGMT INC...MISCELLANEOUS INTERMEDIATION
 5200 TRUE JESUS CHURCH IN IRVINE...CHURCHES
 5300 ANGIE HUH...RESIDENTIAL
 5300 AWAY GOAL...NONCLASSIFIED ESTABLISHMENTS
 5300 CAROLINA BARRANTES...RESIDENTIAL
 5300 CHUNG LEE...RESIDENTIAL
 5300 DARLENE POLFER...RESIDENTIAL
 5300 DUNG BUI...RESIDENTIAL
 5300 E T R SVC INC...SUPPORT ACTIVITIES FOR RAIL TRANSPORTATION
 5300 EP SIGNINGS...SERVICES NEC
 5300 FARAHNAZ MEHRSHAH...RESIDENTIAL
 5300 GRAFTEC...NONCLASSIFIED ESTABLISHMENTS
 5300 IRENE CORONA...RESIDENTIAL
 5300 JULIO MONTERO...RESIDENTIAL
 5300 JUNE LEE...RESIDENTIAL
 5300 LUCKY SHUTTLE...TRANSPORTATION
 5300 MARYAM HOZOURI...RESIDENTIAL
 5300 NADIRA SIDDIQI...RESIDENTIAL
 5300 NICOLE WHITE...RESIDENTIAL
 5300 NILMINI DAHANAYAKE...RESIDENTIAL
 5300 PAUL CHOI GARDENING...LAWN & GROUNDS MAINTENANCE
 5300 PENNY WHITE...RESIDENTIAL
 5300 RAFAT RASTEGARI...RESIDENTIAL
 5300 SHAHIN BAGHERI...RESIDENTIAL
 5300 SUN HUH...RESIDENTIAL
 5300 SUNG LIM LEE...RESIDENTIAL
 5400 BERKLEY LEARNING CTR...SCHOOLS
 5400 BERKLEY LEARNING CTR...TUTORING
 5400 CORNERSTONE REAL ESTATE INTL...REAL ESTATE
 5400 GARY FALLIS...NONCLASSIFIED ESTABLISHMENTS
 5400 RE/MAX PREMIER REALTY...REAL ESTATE LOANS
 5400 RE/MAX PREMIER REALTY...REAL ESTATE
 5410 BUDGET AUTO GLASS INC LAKE...AUTOMOTIVE GLASS REPLACEMENT SHOPS
 5410 CANMAY GROUP USA INC...COSMETICS-WHOLESALE
 5410 CHABAD OF NORTH IRVINE...CHURCHES
 5410 DADU USA CORP...EXPORTERS (WHLs)
 5410 HIGGS, REBECCA...INSURANCE
 5410 MOBILE SAFE GLASS...GLASS-AUTO PLATE & WINDOW & ETC
 5410 MSAA PARTNERS LLC...NONCLASSIFIED ESTABLISHMENTS

Part 2 of 2

5410 SAMTEC...ELECTRONIC EQUIPMENT & SUPPLIES-MFRS
 5410 STATE FARM INSURANCE...INSURANCE
 5410 STATE FARM INSURANCE...INSURANCE-AUTOMOBILE
 5420 GREG BERK LAW OFFICES...ATTORNEYS
 5420 IRVINE HEALTH CLINIC...CLINICS
 5420 LEE SEOK...NONCLASSIFIED ESTABLISHMENTS
 5420 LEUNG, PATRICIA...BUSINESS SERVICES NEC
 5420 P I PHYSIC INSTRUMENTE LP...PHYSICIANS & SURGEONS EQUIP & SUPPL-
 WHLS
 5420 P I PHYSIC INSTRUMENTE LP...WHOLESALE
 5420 SEN CHIN YANG CHIRO CORP...CHIROPRACTORS DC
 5420 TING, JUK L MD...PHYSICIANS & SURGEONS
 5420 YANG, SEN C MD...PHYSICIANS & SURGEONS
 5430 BRAINSTORM STUDIOS...OTHER ELECTRONIC PARTS & EQUIPMENT MERCHANT
 WHLS
 5430 PASCOE-DIRPES & ASSOC INC...ENGINEERS-CONSULTING
 5430 PASCOE-DIRPES & ASSOC INC...ENGINEERS
 5440 LOAN PROCESSING CTR...REAL ESTATE LOANS
 5450 BARNETT & RUBIN...ATTORNEYS
 5450 SECURE DOCK LLC...BUSINESS SERVICES NEC
 5450 TANNER, GREGORY...ACCOUNTANTS
 5450 TRANK, MICHAEL A CPA...ACCOUNTANTS
 5450 WOLFE JOHN M TRUSTEE...TRUST COMPANIES
 5500 GOLDEN BRIDGE ENTERPRISES...IMPORTERS (WHLs)
 5500 IRVINE HEALTH CTR...CHIROPRACTORS DC
 5510 KIMBALL TIREY & ST JOHN...ATTORNEYS

85 total records. Part 1 of 2

4 FRANCES CAPORASO...RESIDENTIAL
 11 BRYAN FREDERICKSON...RESIDENTIAL
 12 ELAINE YAKEL...RESIDENTIAL
 12 V ELAINE YAKEL...RESIDENTIAL
 14 SUSAN LABAR...RESIDENTIAL
 16 HAROLD CHAVOUS...RESIDENTIAL
 16 R HAROLD CHAVOUS...RESIDENTIAL
 19 MARY BOGARD...RESIDENTIAL
 29 ANNE CARDONA...RESIDENTIAL
 31 CHRISTOPHER JOHNSTON...RESIDENTIAL
 31 MIDDLE RIDGE INC...COMPUTER & EQUIPMENT DEALERS
 32 PATIEN KUPRATIS...RESIDENTIAL
 33 TAMMY RAMSAY...RESIDENTIAL
 34 DONNA MEAD...RESIDENTIAL
 37 LANA VOYER...RESIDENTIAL
 47 TRAINING CONSULTANTS & SOLUTIO...TRAINING CONSULTANTS
 48 SHIRI PALERMO...RESIDENTIAL
 50 TAYLOR DAVIS...RESIDENTIAL
 56 BILLIE BRUNK...RESIDENTIAL
 56 MICHAEL BRUNK...RESIDENTIAL
 57 CHARLOTTE LOONTIENS...RESIDENTIAL
 59 ALLAN PLENCE...RESIDENTIAL
 59 MARITZA PLENCE...RESIDENTIAL
 68 GARRICK HIGA...RESIDENTIAL
 68 ROY HIGA...RESIDENTIAL
 70 GEORGE LORD...RESIDENTIAL
 70 MARIANNE LORD...RESIDENTIAL
 70 MARK LORD...RESIDENTIAL
 72 NAYER KASHANCHI...RESIDENTIAL
 74 MARY WEBBER...RESIDENTIAL
 74 WEBBER MARY...RESIDENTIAL
 75 DAVID NICKOLS...RESIDENTIAL
 75 JANICE NICKOLS...RESIDENTIAL
 76 JULIANA MOKREVA...RESIDENTIAL
 76 MOKREVA JULIANA...RESIDENTIAL
 78 JOSEPH JOHNSON...RESIDENTIAL
 78 JUDY JOHNSON...RESIDENTIAL
 83 VIDA SOHRAB...RESIDENTIAL
 84 DONNA SEGAL...RESIDENTIAL
 84 NADINE SEGAL...RESIDENTIAL
 84 SEGAL NADINE...RESIDENTIAL
 86 DIANE SNEED...RESIDENTIAL
 86 DIANNE SNEED...RESIDENTIAL
 86 THOMAS SNEED...RESIDENTIAL
 87 GEORGE BARROWCLIFF...RESIDENTIAL
 91 JANICE BREEN...RESIDENTIAL
 92 AIZUMI OHGI...RESIDENTIAL
 92 AKIZUMI OHGI...RESIDENTIAL
 92 YOSHIE OHGI...RESIDENTIAL
 93 DEBRA CHRISTIANSEN...RESIDENTIAL
 93 GARY CHRISTIANSEN...RESIDENTIAL
 100 JANET JOHNSON...RESIDENTIAL
 100 ROLAND JOHNSON...RESIDENTIAL
 100 RONALD JOHNSON...RESIDENTIAL
 103 RAEANN LEVEY...RESIDENTIAL
 106 MARKUSON CHRISTINE...RESIDENTIAL
 106 TIM RUIZ...RESIDENTIAL
 108 A CALIBASI...RESIDENTIAL
 108 ALIN CALIBASI...RESIDENTIAL
 108 ARA CALIBASI...RESIDENTIAL
 108 LARA CALIBASI...RESIDENTIAL
 115 JEAN LORUSSO...RESIDENTIAL
 116 JOEL DEJESUS...RESIDENTIAL
 116 ROWENA DEJESUS...RESIDENTIAL
 117 CHE TEOH...RESIDENTIAL
 119 DAVID SUSSMAN...RESIDENTIAL
 119 JACK MONTGOMERY...RESIDENTIAL
 119 RICHARD SUSSMAN...RESIDENTIAL
 119 RONDA SSUSSNAN...RESIDENTIAL

Part 2 of 2

119 RONDA SUSSMAN...RESIDENTIAL
 125 CHANG CHEN...RESIDENTIAL
 125 WENDY CHEN...RESIDENTIAL
 127 GABRIEL TOOLEY...RESIDENTIAL
 137 JULIE WALKER...RESIDENTIAL
 137 MICHAEL WALKER...RESIDENTIAL
 143 ANN DONAHUE...RESIDENTIAL
 147 DEAN MANRIQUEZ...RESIDENTIAL
 151 ANDREA HOWLETT...RESIDENTIAL
 151 DEAN HOWLETT...RESIDENTIAL
 153 M CHO...RESIDENTIAL
 153 RYAN GREEN...RESIDENTIAL
 161 SHELLEY THOMPSON...RESIDENTIAL
 161 WENDELL THOMPSON...RESIDENTIAL
 163 VALERIE VAUGHN...RESIDENTIAL
 14010 OUR LADY-PEACE KOREAN CTHLC...CHURCHES

4200 A CHIROPRACTIC CORP...CHIROPRACTORS DC
 4200 ANIMAL HOSPITAL OF IRVINE...ANIMAL HOSPITALS
 4200 BAUMANN, STACY DVM...VETERINARIANS
 4200 CHOW, CREIGHTON S DDS...DENTISTS
 4200 DIAL RIGHT SOFTWARE INC...COMPUTER SOFTWARE
 4200 DORNER PHYSICAL THERAPY...PHYSICAL THERAPISTS
 4200 FARMERS INSURANCE...INSURANCE
 4200 GREENE, JOHN C DC...CHIROPRACTORS DC
 4200 IRVINE ACUPUNCTURE CTR...ACUPUNCTURE
 4200 IRVINE QUALITY DISCOUNT CLNRS...CLEANERS
 4200 JALATY, CHUCK...INSURANCE
 4200 JEAN, CHARNG-SHIN DDS...DENTISTS
 4200 JOHN GREENE...RESIDENTIAL
 4200 JOHNSON, DAVID...INSURANCE
 4200 KING LEARNING CTR...TUTORING
 4200 L KING...RESIDENTIAL
 4200 LAM, ESTHER G DDS...DENTISTS
 4200 LEE, HANK C DDS...DENTISTS
 4200 SHAW, MICHAEL S DDS...DENTISTS
 4200 SMITH, LISA P DC...CHIROPRACTORS DC
 4200 UNITED SECURITY SVC...SECURITY GUARD & PATROL SERVICE
 4200 VIENNA STRING INSTITUTE...MUSIC INSTRUCTION-INSTRUMENTAL
 4200 WAKABAYASHI, DAVID T OD...OPTOMETRISTS OD
 4200 WANG & JEAN INC...DENTISTS
 4200 WANG, CHONG-SHU DDS...DENTISTS
 4200 WORLD AIR TRAVEL & TOUR...TRAVEL AGENCIES & BUREAUS
 4200 WORLDWIDE TRAVEL & TOUR...TRAVEL AGENCIES & BUREAUS
 4200 YANG, REGINA DDS...DENTISTS
 5200 TRUE JESUS CHURCH IN IRVINE...CHURCHES
 5300 F RAZANI...RESIDENTIAL
 5300 FARAHNAZ MEHRSHAI...RESIDENTIAL
 5300 HAYDEE CORONA...RESIDENTIAL
 5300 JOSEPHINE MUCHIRU...RESIDENTIAL
 5300 JONES JACKSON...RESIDENTIAL
 5300 LUCKY SHUTTLE...TRANSPORTATION
 5300 MARYAM HOZOURI...RESIDENTIAL
 5300 MORVARID KHORAMI...RESIDENTIAL
 5300 NEDA AGAHI...RESIDENTIAL
 5300 NILMINI DAHANAYAKE...RESIDENTIAL
 5300 SHAHIN BAGHERI...RESIDENTIAL
 5300 SONYONG LEE...RESIDENTIAL
 5300 SUNG LEE...RESIDENTIAL
 5300 ZHENG DAHANAYAKE...RESIDENTIAL
 5300 ZHENG DONG...RESIDENTIAL
 5400 CORNERSTONE REAL ESTATE INTL...REAL ESTATE
 5400 HILLCREST PARTNERS INC...PROPERTY MAINTENANCE
 5400 JEI LEARNING CTR...TUTORING
 5410 STATE FARM INSURANCE...INSURANCE
 5418 HIGGS, REBECCA...INSURANCE
 5420 BEST USA TUTOR...TUTORING
 5420 LEE & SEOK...NONCLASSIFIED ESTABLISHMENTS
 5420 MATH ZOOM ACADEMY...EDUCATIONAL SERVICE-BUSINESS
 5420 P I PHYSIC INSTRUMENTE LP...WHOLESALE
 5440 LOAN PROCESSING CTR...REAL ESTATE LOANS
 5450 BARNETT & RUBIN...ATTORNEYS
 5450 SECURE DOCK LLC...BUSINESS SERVICES NEC
 5450 TANNER, GREGORY...ACCOUNTANTS
 5450 WERTZ & CO LLP...ACCOUNTANTS
 5500 IRVINE HEALTH CTR...CHIROPRACTIC DOCTOR INFO BUREAUS
 5500 LOAN-SCORE DECISIONING SYSTEMS...COMPUTER SOFTWARE
 5500 MENDOZA BERGER CO LLC...FINANCIAL ADVISORY SERVICES
 5510 KIMBALL TIREY & ST JOHN...ATTORNEYS

1 BLANCA BLACK...RESIDENTIAL
 2 KANDIE MCSHANE...RESIDENTIAL
 5 SHIGES PIANO SVC...PIANO/ORG TUNING SER
 15 S CONNOLLY...RESIDENTIAL
 16 HAL CHAVOUS...RESIDENTIAL
 18 FRANK QUATTROCCHI...RESIDENTIAL
 24 J SAUBER...RESIDENTIAL
 26 ROBERT EGAN...RESIDENTIAL
 31 CHRISTOPHER D JOHNSTON...RESIDENTIAL
 31 M JOHNSTON...RESIDENTIAL
 32 PATIENCE I KUPRATIS...RESIDENTIAL
 34 YU S KUO...RESIDENTIAL
 35 GENE THOMPSON...RESIDENTIAL
 37 DEAN & LANA VOYER...RESIDENTIAL
 41 WENDY RICAPITO...RESIDENTIAL
 43 DRAGON WHEELS...UNCLASSIFIED
 43 ISAAC YI...RESIDENTIAL
 47 SUSAN S KNOX...RESIDENTIAL
 47 TRAINING CONSULTANTS & SOLUTIO...HUM RES CONSULT SVCS
 52 ANGELA QUIJANO...RESIDENTIAL
 57 C A LOONTIENS...RESIDENTIAL
 58 BILL T MALOHN...RESIDENTIAL
 59 RICHARD PLENCE...RESIDENTIAL
 69 JASON & ADAM DELUCCA...RESIDENTIAL
 73 ELIZABETH IREDALE...RESIDENTIAL
 80 BHAVANA BHATT...RESIDENTIAL
 87 GEORGE W BARROWCLIFF...RESIDENTIAL
 88 DENISE ELY...RESIDENTIAL
 93 DEBRA CHRISTIANSEN...RESIDENTIAL
 97 MARJANEH MINAEL...RESIDENTIAL
 98 M WIELAND...RESIDENTIAL
 101 M HEWELL...RESIDENTIAL
 101 MICHAEL L HEWELL...RET MAIL-ORDER HOUSE
 106 CHRISTINE A MARKUSON...RESIDENTIAL
 107 BEITOLLAHI NAZI...RESIDENTIAL CARE SERVICES
 111 RICHARD & JOANNE ORTNER...RESIDENTIAL
 115 J LORUSSO...RESIDENTIAL
 118 STEVE JOSTROM...RESIDENTIAL
 119 RICHARD & RONDA SUSSMAN...RESIDENTIAL
 127 GABRIEL TOOLEY...RESIDENTIAL
 137 SHUMEI M SHEPHERD...RESIDENTIAL
 153 CHRISTINE LANG...RESIDENTIAL
 161 SHELLEY A THOMPSON...RESIDENTIAL
 14010 ST THOMAS MORE CATHOLIC CHURCH...CATHOLIC CHURCH

4200 A CHIROPRACTIC CORP...CHIROPRACTORS DC
 4200 ADRIENNES BEAUTY CARE...BEAUTY SALONS
 4200 ANIMAL HOSPITAL OF IRVINE...VETERINARIANS
 4200 ANIMAL HOSPITAL OF IRVINE...VETERINARY SPC SVS
 4200 BRIGHT HOUSE CLEANING SVC...MAID & BUTLER SERV
 4200 CREIGHTON S CHOW DDS...DENTISTS OFF,CLINIC
 4200 DAVE JOHNSON INSURANCE...INSURANCE AGENTS,BRKR
 4200 DAVE JOHNSON INSURANCE AGENCY...INSURANCE AGENT/BROKER
 4200 DAVID T WAKABAYASHI OD...OPTOMETRISTS OFFICE
 4200 DIAL RIGHT SOFTWARE INC...COMP.SFTWRE & ACC
 4200 DORNER PHYSICAL THERAPY...PHYSICAL THERAPISTS
 4200 DORNER PHYSICAL THERAPY...MEDICAL GRPS & CLNCS
 4200 ETUM ACADEMY...SCH,EDUCTL SV NEC
 4200 FAMILY & SPORTS CHIROPRACTIC...PODIATRISTS OFFICE
 4200 FARMERS INSURANCE...INSURANCE AGENT/BROKER
 4200 FARMERS INSURANCE GROUP...INSURANCE AGENTS,BRKR
 4200 FARMERS INSURANCE GROUP...INSURANCE
 4200 IRVINE ACUPUNCTURE CTR...MEDICAL DOCTORS OFF
 4200 IRVINE QUALITY DISCOUNT CLNRS...GMT PRESSG,CLNRS AGT
 4200 JOHN C GREENE DC...CHIROPRACTORS OFF
 4200 JOHN C GREENE DC...CHIROPRACTORS DC
 4200 MATHNASIUN IRVINE...SCH,EDUCTL SV NEC
 4200 MEDIX AMBULANCE SERVICE INC...LOCAL PASSENGER TRANSPORTATION
 4200 MIKE BELLINGER...INSURANCE AGENT/BROKER
 4200 MIKE BELLINGER INSURANCE...INSUR AGTS, BRKS, SVS
 4200 S M VERMA CPA...ACCTG,AUDIT,BKKEEP
 4200 SUNG YOUNG LEE...MEDICAL GRPS & CLNCS
 4200 TECH COAST REHAB...JOB TRAINING,REL SV
 4200 UNITED SECURITY SVC...GUARD & PATROL SERV
 4200 VIENNA STRING INSTITUTE...MUSIC, DRAMA SCHOOLS
 4200 WANG & JEAN...SPECIALTY UNKNOWN
 4200 WORLD AIR TRAVEL...TRAVEL AGENCY
 4200 WORLD AIR TRAVEL & TOUR...TRAVEL AGENCIES
 4200 WORLD AIR TRAVEL & TOUR...TRAVEL AGENCIES
 5200 TRUE JESUS CHURCH IN IRVINE...RELIGIOUS ORGANIZ
 5300 NORTHWOOD HOUSING ASSOC...REAL ESTATE AGT,MGR
 5400 BRICKSTONE ESCROW INC...ESCROW SERVICE
 5400 JUNGKEIT JOHN G-SENR LN CNSLT...FEDERAL SAVINGS INSTITUTION
 5400 MONICA SONG REALTY...REAL ESTATE AGT,MGR
 5400 PREMIER REALTY...REAL ESTATE AGT,MGR
 5400 RE/MAX PREMIER REALTY...REAL ESTATE AGT,MGR
 5400 REMAX...REAL ESTATE AGT,MGR
 5410 CASSANDRA BEAUVOIR...PSYCHIATRIC HOSP
 5410 ISRA MIRAJ INC...UNCLASSIFIABLE ESTAB
 5410 MSAA PARTNERS LLC...UNCLASSIFIABLE ESTAB
 5410 STATE FARM INSURANCE...INSURANCE AGENTS,BRKR
 5420 AMERICAN MORTGAGE EXPRESS...REAL ESTATE LOANS
 5420 ERSI...MGMT CONSULTING
 5420 GREG BERK LAW OFFICES...LEGAL SERVICES
 5420 MILLENNIUM CAPITAL FUNDING...MORTGAGE BANKERS
 5420 P I PHYSIC INSTRUMENTE LP...DURABLE GOODS NEC
 5430 IFG MORTGAGE SVC...MORTGAGE BANKERS
 5430 PASCOE-DIRPES & ASSOC INC...CONSULTING ENGINEER
 5440 RESIDENTIAL MORTGAGE FUND...MORTGAGE BANKERS
 5450 BARNETT & RUBIN...ATTORNEYS
 5450 BARNETT & RUBIN...LEGAL SERVICES
 5450 SECURE DOCK LLC...BUSINESS SVS NEC
 5450 WERTZ & CO LLP...ACCTG,AUDIT,BKKEEP
 5500 BOURESTON DEVELOPMENT...REAL ESTATE
 5500 BOURESTON DEVELOPMENT...REAL ESTATE AGT,MGR
 5500 LOAN-SCORE DECISIONING SYSTEMS...COMPUTER SVS DESIGN
 5500 O C EXIT REALTY...REAL ESTATE AGT,MGR
 5500 O C REAL ESTATE SVC INC...REAL ESTATE AGT,MGR
 5500 TODD BOURESTON DEVELOPMENT INC...SUBDIVIDERS & DEVEL
 5510 KIMBALL TIREY & ST JOHN...LEGAL SERVICES

1 RON BLACK...RESIDENTIAL
 14 BAR S B LA...RESIDENTIAL
 14 S B LABAR...RESIDENTIAL
 16 HAL CHAVOUS...RESIDENTIAL
 17 MARK SIEGERT...RESIDENTIAL
 17 PETER SENKBEIL...RESIDENTIAL
 20 ROLAND WANNENMACHER...RESIDENTIAL
 24 GERALD & GEANINE CANNON...RESIDENTIAL
 26 JAMES & JENNIFER MEYER...RESIDENTIAL
 32 PATIENCE I KUPRATIS...RESIDENTIAL
 32 PATIENCE KUPRATIS...RESIDENTIAL
 37 DEAN & LANA VOYER...RESIDENTIAL
 40 STEPHANIE GIDLUND...RESIDENTIAL
 41 FRANK & WENDY RICAPITO...RESIDENTIAL
 43 DAVID & LORI CANTRELL...RESIDENTIAL
 44 SUSAN E CEREGHINO...RESIDENTIAL
 47 GIFTED POOCH
 47 TRAINING CONSULTANTS & SOLUTIO...URBAN PLANNING AND CONSULTING
 SERVICES
 63 EDDIE NAKASONE...RESIDENTIAL
 69 NEIL & MICHAEL RIORDAN...RESIDENTIAL
 72 KATSUSUKE TAKAHASHI...RESIDENTIAL
 78 JENNIFER MARKS...RESIDENTIAL
 80 S & J STEWART...RESIDENTIAL
 81 R D PACE...RESIDENTIAL
 96 JEANNE & JULIE MCWAIN...RESIDENTIAL
 98 DONDON MUSIC CO
 99 MARC CORRADINI...RESIDENTIAL
 101 M HEWELL...RESIDENTIAL
 110 DAVID MORI...RESIDENTIAL
 111 RICHARD & JOANNE ORTNER...RESIDENTIAL
 113 J MOO...RESIDENTIAL
 114 MIKE & MARGIE MCCUNE...RESIDENTIAL
 118 ELEANOR REYNOLDS...RESIDENTIAL
 127 GABRIEL TOOLEY...RESIDENTIAL
 129 MIKE & CAROL SEATON...RESIDENTIAL
 131 SCOTT R WHISLER...RESIDENTIAL
 165 SYED A MEHDI...RESIDENTIAL
 14010 ST THOMAS MORE CATHOLIC CHURCH

4200 A ADVANCED FOOT & ANKLE CTR...PSYCHIATRISTS AND PSYCHOANALYSTS
 4200 A CHIROPRACTIC CORP
 4200 ADRIENNE'S BEAUTY CARE
 4200 BOB'S TV SHOP
 4200 CHOW CREIGHTON S DDS...SPECIALIZED DENTAL PRACTITIONERS
 4200 COLANDO PAT MS & CCC JACKSON...RESIDENTIAL
 4200 COLANDO PAT MS JACKSON...RESIDENTIAL
 4200 CREIGHTON S CHOW...RESIDENTIAL
 4200 CREIGHTON S DDS CHOW...RESIDENTIAL
 4200 DAVE JOHNSON INSURANCE
 4200 DOCTOR JAY KIM IRVINE ACADEMY
 4200 DORNER PHYSICAL THERAPY
 4200 FARMERS INSURANCE GROUP
 4200 GREENE JOHN C DC
 4200 HUNTINGTON LEARNING CTR
 4200 IRVINE ACUPUNCTURE CTR
 4200 IRVINE THERAPY SVC
 4200 JALATY CHUCK
 4200 LINDA DC SAMUELS...RESIDENTIAL
 4200 LISA DC PERLE...RESIDENTIAL
 4200 LISA'S SKIN CARE CLINIC
 4200 MIKE BELLINGER...RESIDENTIAL
 4200 MIKE BELLINGER INSURANCE
 4200 PARKSON DPM LIN...RESIDENTIAL
 4200 PERLE LISA DC
 4200 S M CPA VERMA...RESIDENTIAL
 4200 S M VERMA...RESIDENTIAL
 4200 TECH COAST REHAB
 4200 UNITED SECURITY SVC...DETECTIVE SERVICES
 4200 VERMA S M CPA...AUDITING SERVICES
 4200 WAKABAYASHI DAVID T OD...SPECIALIZED OPTOMETRISTS
 4200 WANG & JEAN...SPECIALIZED DENTAL PRACTITIONERS
 4200 WANG CHONG-SHU DDS...SPECIALIZED DENTAL PRACTITIONERS
 4200 WORLD AIR TRAVEL & TOUR INC
 5200 TRUE JESUS CHURCH IN IRVINE
 5400 RE/MAX PREMIER REALTY
 5400 REMAX PREMIERE REALTY
 5400 SAKAI KEIKO
 5410 BRICKSTONE ESCROW INC
 5410 STATE FARM INSURANCE
 5420 AMERICAN MORTGAGE EXPRESS
 5420 HOUSER & ALLISON
 5430 PASCOE DIRPES & ASSOC
 5600 BOURESTON DEVELOPMENT
 5600 HAL WOLOWSKI LAW OFFICES
 5600 TODD BOURESTON DEVELOPMENT INC
 5610 ANDRADE & ASSOC
 5610 ANDRADE & MUZI
 5610 SATALINO FRANK A ATTY
 5610 TAVARES JR ABILIO ATTY

REMBRANDT DR 92651 LAGUNA BEACH

WEALTH CODE 9-0

X VANDYKE DR

729 *HARRIS John 00
 736 *HARRIS John 00
 751 *JOYCE Deborah 00
 757 *KUTCHER David 00
 760 *LOOKIS Steve 949-487-2282
 *LOOKIS Steve 949-487-2282
 *RADMACHER John 949-487-1321
 776 *WEISS 949-487-4255

*GEFFREY BASC
 *HARRIS John 00
 788 *SADLER Richard 00
 802 *BOYER Alice 00
 800 *LAMBERTS Frances 00
 808 *CHARE John S 949-484-5125
 800 *VETH John 949-487-3043
 808 *Muller David 949-484-2108
 814 *DINGO Joseph 00
 826 *GORDON Harvey 949-484-0274
 832 *ANDERSON Dick 949-484-0271
 *PUGL John 949-487-7087
 *WENTZEL Alexander J 949-484-0271
 945 *WENDALL Sam 949-484-2103
 980 *XIXA 00
 980 *LEWIS Steve 949-484-2713
 1000 *WATKINS Charles 949-487-5786

* 1 BUS 24 RES 3 NEW

REMESA DR 92691 MISSION VIEJO

WEALTH CODE 9-0

25241 *PEREZ O J 949-487-2999
 *PEREZ G A 949-487-2999
 25242 *CHAPMAN Richard 00
 25250 *DARCA David 949-484-7020
 25261 *FAULS Mary Ann 949-484-7020
 25262 *PEREZ Robert L Col 949-481-8887
 25271 *SCHAUER John 949-484-7020
 25281 *COLE Gregory G 949-481-1252
 25282 *JOHNSON John 00
 25291 *Rushton Conrad E 949-484-2194

X POSADA LN

25302 *Rushton Conrad E 00
 25311 *Rushton Conrad E 00
 25321 *ZYLBA Edward 00
 25332 *Rushton Conrad E 949-484-1942
 25331 *Rushton Conrad E 00
 25343 *CAGGAS Juan 00
 25361 *FARMER Bryan D 949-484-8882
 25362 *Rushton Conrad E 949-484-8111
 25371 *Rushton Conrad E 949-484-8111
 25381 *Rushton Conrad E 949-484-8111
 25391 *Rushton Conrad E 949-484-8111
 25401 *Rushton Conrad E 949-484-8111

X PEPITA DR

25401 *Rushton Conrad E 00
 25411 *Rushton Conrad E 00
 25421 *Rushton Conrad E 00
 25431 *Rushton Conrad E 00
 25441 *Rushton Conrad E 00
 25451 *Rushton Conrad E 00
 25461 *Rushton Conrad E 00
 25471 *Rushton Conrad E 00
 25481 *Rushton Conrad E 00
 25491 *Rushton Conrad E 00
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 25951 *Rushton Conrad E 00
 25961 *Rushton Conrad E 00
 25971 *Rushton Conrad E 00
 25981 *Rushton Conrad E 00
 25991 *Rushton Conrad E 00
 26001 *Rushton Conrad E 00

X TERRENO DR

* 5 BUS 43 RES 5 NEW

REMINGTON 92620 IRVINE

WEALTH CODE 9-5

X TRABUCO RD

1 *BLACK Sandra 949-481-1182
 2 *MCNANE Karla 949-481-1182
 3 *MCNANE Karla 949-481-1182
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REMINGTON 92620 CONT

43 *MCNANE Karla 949-481-1182
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**+REMINGTON LN (01)
92656 ALISO VIEJO**

1 *MCNANE Karla 949-481-1182
 2 *MCNANE Karla 949-481-1182
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TRABUCO RD 92620 IRVINE

WEALTH CODE 8.0

4182	• IRVINE SHELL SERV	949-559-8780	8
	• PENNER Walter	OO	0
	• SHELL SERVICE STN DLRS	949-559-8780	8
4200	 BUILDING		
	• A ADVANCED FOOT&ANKLE CENTERS	949-552-1172	7
	• BELLINGER MIKE	949-857-0566	
	• CHOW CREIGHTON S DOS	949-559-1178	
	• DORNER PHYSCL THRPY	949-651-9199	
	• FARMERS INS AGENT	949-857-0566	
	• FARMERS INS AGENT	949-857-0148	
	• GREENE JOHN C DC	949-857-6631	9
	• HEAVEN&EARTH NAIL SPA	949-651-6468	+1
	• HUNTINGTON LEARNING CENTER THE	949-733-2101	9
	• IRVINE HEALTH CENTER	949-551-0194	0
	• IRVINE THERAPY SRV	949-857-0325	
	• JALATY CHUCK	949-857-0139	
	• JALATY CHUCK	949-857-0148	
	• JOHNSON DAVE INS AG	949-651-1026	2
	• LISAS SKIN CARE CLINIC	949-857-6957	0
	• OMEGA CLEANERS	949-559-1216	2
	• PERLE LISA DC	949-552-1172	
	• RAWLINGS ANDREW W DC	949-551-0194	0
	• SHUVAH YISRAEL	949-551-5797	9
	• SMITH BRENT M DC	949-552-1172	
	• TECH COAST REHAB	949-654-1369	0
	• VERMA S M CPA	949-551-1070	
	• WAKABAYASHI DAVID T	949-552-2020	4
	• WANG AND JEAN DMD INC	949-551-4737	7
	• WORLD AIR TRAVEL	949-451-1689	0

ZIP CODE 92618 IRVINE

WEALTH CODE 2.0

6952	• IRVINE GARAGE	949-551-2030	
	• RYDER TRUCK RENTAL	949-551-6394	7
	• RYDER TRUCK RENTAL	949-222-1216	7
	ONE WAY INC		
6968	• A D WELDING	949-786-9665	6
	• GEM DEGAISING	949-551-8114	6
	• IRVINE WELDING	949-551-0902	8
	• JEM CRANE SERVICE	949-551-8114	6
	• JEM DEGAISING	949-551-8114	7
	• JEM INDUSTRIAL SERVICE CO INC	949-551-8114	+1

REMBRANDT DR 92651 LAGUNA BEACH

WEALTH CODE 8.8

728	• FALCONE Mark A	494-2371	
	• FALCONE Teresa	494-8271	
751	XXXX	OO	
757	• MICHAELWICZ Paul	494-8278	+6
780	• LONGBUS CONSTRUCTION	497-3282	
	• LONGBUS RICHARD A	497-3282	
779	• RADERMACHER Johnnie	497-1281	
786	• WESSER GEOFFREY&S	497-6858	8
800	XXXX	OO	
802	XXXX	OO	
880	• CHAURET Sam S	494-5125	5
900	• VETH Carolyn	494-4880	
	• VETH John	494-4880	
908	• HANNA David	497-8548	1
	• MILLER Virginia	494-2428	+6
914	XXXX	OO	
921	• CRINGRICH Harvey	494-8274	
932	• ANDERSON Dick	494-8271	
	• PUCK Allen	497-7087	4
	• WENTZEL Alexander J	494-8271	
940	XXXX	OO	
945	• KRENGALL Ken	494-2100	
954	XXXX	OO	
960	XXXX	OO	
960	• LEWIS Steve	494-2713	3
1000	• HATHAWAY Clifford	497-5780	7
	• 3 BUS	23 RES	2 NEW

REMESA DR 92691 MISSION VIEJO

WEALTH CODE 8.0

25241	• PEREZ D J	857-2058	+6
	• PEREZ G A	857-2058	
25242	XXXX	OO	
25251	XXXX	OO	
25281	• FRANK David	498-7020	
	• FRANK Mary Ann	498-7020	
25282	• PERRY Robert L Col	351-4807	
25271	• SCHNEIDER Jeff	380-7086	+6
25282	XXXX	OO	
25281	• MATSON Corral E	850-2194	
25302	XXXX	OO	
25311	XXXX	OO	
25321	XXXX	OO	
25322	• MONTEER Harold	850-1842	
25331	XXXX	OO	
25332	• BERTILL Richard G	857-4408	
25345	XXXX	OO	
25346	XXXX	OO	
25351	XXXX	OO	
25362	• SHANNON Terry	850-9111	8
25371	XXXX	OO	
25372	• THORNE Edw	857-3475	
25381	• A Y & D	858-1788	+6
	• HICKS David L	598-3107	
25382	XXXX	OO	
25411	XXXX	OO	
25412	• PEARCE Arthur W	850-2450	
25413	XXXX	OO	
25421	XXXX	OO	
25422	XXXX	OO	
25431	• Gomez Peter	850-4488	
25432	XXXX	OO	
25441	• GALLEGO Dennis	779-7958	
25452	• WELLS Gerald L	951-2778	2
25471	• WICKMAN Dale	855-3848	
	• WICKMAN Kelly	855-3848	
25472	XXXX	OO	
25481	XXXX	OO	
25482	XXXX	OO	
25481	XXXX	OO	
25501	• BOND Michael T	380-7887	8
	• 1 BUS	40 RES	4 NEW

REMINGTON (88) 92620 IRVINE

WEALTH CODE 8.8

1	BLACK Run	855-1180	1
2	XXXX	OO	
3	XXXX	OO	
4	XXXX	OO	
5	XXXX	OO	
14	• LADAR S B	551-4428	9
15	XXXX	OO	
16	• CHAVOUT Hal	852-8834	3
17	• SENNEL Peter	730-9411	5
	• SEGERT Mark	730-9411	5
20	XXXX	OO	
23	XXXX	OO	
24	• CANNON George	551-5375	5
	• CANNON Gerald	551-5375	5
25	XXXX	OO	
26	XXXX	OO	
28	XXXX	OO	
31	XXXX	OO	
32	• RUPPATE Patricia L	551-8418	8
35	XXXX	OO	
36	XXXX	OO	
40	XXXX	OO	
41	• MUTO Takuya	786-7388	+6
42	• EVANS W L	552-5882	
45	• SODOM Brad	851-1885	2
47	XXXX	OO	
48	XXXX	OO	
51	XXXX	OO	
52	XXXX	OO	
59	• RICHMAN Michael	851-0154	
	• RICHMAN Paul	851-0154	
70	• MELNICK Mark	559-8184	+6
72	• TANAKASHI Katsuhiko	851-6480	5
73	XXXX	OO	
74	XXXX	OO	
75	• MARIN Jennifer	786-3022	+6
76	• MILLHOUSE Michelle	553-3307	
	• MILLHOUSE Richard	553-3307	
80	• STEWART Janet	552-8129	
	• STEWART Scott	552-8129	
82	XXXX	OO	
84	XXXX	OO	
87	XXXX	OO	
87	• BARROWCLIFF George	851-6282	8
90	XXXX	OO	
90	XXXX	OO	
92	• MCNARY Jeanne	551-8172	
95	• MCNARY John	551-8172	
97	XXXX	OO	
98	• CORRADINI Marc	786-6380	2
100	XXXX	OO	
101	• HENRILL M	730-0182	4
102	XXXX	OO	

105	XXXX	OO	
107	XXXX	OO	
108	XXXX	OO	
109	• BOYD William D	551-0242	9
110	• MORRIS David	551-4204	2
111	• ORTNER Joanne	559-5202	
	• ORTNER Robert	559-5202	
112	XXXX	OO	
113	• YIN Tom	786-1158	1
114	• MCCUNE Marge	559-7982	
	• MCCUNE Mike	559-7982	
115	XXXX	OO	
118	• SMITH Frank	857-8544	+6
118	• REYNOLDS Eleanor	857-8505	+6
121	XXXX	OO	
123	XXXX	OO	
125	XXXX	OO	
127	• TOOLEY Gabriel	551-4572	1
131	• WHISLER Scott R	851-1328	8
132	XXXX	OO	
135	XXXX	OO	
136	XXXX	OO	
141	XXXX	OO	
149	• OLSSON Norman	559-7134	4
152	XXXX	OO	
158	• MCNARY David	733-3274	5
	• MCNARY James	733-3274	5
157	XXXX	OO	
158	• GAIN Eileen V	851-4040	2
181	XXXX	OO	
185	• MCHX Scott Asst	559-1328	0
	• 0 BUS	84 RES	5 NEW

REMME RIDGE 92630 EL TORO

23882	• LEGENDS U S A	479-1940	+6
	• NOVA MFG	484-1404	5
23901	• V M TECHNOLOGY INC	857-1880	5
23902	• VALLEY AUTO COLLUS	479-1948	
	• 4 BUS	0 RES	1 NEW

REMORA DR 92649 HUNTINGTON BCH

WEALTH CODE 8.0

3181	• BUTK Barbara	582-2335	5
3181	XXXX	OO	
3281	• HUSKIN Michael C	582-5441	+6
	• 0 BUS	3 RES	1 NEW

REN CIR 92780 TUSTIN

WEALTH CODE 2.0

1051	• SHORA John R	771-5083	4
1060	XXXX	OO	
1062	XXXX	OO	
1071	XXXX	OO	
1072	• HEARER Susuko	858-0382	8
1081	XXXX	OO	
1082	XXXX	OO	
	• 0 BUS	7 RES	0 NEW

RENE DR S 92704 SANTA ANA

WEALTH CODE 5.3

1101	XXXX	OO	
1102	• PERALES Anibal	341-8132	7
1106	• GUILLEN Magisterio G	751-8551	
1110	XXXX	OO	
1111	XXXX	OO	
1112	• CASTILLO Leonor	557-3417	+6
1121	XXXX	OO	
1122	• PALAFORCES PABLO R	540-2362	5
1125	XXXX	OO	
1126	• BORRERO Chas	546-8328	
1130	• LUCERO Sever	857-2571	+6
	• ORTEGA Adolfo	857-3750	+6
1131	XXXX	OO	
1134	• GONZALES Pedro	857-7128	2
	• SALAS Miriam	435-9074	+6
1137	XXXX	OO	
1138	XXXX	OO	
1141	• ACEVEDO Aurora	754-7940	+6
1142	• GUILLEN Jose	549-0548	
	• GUILLEN Thomas	549-0548	
1202	• DURAN John J	540-7580	0
1203	XXXX	OO	
1206	XXXX	OO	
1210	XXXX	OO	
1212	XXXX	OO	
1218	• DOMINGO Anibal	857-3888	4
1230	XXXX	OO	
1234	XXXX	OO	
1302	• AGUILAR Eleazar	850-4782	+6
1306	XXXX	OO	
1314	• GUTIERREZ Celso	857-3036	5
1317	• FRANCO Anibal	540-8528	
1318	XXXX	OO	
1321	XXXX	OO	
1322	XXXX	OO	
1325	XXXX	OO	
1342	• MORGAL Martha	545-7414	0
1343	XXXX	OO	
1347	• VAQUERO Juan	888-2881	5
1388	XXXX	OO	
1401	XXXX	OO	
1402	XXXX	OO	
1405	XXXX	OO	
1406	• AGUILAR Felipe	444-3713	+6
1410	• BEJNAL Flavio	546-4725	+6
1414	• JACOBS William M Jr	751-1986	
1415	XXXX	OO	
1418	• ANTHONY Carlos	441-6125	4
1419	XXXX	OO	
1422	• MURCE Vivian	540-6283	
1423	• SCHAFER Ben C	546-5178	
1426	XXXX	OO	
1427	XXXX	OO	
1438	• PUTER Ross Val	751-6238	0
1439	• WENDLANDT Earl	554-8825	
1410	• FERNANDEZ Jose L	546-1557	1
1413	• FERNANDEZ Victor	751-4656	
1414	XXXX	OO	
1417	• ASAD Ven S	546-0859	
1418	XXXX	OO	
1420	• PUENTES Florio	551-8188	+6
1422	• BANKS Gen Wm Jr	888-0881	
1701	XXXX	OO	
1702	XXXX	OO	
1703	• CARRILLO Maribel	545-3413	5
1708	• HANAURO Jorge	545-7717	+6
1708	• MOLINA Anibal	857-6227	

TRABUCO RD 92620 IRVINE

WEALTH CODE 5 0

4182	• IRVINE SHELL SERV	959-8790	+6
	• SHELL IRVINE SERV	959-8790	+6
	• SHELL SV STA DEALER	959-1311	
4200	BUILDING		
	• A PLACE IN THE SUN	951-1288	5
	• BELLINGER MIKE	957-0606	
	• BOBS TV SHOP	951-3232	1
	• CHOW CRIGHTN S DOB	959-1178	
	• DONS TOP DART SPLY	959-8840	3
	• DORNER PHYSCL THERPY	951-4189	7
	• FARMERS INS AGENCY	957-0148	
	• FARMERS INS AGENT	957-0148	
	• FARMERS INS AGENT	957-0686	
	• IRVINE THERAPY SRV	957-0328	
	• JALATY CHUCK	957-0138	
	• JALATY CHUCK	957-0148	
	• JAZAYERI N DOB	959-1178	2
	• JOHNSON DAVE INS AG	951-1028	3
	• LIN PARKSON DR DPM	952-1172	4
	• NEW SOUL RECORDS	786-7611	+6
	• OMEGA CLEANERS	959-1218	2
	• PERLE LISA DC	952-1172	1
	• PLACE IN THE SUN A	951-1288	+6
	• SMITH BRENT M DC	952-1172	
	• STEINHOUSER J DC	952-1172	
	• VERMA S M CPA	951-1078	
	• WAKABAYASHI DAVID T	952-2020	4
	• WANGJEAN DMD INC	951-4727	0
	• WELAND R R ATTY	951-4428	+6

4200

..TRABUCO RD

92620 CONT..

ZIP CODE 92618

WEALTH CODE 2 0

8852	• IRVINE GARAGE	951-2030	7
8868	• A D WELDING	786-9685	+6
	• GEM DEGLASSING	951-8114	+6
	• INDSTRIL TANK SERV	957-8048	+6
	• JEM CRANE SERVICE	951-8114	+6
8878	• EL TORO CLNRS&LNDRY	959-1518	
7000	• AVTELL SERVICES INC	786-4087	5
	• M C A S HISTORICAL	959-8796	2
	• SOUTHRN IL UNIV	959-1757	4
8171	• IRVINE SC EL TORO	959-0818	5
8501	XXXX	00	
8551 1/2	THOMPSON Bryan	957-8979	5
8561 1/2	GARCIA Donna	786-6282	+6
	GARCIA Gilbert	786-6282	+6

STREET NOT LISTED

RANGE NOT LISTED

STREET NOT LISTED

RANGE NOT LISTED

STREET NOT LISTED

RANGE NOT LISTED

STREET NOT LISTED

STREET NOT LISTED

STREET NOT LISTED

STREET NOT LISTED

STREET NOT LISTED

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STREET NOT LISTED

STREET NOT LISTED



FIRE INSURANCE MAPS

Project Property: 14010 Remington, Irvine
14010 Remington
Irvine CA 92620

Project No: EG-SHEA-23-8

Requested By: Enercon Services, Inc.

Order No: 24040100864

Date Completed: April 02, 2024

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



Property Information

Order Number: 24040100864p
Date Completed: April 2, 2024
Project Number: EG-SHEA-23-8
Project Property: 14010 Remington, Irvine
14010 Remington Irvine CA 92620
Coordinates:
Latitude: 33.69986536
Longitude: -117.76870659
UTM Northing: 3729143.61361 Meters
UTM Easting: 428762.094144 Meters
UTM Zone: UTM Zone 11S
Elevation: 158.74 ft
Slope Direction: WSW

Topographic Information.....	2
Hydrologic Information.....	4
Geologic Information.....	9
Soil Information.....	11
Wells and Additional Sources.....	16
Summary.....	17
Detail Report.....	20
Radon Information.....	73
Appendix.....	74
Liability Notice.....	76

The ERIS **Physical Setting Report - PSR** provides comprehensive information about the physical setting around a site and includes a complete overview of topography and surface topology, in addition to hydrologic, geologic and soil characteristics. The location and detailed attributes of oil and gas wells, water wells, public water systems and radon are also included for review.

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

Disclaimer

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

APPENDIX D
DATABASE REPORT



DATABASE REPORT

Project Property: 14010 Remington, Irvine
14010 Remington
Irvine CA 92620

Project No: EG-SHEA-23-8

Report Type: Database Report

Order No: 24040100864

Requested by: Enercon Services, Inc.

Date Completed: April 3, 2024

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	9
Executive Summary: Site Report Summary - Surrounding Properties.....	10
Executive Summary: Summary by Data Source.....	14
Map.....	20
Aerial.....	23
Topographic Map.....	24
Detail Report.....	25
Unplottable Summary.....	132
Unplottable Report.....	133
Appendix: Database Descriptions.....	134
Definitions.....	153

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

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Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	0	1	-	1
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	0	0	-	-	0
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	5	14	-	-	19
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
FRP	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
DOE FUSRAP	Y	1	0	0	0	0	0	0

State

RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	0	0	2	3	5
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
SWRCB SWF	Y	0.5	0	0	0	0	-	0
WMUD	Y	0.5	0	0	0	0	-	0
HWP	Y	1	0	0	0	0	0	0
SWAT	Y	0.5	0	0	0	0	-	0
C&D DEBRIS RECY	Y	0.5	0	0	0	0	-	0
RECYCLING	Y	0.5	0	0	0	0	-	0
PROCESSORS	Y	0.5	0	0	0	0	-	0
CONTAINER RECY	Y	0.5	0	0	0	0	-	0
LDS	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	0	1	2	-	3
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	0	-	-	0
UST CLOSURE	Y	0.5	0	0	0	0	-	0
HHSS	Y	0.25	0	0	0	-	-	0
UST SWEEPS	Y	0.25	0	0	0	-	-	0
AST	Y	0.25	0	0	0	-	-	0
AST SWRCB	Y	0.25	0	0	0	-	-	0
TANK OIL GAS	Y	0.25	0	0	0	-	-	0
DELISTED TNK	Y	0.25	0	0	0	-	-	0
CERS TANK	Y	0.25	0	0	0	-	-	0
DELISTED CTNK	Y	0.25	0	0	0	-	-	0
HIST TANK	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
LUR	Y	0.5	0	0	0	0	-	0
CALSITES	Y	0.5	0	0	0	0	-	0
HLUR	Y	0.5	0	0	0	0	-	0
DEED	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
CLEANUP SITES	Y	0.5	0	0	0	2	-	2
DELISTED CLEANUP	Y	0.5	0	0	0	0	-	0
DELISTED COUNTY	Y	0.25	0	0	1	-	-	1

Tribal

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

County

ICP ORANGE	Y	0.25	0	0	0	-	-	0
LOP ORANGE	Y	0.5	0	0	0	0	-	0
NPUT ORANGE	Y	0.5	0	0	0	0	-	0
UST ORANGE	Y	0.25	0	0	0	-	-	0
AST ORANGE	Y	0.25	0	0	0	-	-	0
UST CLP ANAHEIM	Y	0.5	0	0	0	0	-	0
UST ANAHEIM	Y	0.25	0	0	0	-	-	0
AST ANAHEIM	Y	0.25	0	0	0	-	-	0

Additional Environmental Records

Federal

PFAS GHG	Y	0.5	0	0	0	0	-	0
FINDS/FRS	Y	PO	0	-	-	-	-	0
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PFAS TSCA	Y	0.5	0	0	0	0	-	0
PFAS E-MANIFEST	Y	0.5	0	0	0	0	-	0
PFAS IND	Y	0.5	0	0	0	3	-	3
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FUDS MRS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	2	-	-	2
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0

State

PFAS SAMPLING	Y	0.5	0	0	0	1	-	1
DRYCLEANERS	Y	0.25	0	0	1	-	-	1
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DRYC GRANT	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
PFAS GT CLEANUPS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	0	1	-	1
PFAS INVEST	Y	0.5	0	0	0	0	-	0
HWSS CLEANUP	Y	0.5	0	0	0	0	-	0
TOXIC PITS	Y	1	0	0	0	0	0	0
DTSC HWF	Y	0.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	0	0	0	0
SCH	Y	1	0	0	0	1	3	4
CHMIRS	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	0	-	-	-	-	0
HAZ GEN	Y	PO	0	-	-	-	-	0
HAZ TSD	Y	0.5	0	0	0	0	-	0
HIST MANIFEST	Y	PO	0	-	-	-	-	0
HW TRANSPORT	Y	0.125	0	0	-	-	-	0
WASTE TIRE	Y	PO	0	-	-	-	-	0
MEDICAL WASTE	Y	0.25	0	0	0	-	-	0
HIST CORTESE	Y	0.5	0	0	0	0	-	0
CDO/CAO	Y	0.5	0	0	0	0	-	0
CERS HAZ	Y	0.125	0	0	-	-	-	0
DELISTED HAZ	Y	0.5	0	0	1	0	-	1
GEOTRACKER	Y	0.125	0	0	-	-	-	0
MINE	Y	1	0	0	0	0	0	0
LIEN	Y	PO	0	-	-	-	-	0
WASTE DISCHG	Y	0.25	0	0	0	-	-	0
EMISSIONS	Y	0.25	0	0	0	-	-	0
CDL	Y	0.125	0	0	-	-	-	0

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

County

HW ORANGE	Y	0.125	0	0	-	-	-	0
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Total: 0 5 20 13 6 44

* PO – Property Only

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

Executive Summary: Site Report Summary - Project Property

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>1</u>	RCRA NON GEN	ALBERT TEDIDOR	8 SALK IRVINE CA 92620 <i>EPA Handler ID:</i> CAC003179731	ENE	0.09 / 455.93	7	<u>25</u>
<u>2</u>	RCRA NON GEN	MIRA DE	23 LINDBERG IRVINE CA 92620 <i>EPA Handler ID:</i> CAC003154180	N	0.10 / 511.71	-3	<u>26</u>
<u>3</u>	RCRA NON GEN	HENG LIU	3 LINDBERG IRVINE CA 92620 <i>EPA Handler ID:</i> CAC003170423	NNE	0.10 / 524.38	3	<u>27</u>
<u>4</u>	RCRA NON GEN	JI WON MICHAEL SHIN	285 HUNTINGTON IRVINE CA 92620 <i>EPA Handler ID:</i> CAC003136208	SW	0.12 / 615.88	-11	<u>28</u>
<u>5</u>	RCRA NON GEN	AMIR KIAI	51 CARVER IRVINE CA 92620 <i>EPA Handler ID:</i> CAC003130177	E	0.12 / 621.04	11	<u>29</u>
<u>6</u>	RCRA NON GEN	JERRY BOAZ	1 DEFOREST IRVINE CA 92620 <i>EPA Handler ID:</i> CAC002973736	ENE	0.15 / 767.84	14	<u>30</u>
<u>7</u>	RCRA NON GEN	STEVE STACHOWSKI	9 CROCKETT IRVINE CA 92620-3330 <i>EPA Handler ID:</i> CAC003039029	E	0.16 / 824.04	13	<u>31</u>
<u>8</u>	RCRA NON GEN	EVA HO	6 WRIGHT IRVINE CA 92620 <i>EPA Handler ID:</i> CAC003162291	NNW	0.16 / 831.63	-5	<u>32</u>
<u>9</u>	LUST	ORANGE COUNTY FIRE STATION #15	3202 SANTIAGO CANYON IRVINE CA 92720 <i>Global ID Status:</i> T0605900414 Completed - Case Closed	N	0.17 / 908.42	4	<u>33</u>
<u>10</u>	RCRA NON GEN	HARRY HUANG	4 MCCORMICK IRVINE CA 92620 <i>EPA Handler ID:</i> CAC003210056	ENE	0.18 / 950.19	15	<u>36</u>
<u>11</u>	RCRA NON GEN	EUGENE LIU	8 MCCORMICK IRVINE CA 92620 <i>EPA Handler ID:</i> CAC003091728	ENE	0.20 / 1,030.08	16	<u>37</u>
<u>12</u>	RCRA NON GEN	TERRY STEYER	10 MCCORMICK IRVINE CA 92620 <i>EPA Handler ID:</i> CAC003075494	ENE	0.20 / 1,072.19	15	<u>38</u>
<u>13</u>	ALT FUELS	SCCCA EVCHARGER STATION 2	9 Truman St Irvine CA 92620	SSE	0.20 / 1,080.73	11	<u>39</u>

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			ID: 159144				
<u>13</u>	ALT FUELS	SCCCA EVCHARGER STATION 1	9 Truman St Irvine CA 92620	SSE	0.20 / 1,080.73	11	<u>40</u>
			ID: 176686				
<u>13</u>	RCRA NON GEN	SOUTH COAST CHINESE CULTURAL ASSOCIATION	9 TRUMAN IRVINE CA 92620	SSE	0.20 / 1,080.73	11	<u>40</u>
			EPA Handler ID: CAC003126489				
<u>14</u>	DRYCLEANERS	NABEELA CHAUDRY	13 FULTON IRVINE CA	NE	0.22 / 1,184.16	14	<u>41</u>
<u>15</u>	RCRA NON GEN	BRENT REGAN	5 BOONE IRVINE CA 92620	N	0.23 / 1,194.66	-1	<u>42</u>
			EPA Handler ID: CAC003114983				
<u>16</u>	RCRA NON GEN	CHETAN KATARIYA	17 FIELD IRVINE CA 92620-3344	ENE	0.23 / 1,207.70	16	<u>43</u>
			EPA Handler ID: CAC003057206				
<u>17</u>	RCRA NON GEN	GUSTAVO RODRIGUEZ	8 BOONE STREET IRVINE CA 92620	N	0.24 / 1,249.54	-2	<u>44</u>
			EPA Handler ID: CAC002974731				
<u>18</u>	DELISTED COUNTY	ORANGE COUNTY PRODUCE LLC	5491 TRABUCO RD FLD 235 IRVINE CA 92620	ESE	0.24 / 1,252.17	22	<u>45</u>
<u>19</u>	RCRA NON GEN	DEBBIE SMITH	1 BOONE IRVINE CA 92620	N	0.24 / 1,259.38	-3	<u>45</u>
			EPA Handler ID: CAC003241755				
<u>20</u>	DELISTED HAZ	Northwood Place Apartment Homes	1300 HAYES IRVINE CA 92620	S	0.24 / 1,286.32	-2	<u>46</u>
<u>20</u>	RCRA NON GEN	NORTHWOOD PLACE APARTMENTS	1300 HAYES IRVINE CA 92620	S	0.24 / 1,286.32	-2	<u>46</u>
			EPA Handler ID: CAC003065001				
<u>20</u>	RCRA NON GEN	NORTHWOOD PLACE APARTMENT HOMES	1300 HAYES UNIT #900 IRVINE CA 92620	S	0.24 / 1,286.32	-2	<u>47</u>
			EPA Handler ID: CAC003159546				
<u>21</u>	RCRA NON GEN	GREGORY LEE	27 FIELD IRVINE CA 92602	ENE	0.25 / 1,308.04	19	<u>48</u>
			EPA Handler ID: CAC003048521				

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>22</u>	ENVIROSTOR	TRABUCO CLEANERS	13925 YALE AVE., SUITE 145 IRVINE CA 92620	NW	0.31 / 1,637.54	-14	<u>50</u>
<i>Estor/EPA ID Cleanup Status:</i> 60001106 REFER: LOCAL AGENCY AS OF 1/11/2011							
<u>23</u>	CLEANUP SITES	TRABUCO CLEANERS	13925 YALE AVE IRVINE CA 92620	NW	0.33 / 1,745.84	-13	<u>50</u>
<i>Global ID:</i> T10000018491							
<u>24</u>	PFAS IND	ANDERSON, AUBREY	IRVINE CA	WSW	0.34 / 1,792.91	-26	<u>52</u>
<u>25</u>	LUST	TREASURE FARM WINDMACHINE 227	14503 TRABUCO RD IRVINE CA 92720	ESE	0.41 / 2,148.68	30	<u>53</u>
<i>Global ID Status:</i> T0605901751 Open - Site Assessment							
<u>26</u>	CLEANUP SITES	TREASURE FARMS	0 NE JEFFREY & TRABUCO RD IRVINE CA 92720	ESE	0.41 / 2,183.80	30	<u>56</u>
<i>Global ID:</i> T10000020533							
<u>27</u>	SCH	PROPOSED PA 40 MIDDLE SCHOOL	TRABUCO ROAD/JEFFREY ROAD IRVINE CA 92618	ESE	0.42 / 2,226.88	29	<u>57</u>
<i>Estor/EPA ID Cleanup Status:</i> 60000561 NO FURTHER ACTION AS OF 4/16/2007							
<u>27</u>	ENVIROSTOR	PROPOSED PA 40 MIDDLE SCHOOL	TRABUCO ROAD/JEFFREY ROAD IRVINE CA 92618	ESE	0.42 / 2,226.88	29	<u>58</u>
<i>Estor/EPA ID Cleanup Status:</i> 60000561 NO FURTHER ACTION AS OF 4/16/2007							
<u>28</u>	PFAS IND	TRI-COUNTY SANBLASTING INC	IRVINE CA	ENE	0.43 / 2,261.83	34	<u>59</u>
<u>28</u>	PFAS IND	KARCHER ENVIRONMENTAL INC	ORANGE COUNTY CA	ENE	0.43 / 2,261.83	34	<u>60</u>
<u>29</u>	RCRA TSD	RASHED ARBI	65 KAZAN ST IRVINE CA 92604	SW	0.45 / 2,399.37	-20	<u>61</u>
<i>EPA Handler ID:</i> CAC003017558							
<u>30</u>	PFAS GW		CA	W	0.47 / 2,491.26	-38	<u>62</u>
<u>30</u>	PFAS SAMPLING	WELL 76	IRVINE CA	W	0.47 / 2,491.26	-38	<u>99</u>
<u>31</u>	LUST	OR. CO. FIRE STATION #26-57/58	4691 WALNUT AVE IRVINE CA 92714	W	0.49 / 2,583.75	-39	<u>121</u>
<i>Global ID Status:</i> T0605901530 Completed - Case Closed							

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
<u>32</u>	SCH	WOODBURY (AREA 9) MIDDLE SCHOOL	JEFFREY ROAD / BRYAN AVENUE IRVINE CA 92620 <i>Estor/EPA ID Cleanup Status:</i> 30000005 NO FURTHER ACTION AS OF 10/13/2004	E	0.69 / 3,632.38	54	<u>123</u>
<u>32</u>	ENVIROSTOR	WOODBURY (AREA 9) MIDDLE SCHOOL	JEFFREY ROAD / BRYAN AVENUE IRVINE CA 92620 <i>Estor/EPA ID Cleanup Status:</i> 30000005 NO FURTHER ACTION AS OF 10/13/2004	E	0.69 / 3,632.38	54	<u>124</u>
<u>33</u>	SCH	IRVINE HIGH SCHOOL EXPANSION PROJECT	4321 WALNUT AVENUE IRVINE CA 92604 <i>Estor/EPA ID Cleanup Status:</i> 60001920 NO FURTHER ACTION AS OF 3/18/2014	W	0.75 / 3,983.58	-49	<u>126</u>
<u>33</u>	ENVIROSTOR	IRVINE HIGH SCHOOL EXPANSION PROJECT	4321 WALNUT AVENUE IRVINE CA 92604 <i>Estor/EPA ID Cleanup Status:</i> 60001920 NO FURTHER ACTION AS OF 3/18/2014	W	0.75 / 3,983.58	-49	<u>127</u>
<u>34</u>	SCH	WOODBURY (AREA 9) ELEMENTARY SCHOOL	JEFFREY ROAD/BRYAN AVENUE IRVINE CA 92620 <i>Estor/EPA ID Cleanup Status:</i> 30010020 NO FURTHER ACTION AS OF 6/6/2005	E	0.96 / 5,044.90	76	<u>128</u>
<u>34</u>	ENVIROSTOR	WOODBURY (AREA 9) ELEMENTARY SCHOOL	JEFFREY ROAD/BRYAN AVENUE IRVINE CA 92620 <i>Estor/EPA ID Cleanup Status:</i> 30010020 NO FURTHER ACTION AS OF 6/6/2005	E	0.96 / 5,044.90	76	<u>129</u>

Executive Summary: Summary by Data Source

Standard

Federal

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Jan 1, 2024 has found that there are 1 RCRA TSD site(s) within approximately 0.50miles of the project property

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
RASHED ARBI	65 KAZAN ST IRVINE CA 92604	SW	0.45 / 2,399.37	<u>29</u>
<i>EPA Handler ID: CAC003017558</i>				

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Jan 1, 2024 has found that there are 19 RCRA NON GEN site(s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ALBERT TEDIDOR	8 SALK IRVINE CA 92620	ENE	0.09 / 455.93	<u>1</u>
<i>EPA Handler ID: CAC003179731</i>				
HENG LIU	3 LINDBERG IRVINE CA 92620	NNE	0.10 / 524.38	<u>3</u>
<i>EPA Handler ID: CAC003170423</i>				
AMIR KIAI	51 CARVER IRVINE CA 92620	E	0.12 / 621.04	<u>5</u>
<i>EPA Handler ID: CAC003130177</i>				
JERRY BOAZ	1 DEFOREST IRVINE CA 92620	ENE	0.15 / 767.84	<u>6</u>
<i>EPA Handler ID: CAC002973736</i>				
STEVE STACHOWSKI	9 CROCKETT IRVINE CA 92620-3330	E	0.16 / 824.04	<u>7</u>
<i>EPA Handler ID: CAC003039029</i>				
HARRY HUANG	4 MCCORMICK IRVINE CA 92620	ENE	0.18 / 950.19	<u>10</u>
<i>EPA Handler ID: CAC003210056</i>				
EUGENE LIU	8 MCCORMICK IRVINE CA 92620	ENE	0.20 / 1,030.08	<u>11</u>
<i>EPA Handler ID: CAC003091728</i>				

ENVIROSTOR - EnviroStor Database

A search of the ENVIROSTOR database, dated Feb 15, 2024 has found that there are 5 ENVIROSTOR site(s) within approximately 1.00miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PROPOSED PA 40 MIDDLE SCHOOL	TRABUCO ROAD/JEFFREY ROAD IRVINE CA 92618	ESE	0.42 / 2,226.88	<u>27</u>
<i>Estor/EPA ID Cleanup Status: 60000561 NO FURTHER ACTION AS OF 4/16/2007</i>				
WOODBURY (AREA 9) MIDDLE SCHOOL	JEFFREY ROAD / BRYAN AVENUE IRVINE CA 92620	E	0.69 / 3,632.38	<u>32</u>
<i>Estor/EPA ID Cleanup Status: 30000005 NO FURTHER ACTION AS OF 10/13/2004</i>				
WOODBURY (AREA 9) ELEMENTARY SCHOOL	JEFFREY ROAD/BRYAN AVENUE IRVINE CA 92620	E	0.96 / 5,044.90	<u>34</u>
<i>Estor/EPA ID Cleanup Status: 30010020 NO FURTHER ACTION AS OF 6/6/2005</i>				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
TRABUCO CLEANERS	13925 YALE AVE., SUITE 145 IRVINE CA 92620	NW	0.31 / 1,637.54	<u>22</u>
<i>Estor/EPA ID Cleanup Status: 60001106 REFER: LOCAL AGENCY AS OF 1/11/2011</i>				
IRVINE HIGH SCHOOL EXPANSION PROJECT	4321 WALNUT AVENUE IRVINE CA 92604	W	0.75 / 3,983.58	<u>33</u>
<i>Estor/EPA ID Cleanup Status: 60001920 NO FURTHER ACTION AS OF 3/18/2014</i>				

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Nov 30, 2023 has found that there are 3 LUST site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ORANGE COUNTY FIRE STATION #15	3202 SANTIAGO CANYON IRVINE CA 92720	N	0.17 / 908.42	<u>9</u>
<i>Global ID Status: T0605900414 Completed - Case Closed</i>				
TREASURE FARM WINDMACHINE 227	14503 TRABUCO RD IRVINE CA 92720	ESE	0.41 / 2,148.68	<u>25</u>
<i>Global ID Status: T0605901751 Open - Site Assessment</i>				
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
OR. CO. FIRE STATION #26-57/58	4691 WALNUT AVE IRVINE CA 92714	W	0.49 / 2,583.75	<u>31</u>
<i>Global ID Status: T0605901530 Completed - Case Closed</i>				

CLEANUP SITES - GeoTracker Cleanup Program Sites

A search of the CLEANUP SITES database, dated Nov 30, 2023 has found that there are 2 CLEANUP SITES site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
TREASURE FARMS	0 NE JEFFREY & TRABUCO RD IRVINE CA 92720	ESE	0.41 / 2,183.80	<u>26</u>
<i>Global ID: T10000020533</i>				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
TRABUCO CLEANERS	13925 YALE AVE IRVINE CA 92620	NW	0.33 / 1,745.84	<u>23</u>
<i>Global ID: T10000018491</i>				

DELISTED COUNTY - Delisted County Records

A search of the DELISTED COUNTY database, dated Mar 20, 2024 has found that there are 1 DELISTED COUNTY site(s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ORANGE COUNTY PRODUCE LLC	5491 TRABUCO RD FLD 235 IRVINE CA 92620	ESE	0.24 / 1,252.17	<u>18</u>

Non Standard

Federal

PFAS IND - PFAS Industry Sectors

A search of the PFAS IND database, dated Dec 4, 2023 has found that there are 3 PFAS IND site(s) within approximately 0.50miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
KARCHER ENVIRONMENTAL INC	ORANGE COUNTY CA	ENE	0.43 / 2,261.83	<u>28</u>
TRI-COUNTY SANBLASTING INC	IRVINE CA	ENE	0.43 / 2,261.83	<u>28</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
ANDERSON, AUBREY	IRVINE CA	WSW	0.34 / 1,792.91	<u>24</u>

ALT FUELS - Alternative Fueling Stations

A search of the ALT FUELS database, dated Nov 27, 2023 has found that there are 2 ALT FUELS site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
SCCCA EVCHARGER STATION 1	9 Truman St Irvine CA 92620 <i>ID: 176686</i>	SSE	0.20 / 1,080.73	<u>13</u>
SCCCA EVCHARGER STATION 2	9 Truman St Irvine CA 92620 <i>ID: 159144</i>	SSE	0.20 / 1,080.73	<u>13</u>

State

DRYCLEANERS - Dry Cleaning Facilities

A search of the DRYCLEANERS database, dated Dec 20, 2021 has found that there are 1 DRYCLEANERS site(s) within approximately 0.25miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
NABEELA CHAUDRY	13 FULTON IRVINE CA	NE	0.22 / 1,184.16	<u>14</u>

PFAS GW - PFOA/PFOS Groundwater

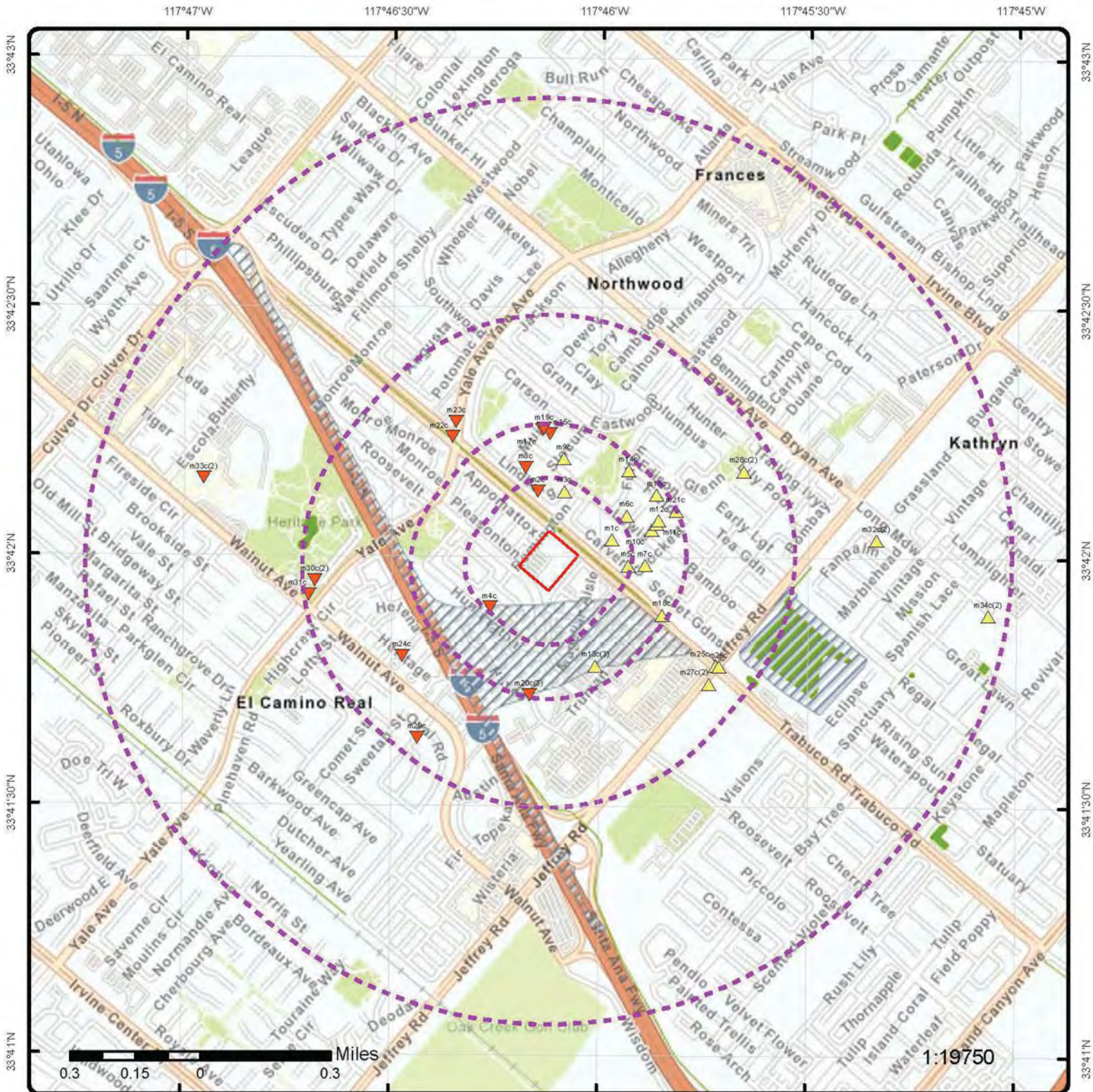
A search of the PFAS GW database, dated Jan 7, 2024 has found that there are 1 PFAS GW site(s) within approximately 0.50miles of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
	CA	W	0.47 / 2,491.26	<u>30</u>

SCH - School Property Evaluation Program Sites

A search of the SCH database, dated Feb 15, 2024 has found that there are 4 SCH site(s) within approximately 1.00miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (mi/ft)</u>	<u>Map Key</u>
PROPOSED PA 40 MIDDLE SCHOOL	TRABUCO ROAD/JEFFREY ROAD IRVINE CA 92618 <i>Estor/EPA ID Cleanup Status: 60000561 NO FURTHER ACTION AS OF 4/16/2007</i>	ESE	0.42 / 2,226.88	<u>27</u>
WOODBURY (AREA 9) MIDDLE SCHOOL	JEFFREY ROAD / BRYAN AVENUE IRVINE CA 92620 <i>Estor/EPA ID Cleanup Status: 30000005 NO FURTHER ACTION AS OF 10/13/2004</i>	E	0.69 / 3,632.38	<u>32</u>
WOODBURY (AREA 9) ELEMENTARY SCHOOL	JEFFREY ROAD/BRYAN AVENUE IRVINE CA 92620 <i>Estor/EPA ID Cleanup Status: 30010020 NO FURTHER ACTION AS OF 6/6/2005</i>	E	0.96 / 5,044.90	<u>34</u>



Map: 1.0 Mile Radius

Order Number: 24040100864

Address: 14010 Remington, Irvine, CA



Project Property

Buffer Outline

Sites with Higher Elevation

Sites with Same Elevation

Sites with Lower Elevation

Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

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

117°46'30"W

117°46'W

117°45'30"W

33°42'30"N

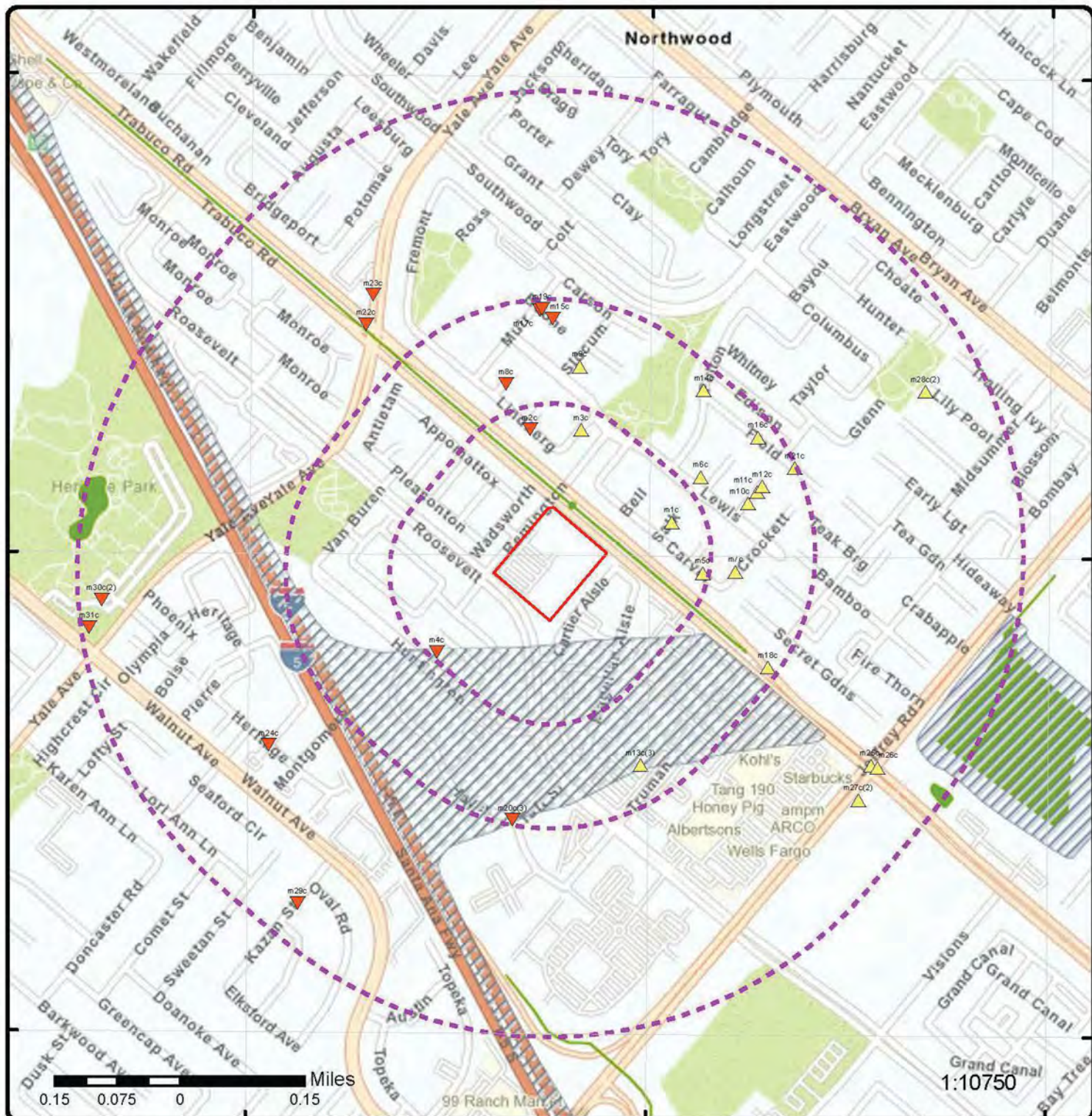
33°42'30"N

33°42'N

33°42'N

33°41'30"N

33°41'30"N



Map: 0.5 Mile Radius

Order Number: 24040100864

Address: 14010 Remington, Irvine, CA



Project Property

Buffer Outline

▲ Sites with Higher Elevation

▲ Sites with Same Elevation

▲ Sites with Lower Elevation

○ Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

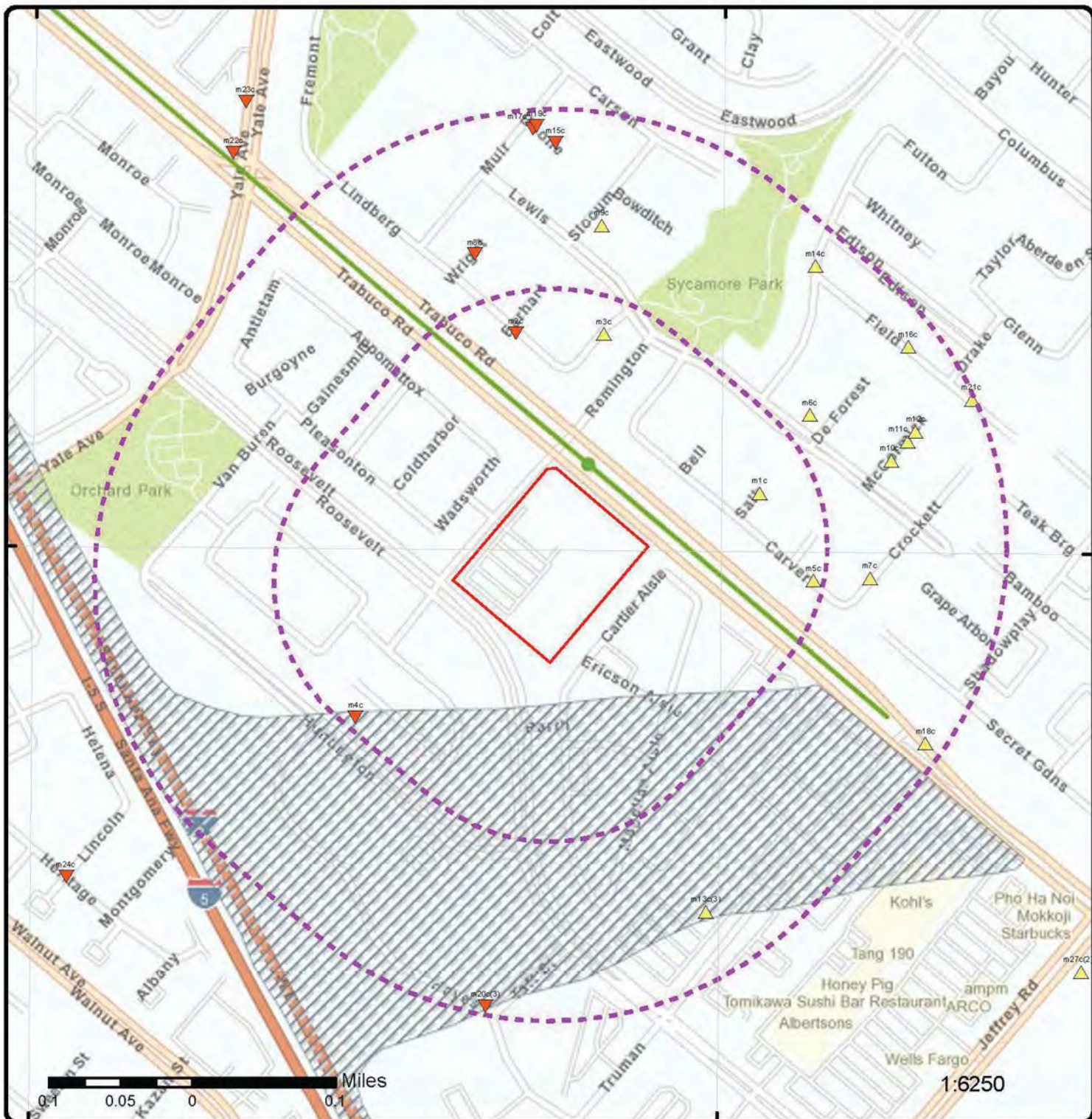
Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

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



Map: 0.25 Mile Radius

Order Number: 24040100864

Address: 14010 Remington, Irvine, CA



Project Property

Buffer Outline

▲ Sites with Higher Elevation

▲ Sites with Same Elevation

▼ Sites with Lower Elevation

○ Sites with Unknown Elevation

Areas with Higher Elevation

Areas with Same Elevation

Areas with Lower Elevation

Areas with Unknown Elevation

Freeways; Highways

Traffic Circle; Ramp

Major & Minor Arterial

Traffic Circle; Ramp

Local Road

Rail

State

Country

National Wetland

Indian Reserve Land

100 Year Flood Zone

500 Year Flood Zone

FWS Special Designation Areas

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

117°46'30"W

117°46'W

117°45'30"W

33°42'30"N

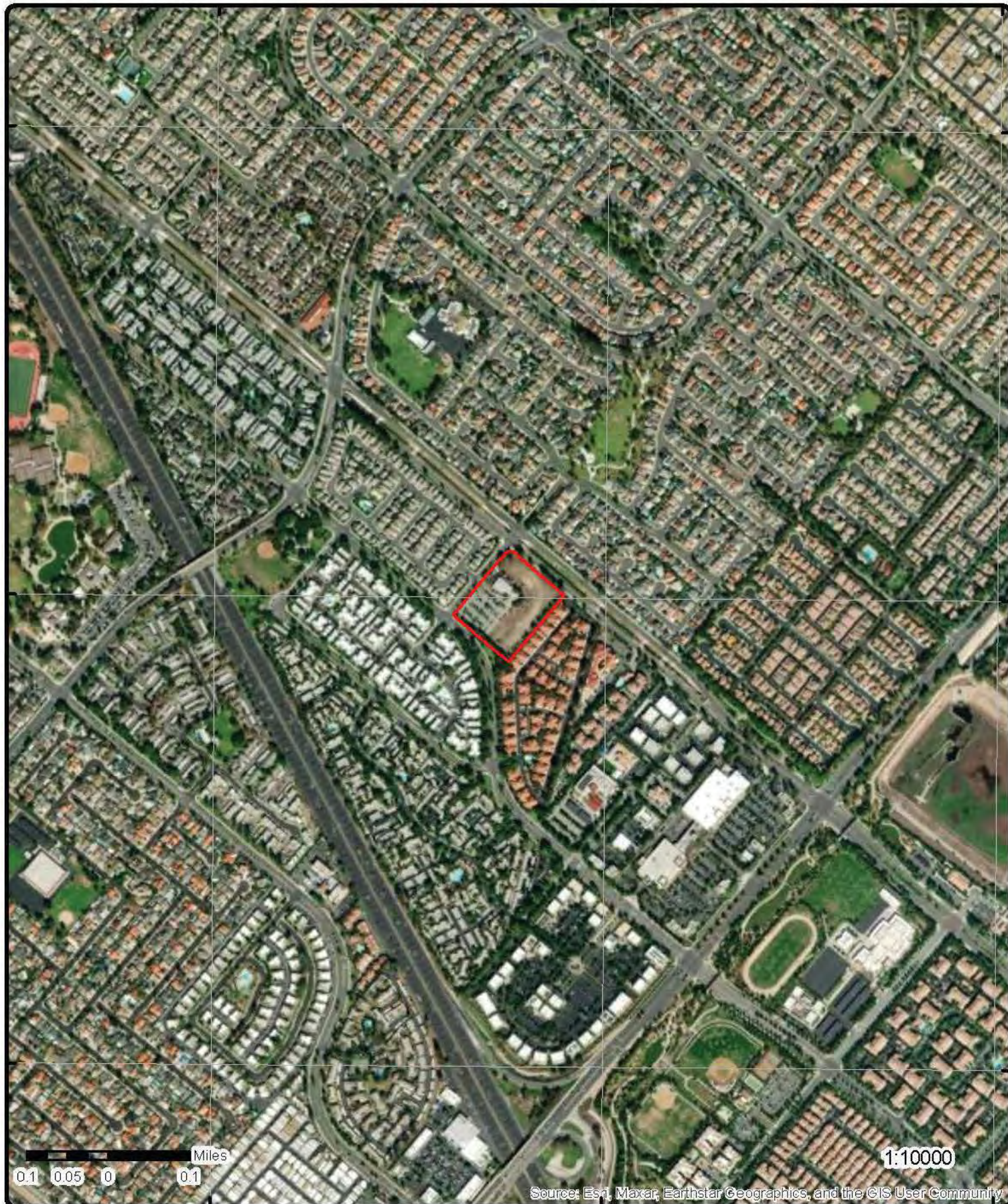
33°42'30"N

33°42'N

33°42'N

33°41'30"N

33°41'30"N



Aerial Year: 2022

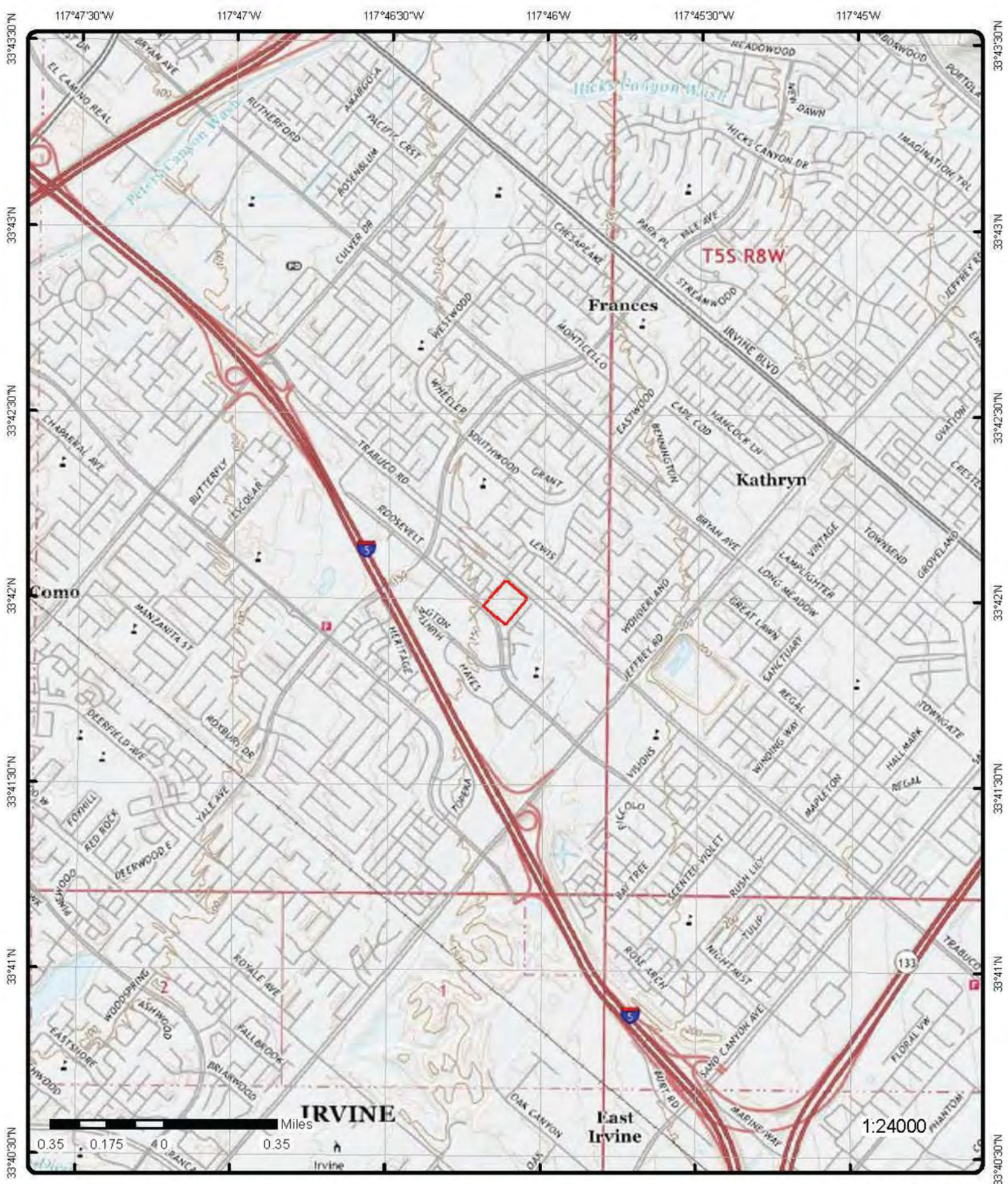
Address: 14010 Remington, Irvine, CA

Source: ESRI World Imagery

Order Number: 24040100864



© ERIS Information Inc.



Topographic Map

Year: 2022

Order Number: 24040100864

Address: 14010 Remington, CA

Quadrangle(s): Lake Forest CA, Tustin CA

Source: USGS Topographic Map



© ERIS Information Inc.

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
<u>1</u>	1 of 1	ENE	0.09 / 455.93	166.10 / 7	ALBERT TEDIDOR 8 SALK IRVINE CA 92620	RCRA NON GEN

EPA Handler ID: CAC003179731
Gen Status Universe: No Report
Contact Name: ALBERT TEDIDOR
Contact Address: 8 SALK , , IRVINE , CA, 92620 ,
Contact Phone No and Ext: 949-616-4676
Contact Email: KARLA@SUPERIORENV.COM
Contact Country:
County Name: ORANGE
EPA Region: 09
Land Type:
Receive Date: 20220607
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

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

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20220607
Handler Name: ALBERT TEDIDOR
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	8 SALK
Name:	ALBERT TEDIDOR	Street 2:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Became Current:				City:	IRVINE	
Date Ended Current:				State:	CA	
Phone:	949-616-4676			Country:		
Source Type:	Implementer			Zip Code:	92620	
Owner/Operator Ind:				Street No:		
Type:	Current Operator			Street 1:	8 SALK	
Name:	Other			Street 2:		
Date Became Current:				City:	IRVINE	
Date Ended Current:				State:	CA	
Phone:	949-616-4676			Country:		
Source Type:	Implementer			Zip Code:	92620	

<u>2</u>	1 of 1	N	0.10 / 511.71	155.88 / -3	MIRA DE 23 LINDBERG IRVINE CA 92620	RCRA NON GEN
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EPA Handler ID: CAC003154180
Gen Status Universe: No Report
Contact Name: MIRA DE
Contact Address: 23 LINDBERG , , IRVINE , CA, 92620 ,
Contact Phone No and Ext: 949-943-2359
Contact Email: KARLA@SUPERIORENV.COM
Contact Country:
County Name: ORANGE
EPA Region: 09
Land Type:
Receive Date: 20211223
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

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

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20211223
Handler Name: MIRA DE
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

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

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	23 LINDBERG
Name:	MIRA DE	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	949-943-2359	Country:	
Source Type:	Implementer	Zip Code:	92620
Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	23 LINDBERG
Name:	MIRA DE	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	949-943-2359	Country:	
Source Type:	Implementer	Zip Code:	92620

<u>3</u>	1 of 1	NNE	0.10 / 524.38	161.69 / 3	HENG LIU 3 LINDBERG IRVINE CA 92620	RCRA NON GEN
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EPA Handler ID: CAC003170423
Gen Status Universe: No Report
Contact Name: HENG LIU
Contact Address: 3 LINDBERG , , IRVINE , CA, 92620 ,
Contact Phone No and Ext: 774-641-5340
Contact Email: ICARUSXY1@GMAIL.COM
Contact Country:
County Name: ORANGE
EPA Region: 09
Land Type:
Receive Date: 20220408
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

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

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20220408
Handler Name: HENG LIU

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Type:		Implementer				
Federal Waste Generator Code:		N				
Generator Code Description:		Not a Generator, Verified				
<u>Owner/Operator Details</u>						
Owner/Operator Ind:		Current Owner		Street No:		
Type:		Other		Street 1:		
Name:		HENG LIU		Street 2:		
Date Became Current:				City:		
Date Ended Current:				State:		
Phone:		774-641-5340		Country:		
Source Type:		Implementer		Zip Code:		
Owner/Operator Ind:		Current Operator		Street No:		
Type:		Other		Street 1:		
Name:		HENG LIU		Street 2:		
Date Became Current:				City:		
Date Ended Current:				State:		
Phone:		774-641-5340		Country:		
Source Type:		Implementer		Zip Code:		

<u>4</u>	1 of 1	SW	0.12 / 615.88	147.88 / -11	JI WON MICHAEL SHIN 285 HUNTINGTON IRVINE CA 92620	RCRA NON GEN
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EPA Handler ID: CAC003136208
Gen Status Universe: No Report
Contact Name: JI WON MICHAEL SHIN
Contact Address: 285 HUNTINGTON , IRVINE , CA, 92620
Contact Phone No and Ext: 818-281-2125
Contact Email: JWON.M.SHIN@GMAIL.COM
Contact Country:
County Name: ORANGE
EPA Region: 09
Land Type:
Receive Date: 20210826
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

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

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

Sequence No: 1
 Receive Date: 20210826
 Handler Name: JI WON MICHAEL SHIN
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	285 HUNTINGTON
Name:	JI WON MICHAEL SHIN	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	818-281-2125	Country:	
Source Type:	Implementer	Zip Code:	92620
Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	285 HUNTINGTON
Name:	JI WON MICHAEL SHIN	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	818-281-2125	Country:	
Source Type:	Implementer	Zip Code:	92620

5	1 of 1	E	0.12 / 621.04	169.91 / 11	AMIR KIAI 51 CARVER IRVINE CA 92620	RCRA NON GEN
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EPA Handler ID: CAC003130177
 Gen Status Universe: No Report
 Contact Name: AMIR KIAI
 Contact Address: 51 CARVER , , IRVINE , CA, 92620 ,
 Contact Phone No and Ext: 949-701-4710
 Contact Email: AD.AQHIINC@GMAIL.COM
 Contact Country:
 County Name: ORANGE
 EPA Region: 09
 Land Type:
 Receive Date: 20210720
 Location Latitude:
 Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

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

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Used Oil Burner:		No				
Used Oil Market Burner:		No				
Used Oil Spec Marketer:		No				

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20210720
 Handler Name: AMIR KIAI
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	51 CARVER
Name:	AMIR KIAI	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	949-701-4710	Country:	
Source Type:	Implementer	Zip Code:	92620

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	51 CARVER
Name:	AMIR KIAI	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	949-701-4710	Country:	
Source Type:	Implementer	Zip Code:	92620

<u>6</u>	1 of 1	ENE	0.15 / 767.84	172.61 / 14	JERRY BOAZ 1 DEFOREST IRVINE CA 92620	RCRA NON GEN
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EPA Handler ID: CAC002973736
 Gen Status Universe: No Report
 Contact Name: JERRY BOAZ
 Contact Address: 1 DEFOREST , , IRVINE , CA, 92620 ,
 Contact Phone No and Ext: 949-591-1388
 Contact Email: JOE@SIRRIS.BIZ
 Contact Country:
 County Name: ORANGE
 EPA Region: 09
 Land Type:
 Receive Date: 20180801
 Location Latitude: 33.701373
 Location Longitude: -117.765594

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
 Mixed Waste Generator: No
 Transporter Activity: No
 Transfer Facility: No
 Onsite Burner Exemption: No
 Furnace Exemption: No
 Underground Injection Activity: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Commercial TSD:	No					
Used Oil Transporter:	No					
Used Oil Transfer Facility:	No					
Used Oil Processor:	No					
Used Oil Refiner:	No					
Used Oil Burner:	No					
Used Oil Market Burner:	No					
Used Oil Spec Marketer:	No					

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20180801
 Handler Name: JERRY BOAZ
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	1 DEFOREST
Name:	JERRY BOAZ	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	949-591-1388	Country:	
Source Type:	Implementer	Zip Code:	92620

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	1 DEFOREST
Name:	JERRY BOAZ	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	949-591-1388	Country:	
Source Type:	Implementer	Zip Code:	92620

<u>7</u>	1 of 1	E	0.16 / 824.04	172.17 / 13	STEVE STACHOWSKI 9 CROCKETT IRVINE CA 92620-3330	RCRA NON GEN
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EPA Handler ID: CAC003039029
 Gen Status Universe: No Report
 Contact Name: STEVE STACHOWSKI
 Contact Address: 9 CROCKETT , , IRVINE , CA, 92620-3330 ,
 Contact Phone No and Ext: 714-898-4633
 Contact Email: KARLA@SUPERIORENV.COM
 Contact Country:
 County Name: ORANGE
 EPA Region: 09
 Land Type:
 Receive Date: 20191016
 Location Latitude:
 Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
 Mixed Waste Generator: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Transporter Activity:	No					
Transfer Facility:	No					
Onsite Burner Exemption:	No					
Furnace Exemption:	No					
Underground Injection Activity:	No					
Commercial TSD:	No					
Used Oil Transporter:	No					
Used Oil Transfer Facility:	No					
Used Oil Processor:	No					
Used Oil Refiner:	No					
Used Oil Burner:	No					
Used Oil Market Burner:	No					
Used Oil Spec Marketer:	No					

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20191016
 Handler Name: STEVE STACHOWSKI
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	9 CROCKETT
Name:	STEVE STACHOWSKI	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	714-898-4633	Country:	
Source Type:	Implementer	Zip Code:	92620-3330

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	9 CROCKETT
Name:	STEVE STACHOWSKI	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	714-898-4633	Country:	
Source Type:	Implementer	Zip Code:	92620-3330

8	1 of 1	NNW	0.16 / 831.63	153.74 / -5	EVA HO 6 WRIGHT IRVINE CA 92620	RCRA NON GEN
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EPA Handler ID: CAC003162291
 Gen Status Universe: No Report
 Contact Name: EVA HO
 Contact Address: 6 WRIGHT , , IRVINE , CA, 92620 ,
 Contact Phone No and Ext: 310-908-7470
 Contact Email: AMARTINO@VIKINGENVIRO.COM
 Contact Country:
 County Name: ORANGE
 EPA Region: 09
 Land Type:
 Receive Date: 20220216
 Location Latitude:
 Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

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

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

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20220216
 Handler Name: EVA HO
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	6 WRIGHT
Name:	EVA HO	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	310-908-7470	Country:	
Source Type:	Implementer	Zip Code:	92620
Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	6 WRIGHT
Name:	EVA HO	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	310-908-7470	Country:	
Source Type:	Implementer	Zip Code:	92620

9	1 of 1	N	0.17 / 908.42	162.85 / 4	ORANGE COUNTY FIRE STATION #15 3202 SANTIAGO CANYON IRVINE CA 92720	LUST
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Global ID:	T0605900414	Census Tract:	6059052417
Site Facility Type:		Census Tract (SRCH):	6059052417
Status:	Completed - Case Closed	Oil Field (SRCH):	
Status Date (DL):	10/20/1992	Oil Field Oper (SRCH):	
Cleanup Status:		Latitude:	
Case Type (DL):	LUST Cleanup Site	Longitude:	
RWQCB Region (DL):	SANTA ANA RWQCB (REGION 8)		
Site Facility Name:			
Business Name (DL):	ORANGE COUNTY FIRE STATION #15		
Address:	3202 SANTIAGO CANYON		
City:	IRVINE		
State:	CA		
Zip:	92720		
County:	ORANGE		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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GeoTracker Sites Data Download - Site Details

CUF Case: NO
Lead Agency: ORANGE COUNTY LOP
Case Worker:
Local Agency:
RB Case No: 083000519T
Local Case No: 92UT039
File Location: Local Agency
Potential COC: Diesel
Potential Media of Concern: Soil
Begin Date: 12/13/1991
How Discovered: Tank Closure
How Discovered Description:
Stop Method: Close and Remove Tank
Stop Description:
Calwater Watershed Name: Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
DWR GW Subbasin Name: Coastal Plain Of Orange County (8-001)
Disadvantaged Community:
CalEnvScreen Score:
Coordinate Source: * Historical Geocode - Zip Code Match
Discharge Cause:
Discharge Source:
EPA Region: 9
Leak Reported Dt: 1991-12-13 00:00:00
Military DoD Site: No
No Further Action Dt: 1992-10-20 00:00:00
Qty Rlsd Gallons: 0
Facility Project Sub Type:
Calenviroscreen 3 Score: 16-20%
Calenviroscreen 4 Score: 10-15%
Site History:

GeoTracker Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 10/20/1992

Status: Open - Case Begin Date
Status Date: 12/13/1991

GeoTracker Search - Regulatory Profile (as of October 16, 2023)

Site Facility Name: ORANGE COUNTY FIRE STATION #15
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 3202 SANTIAGO CANYON
City: IRVINE
Zip: 92720
County: ORANGE
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0605900414
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 10/20/1992
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0605900414&tabname=regulatoryhistory
Potential COC: DIESEL
Potential Media of Concern: SOIL
File Location: LOCAL AGENCY
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
DWR GW Sub Basin: Coastal Plain Of Orange County (8-001)
Calwater Watershed Name: Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: ORANGE COUNTY LOP (LEAD) - CASE #: 92UT039
 SANTA ANA RWQCB (REGION 8) - CASE #: 083000519T

CUF Claim No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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CUF Priority Assig:
 CUF Amount Paid:
 WDR Place Type:
 WDR File No:
 WDR Order No:
 Project Oversight Agencies:
 Facility Type:
 Composting Method:
 Gmdwtr Monitoring Frequency:
 Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
 Site History:
 No site history available

GeoTracker Search - Cleanup Status History (as of October 16, 2023)

Status: Completed - Case Closed
 Date : 10/20/1992
 Status: Open - Case Begin Date
 Date : 12/13/1991

GeoTracker Search - Cleanup Action Report (as of October 16, 2023)

Action Type: EXCAVATION
 Begin Date: 1/1/1965
 End Date: 1/1/1965
 Phase:
 Contaminant Mass Removed:
 Description:

GeoTracker Search - Regulatory Activities (as of October 16, 2023)

Action Type: Other Regulatory Actions
 Action: Closure/No Further Action Letter
 Action Date: 10/20/1992
 Received Issue Date: 10/20/1992
 Doc Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0605900414&enforcement_id=6326541&temptable=ENFORCEMENT
 Title Description Comments:
 RACC

Action Type: Leak Action
 Action: Leak Reported
 Action Date: 12/13/1991
 Received Issue Date:
 Doc Link:
 Title Description Comments:

Action Type: Leak Action
 Action: Leak Discovery
 Action Date: 12/13/1991
 Received Issue Date:
 Doc Link:
 Title Description Comments:

GeoTracker Search - Documents (as of October 16, 2023)

Document Type:	Site Documents	Document Date:	10/20/1992
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Type:	CLOSURE/NO FURTHER ACTION LETTER	Submitted:
Submitted By:	GENIECE HIGGINS (REGULATOR)	
Title:	RACC	
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0605900414&enforcement_id=6326541	

10	1 of 1	ENE	0.18 / 950.19	174.12 / 15	HARRY HUANG 4 MCCORMICK IRVINE CA 92620	RCRA NON GEN
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EPA Handler ID:	CAC003210056
Gen Status Universe:	No Report
Contact Name:	HARRY HUANG
Contact Address:	4 MCCORMICK , , IRVINE , CA, 92620
Contact Phone No and Ext:	949-413-8585
Contact Email:	KARLA@SUPERIORENV.COM
Contact Country:	
County Name:	ORANGE
EPA Region:	09
Land Type:	
Receive Date:	20221227
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).
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Handler Summary

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

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20221227
Handler Name:	HARRY HUANG
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	4 MCCORMICK
Name:	HARRY HUANG	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	949-413-8585	Country:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Type:	Implementer			Zip Code:	92620	
Owner/Operator Ind:	Current Owner			Street No:		
Type:	Other			Street 1:	4 MCCORMICK	
Name:	HUANG HUANG			Street 2:		
Date Became Current:				City:	IRVINE	
Date Ended Current:				State:	CA	
Phone:	949-413-8585			Country:		
Source Type:	Implementer			Zip Code:	92620	

11	1 of 1	ENE	0.20 / 1,030.08	174.92 / 16	EUGENE LIU 8 MCCORMICK IRVINE CA 92620	RCRA NON GEN
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EPA Handler ID: CAC003091728
 Gen Status Universe: No Report
 Contact Name: EUGENE LIU
 Contact Address: 8 MCCORMICK , IRVINE , CA, 92620
 Contact Phone No and Ext: 949-295-3869
 Contact Email: ENKAY@ENKAYENGINEERING.COM
 Contact Country:
 County Name: ORANGE
 EPA Region: 09
 Land Type:
 Receive Date: 20201106
 Location Latitude:
 Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

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

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20201106
 Handler Name: EUGENE LIU
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator Street No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Type:	Other				Street 1:	8 MCCORMICK
Name:	EUGENE LIU				Street 2:	
Date Became Current:					City:	IRVINE
Date Ended Current:					State:	CA
Phone:	949-295-3869				Country:	
Source Type:	Implementer				Zip Code:	92620
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Other				Street 1:	8 MCCORMICK
Name:	EUGENE LIU				Street 2:	
Date Became Current:					City:	IRVINE
Date Ended Current:					State:	CA
Phone:	949-295-3869				Country:	
Source Type:	Implementer				Zip Code:	92620

12	1 of 1	ENE	0.20 / 1,072.19	174.01 / 15	TERRY STEYER 10 MCCORMICK IRVINE CA 92620	RCRA NON GEN
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EPA Handler ID: CAC003075494
 Gen Status Universe: No Report
 Contact Name: TERRY STEYER
 Contact Address: 10 MCCORMICK , , IRVINE , CA, 92620 ,
 Contact Phone No and Ext: 949-241-2163
 Contact Email: MANIFEST.SIRRIIS@GMAIL.COM
 Contact Country:
 County Name: ORANGE
 EPA Region: 09
 Land Type:
 Receive Date: 20200720
 Location Latitude:
 Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

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

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20200720
 Handler Name: TERRY STEYER
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Owner/Operator Details						
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Other				Street 1:	10 MCCORMICK
Name:	TERRY STEYER				Street 2:	
Date Became Current:					City:	IRVINE
Date Ended Current:					State:	CA
Phone:	949-241-2163				Country:	
Source Type:	Implementer				Zip Code:	92620
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Other				Street 1:	10 MCCORMICK
Name:	TERRY STEYER				Street 2:	
Date Became Current:					City:	IRVINE
Date Ended Current:					State:	CA
Phone:	949-241-2163				Country:	
Source Type:	Implementer				Zip Code:	92620
13	1 of 3	SSE	0.20 / 1,080.73	170.08 / 11	SCCCA EVCHARGER STATION 2 9 Truman St Irvine CA 92620	ALT FUELS
ID:	159144				CNG Dispenser No:	
Fuel Type Code:	ELEC: Electric				CNG Site Renew Src:	
Station Phone:	888-758-4389				CNG Tot Compr Cap:	
Expected Date:					CNG Storage Cap:	
BD Blends:					CNG Fill Type Code:	
NG PSI:					CNG PSI:	
Federal Agency ID:					CNG Vehicle Class:	
Open Date:	2020-06-12				LNG Site Renew Src:	
Hydrogen is Retail:					LNG Vehicle Class:	
Federal Agency:					LPG Nozzle Types:	
Facility Type:					Hydrogen Pressures:	
Dt Last Confirmed:	2023-11-27				Hydrogen Standards:	
Updated at:	2023-11-27 00:22:43 UTC				Latitude:	33.696462
Access Code:	public				Longitude:	-117.767268
Access Detail Code:						
Groups with Access Code:	Public					
Groups with Access Code Fr:	Public					
Fed Agency Name:						
Hydrogen Status Link:						
E85 Other Ethanol Blends:						
NPS Unit Name:						
Cards Accepted:						
CNG Statn Sells Renewable Na:						
LNG Statn Sells Renewable Na:						
Maximum Vehicle Class:						
RD Blended With Biodiesel:						
RD Blends:						
RD Blends French:						
RD Maximum Biodiesel Level:						
Status:	Open: The station is open.					
Owner Type Desc:						
E85 Blender Pump Desc:						
NG Fill Type Desc:						
NG Vehicle Class Desc:						
Geocode Status Desc:	The location is from a real GPS readout at the station.					
Group with Access Desc:	Publicly available to all customers.					
LPG Primary Desc:						
Intersection Directions:						
Access Days Time:	24 hours daily					
Restricted Access:						
Ev Workplace Charging:	false					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	2 of 3	SSE	0.20 / 1,080.73	170.08 / 11	SCCCA EVCHARGER STATION 1 9 Truman St Irvine CA 92620	ALT FUELS

ID: 176686
Fuel Type Code: ELEC: Electric
Station Phone: 888-758-4389
Expected Date:
BD Blends:
NG PSI:
Federal Agency ID:
Open Date: 2021-01-27
Hydrogen is Retail:
Federal Agency:
Facility Type:
Dt Last Confirmed: 2023-11-27
Updated at: 2023-11-27 00:22:43 UTC
Access Code: public
Access Detail Code:
Groups with Access Code: Public
Groups with Access Code Fr: Public
Fed Agency Name:
Hydrogen Status Link:
E85 Other Ethanol Blends:
NPS Unit Name:
Cards Accepted:
CNG Statn Sells Renewable Na:
LNG Statn Sells Renewable Na:
Maximum Vehicle Class:
RD Blended With Biodiesel:
RD Blends:
RD Blends French:
RD Maximum Biodiesel Level:
Status: Open: The station is open.
Owner Type Desc:
E85 Blender Pump Desc:
NG Fill Type Desc:
NG Vehicle Class Desc:
Geocode Status Desc: The location is from a real GPS readout at the station.
Group with Access Desc: Publicly available to all customers.
LPG Primary Desc:
Intersection Directions:
Access Days Time: 24 hours daily
Restricted Access:
Ev Workplace Charging: false

13	3 of 3	SSE	0.20 / 1,080.73	170.08 / 11	SOUTH COAST CHINESE CULTURAL ASSOCIATION 9 TRUMAN IRVINE CA 92620	RCRA NON GEN
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EPA Handler ID: CAC003126489
Gen Status Universe: No Report
Contact Name: HUI-WEN HUANG
Contact Address: 9 TRUMAN , , IRVINE , CA, 92620 ,
Contact Phone No and Ext: 949-559-6868
Contact Email: HUIWEN@SCCCA.ORG
Contact Country:
County Name: ORANGE
EPA Region: 09
Land Type:
Receive Date: 20210625
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

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

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210625
Handler Name: SOUTH COAST CHINESE CULTURAL ASSOCIATION
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	9 TRUMAN
Name:	SOUTH COAST CHINESE CULTURAL ASSOCI	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	949-559-6868	Country:	
Source Type:	Implementer	Zip Code:	92620
Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	9 TRUMAN
Name:	HUI-WEN HUANG	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	949-559-6868	Country:	
Source Type:	Implementer	Zip Code:	92620

14	1 of 1	NE	0.22 / 1,184.16	173.13 / 14	NABEELA CHAUDRY 13 FULTON IRVINE CA	DRYCLEANERS
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EPA ID:	CAC002925856	Owner City:	IRVINE
Create Date:	8/30/2017	Owner State:	CA
Facility Act Ind:	No	Owner Zip:	92620
Inact Date:	11/30/2017	Owner Phone:	8184370047
Reason:	CLEANERS	Owner Fax:	
Region Code:	4	Contact Name:	NABEELA CHAUDRY
DD Latitude:	33.70287	Contact Street 1:	13 FULTON
DD Longitude:	-117.765579	Contact Street 2:	
Facility County Code:	(30) ORANGE	Contact City:	IRVINE
Mail Name:		Contact State:	CA
Owner Name:	NABEELA CHAUDRY	Contact Zip:	92620

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Owner Street 1:	13 FULTON				Contact Phone:	8184370047
Owner Street 2:					Contact Fax:	

<u>15</u>	1 of 1	N	0.23 / 1,194.66	158.11 / -1	BRENT REGAN 5 BOONE IRVINE CA 92620	RCRA NON GEN
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EPA Handler ID: CAC003114963
Gen Status Universe: No Report
Contact Name: BRENT REGAN
Contact Address: 5 BOONE , , IRVINE , CA, 92620 ,
Contact Phone No and Ext: 949-933-2805
Contact Email: ENKAY@ENKAYENGINEERING.COM
Contact Country:
County Name: ORANGE
EPA Region: 09
Land Type:
Receive Date: 20210414
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

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

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210414
Handler Name: BRENT REGAN
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	5 BOONE
Name:	BRENT REGAN	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	949-933-2805	Country:	
Source Type:	Implementer	Zip Code:	92620

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Other				Street 1:	5 BOONE
Name:	BRENT REGAN				Street 2:	
Date Became Current:					City:	IRVINE
Date Ended Current:					State:	CA
Phone:	949-933-2805				Country:	
Source Type:	Implementer				Zip Code:	92620

16	1 of 1	ENE	0.23 / 1,207.70	174.79 / 16	CHETAN KATARIYA 17 FIELD IRVINE CA 92620-3344	RCRA NON GEN
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EPA Handler ID: CAC003057206
Gen Status Universe: No Report
Contact Name: CHETAN KATARIYA
Contact Address: 17 FIELD , , IRVINE , CA, 92620-3344 ,
Contact Phone No and Ext: 949-652-8641
Contact Email: SHAY@JCENVIRONMENTALINC.COM
Contact Country:
County Name: ORANGE
EPA Region: 09
Land Type:
Receive Date: 20200224
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

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

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20200224
Handler Name: CHETAN KATARIYA
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	17 FIELD
Name:	CHETAN KATARIYA	Street 2:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Became Current:			City:		IRVINE	
Date Ended Current:			State:		CA	
Phone:		949-652-8641	Country:			
Source Type:		Implementer	Zip Code:		92620-3344	
Owner/Operator Ind:			Street No:			
Type:			Street 1:		17 FIELD	
Name:			Street 2:			
Date Became Current:			City:		IRVINE	
Date Ended Current:			State:		CA	
Phone:		949-652-8641	Country:			
Source Type:		Implementer	Zip Code:		92620-3344	

17	1 of 1	N	0.24 / 1,249.54	156.75 / -2	GUSTAVO RODRIGUEZ 8 BOONE STREET IRVINE CA 92620	RCRA NON GEN
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EPA Handler ID: CAC002974731
Gen Status Universe: No Report
Contact Name: GUSTAVO RODRIGUEZ
Contact Address: 8 BOONE STREET , , IRVINE , CA, 92620 ,
Contact Phone No and Ext: 714-606-1429
Contact Email: OCABATEMENT@GMAIL.COM
Contact Country:
County Name: ORANGE
EPA Region: 09
Land Type:
Receive Date: 20180808
Location Latitude: 33.704074
Location Longitude: -117.768681

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

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

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20180808
Handler Name: GUSTAVO RODRIGUEZ
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

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

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	8 BOONE STREET
Name:	GUSTAVO RODRIGUEZ	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	714-606-1429	Country:	
Source Type:	Implementer	Zip Code:	92620

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	8 BOONE STREET
Name:	GUSTAVO RODRIGUEZ	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	714-606-1429	Country:	
Source Type:	Implementer	Zip Code:	92620

<u>18</u>	1 of 1	ESE	0.24 / 1,252.17	181.16 / 22	ORANGE COUNTY PRODUCE LLC 5491 TRABUCO RD FLD 235 IRVINE CA 92620	DELISTED COUNTY
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Delisted County Records

Original Source Facility ID:
Original Source Name: Orange County Aboveground Petroleum Storage Tank Listing
Record Dt: 01-JUL-2016
Record Date: 01-JUL-2016

<u>19</u>	1 of 1	N	0.24 / 1,259.38	156.02 / -3	DEBBIE SMITH 1 BOONE IRVINE CA 92620	RCRA NON GEN
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EPA Handler ID: CAC003241755
Gen Status Universe: No Report
Contact Name: DEBBIE SMITH
Contact Address: 1 BOONE , , IRVINE , CA, 92620 ,
Contact Phone No and Ext: 949-525-5115
Contact Email: ELIZABETHS@PWSEI.COM
Contact Country:
County Name: ORANGE
EPA Region: 09
Land Type:
Receive Date: 20230713
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Fumace Exemption: No
Underground Injection Activity: No
Commercial TSD: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Used Oil Transporter:	No					
Used Oil Transfer Facility:	No					
Used Oil Processor:	No					
Used Oil Refiner:	No					
Used Oil Burner:	No					
Used Oil Market Burner:	No					
Used Oil Spec Marketer:	No					
<u>Hazardous Waste Handler Details</u>						
Sequence No:	1					
Receive Date:	20230713					
Handler Name:	DEBBIE SMITH					
Source Type:	Implementer					
Federal Waste Generator Code:	N					
Generator Code Description:	Not a Generator, Verified					
<u>Owner/Operator Details</u>						
Owner/Operator Ind:	Current Owner				Street No:	
Type:	Other				Street 1:	1 BOONE
Name:	DEBBIE SMITH				Street 2:	
Date Became Current:					City:	IRVINE
Date Ended Current:					State:	CA
Phone:	949-525-5115				Country:	
Source Type:	Implementer				Zip Code:	92620
Owner/Operator Ind:	Current Operator				Street No:	
Type:	Other				Street 1:	1 BOONE
Name:	DEBBIE SMITH				Street 2:	
Date Became Current:					City:	IRVINE
Date Ended Current:					State:	CA
Phone:	949-525-5115				Country:	
Source Type:	Implementer				Zip Code:	92620
20	1 of 3	S	0.24 / 1,286.32	156.63 / -2	Northwood Place Apartment Homes 1300 HAYES IRVINE CA 92620	DELISTED HAZ
Siteid:	365780					
Latitude:	33.694258					
Longitude:	-117.768652					
Original Source:	CHAZ					
Record Date:	22-MAR-2018					
20	2 of 3	S	0.24 / 1,286.32	156.63 / -2	NORTHWOOD PLACE APARTMENTS 1300 HAYES IRVINE CA 92620	RCRA NON GEN
EPA Handler ID:	CAC003065001					
Gen Status Universe:	No Report					
Contact Name:	MELISSA MATOSIC					
Contact Address:	1300 HAYES , , IRVINE , CA, 92620 ,					
Contact Phone No and Ext:	949-857-4100					
Contact Email:	MMATOSIC@IRVINECOMPANY.COM					
Contact Country:						
County Name:	ORANGE					
EPA Region:	09					
Land Type:						
Receive Date:	20200430					
Location Latitude:						
Location Longitude:						

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

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

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

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20200430
 Handler Name: NORTHWOOD PLACE APARTMENTS
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	1300 HAYES
Name:	MELISSA MATOSIC	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	949-857-4100	Country:	
Source Type:	Implementer	Zip Code:	92620
Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	550 NEWPORT CENTER DR.
Name:	TICIC SUB LLC	Street 2:	
Date Became Current:		City:	NEWPORT BEACH
Date Ended Current:		State:	CA
Phone:	949-720-5600	Country:	
Source Type:	Implementer	Zip Code:	92660

20	3 of 3	S	0.24 / 1,286.32	156.63 / -2	NORTHWOOD PLACE APARTMENT HOMES 1300 HAYES UNIT #900 IRVINE CA 92620	RCRA NON GEN
----	--------	---	--------------------	----------------	---	-----------------

EPA Handler ID: CAC003159546
 Gen Status Universe: No Report
 Contact Name: JUAN ORNA
 Contact Address: 1300 HAYES UNIT #900 , IRVINE , CA, 92620 ,
 Contact Phone No and Ext: 949-857-4100
 Contact Email: JORNA@IRVINECOMPANY.COM
 Contact Country:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
County Name:		ORANGE				
EPA Region:		09				
Land Type:						
Receive Date:		20220201				
Location Latitude:						
Location Longitude:						

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

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

Hazardous Waste Handler Details

Sequence No: 1
 Receive Date: 20220201
 Handler Name: NORTHWOOD PLACE APARTMENT HOMES
 Source Type: Implementer
 Federal Waste Generator Code: N
 Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	1300 HAYES UNIT #900
Name:	NORTHWOOD PLACE APARTMENT HOMES	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	949-857-4100	Country:	
Source Type:	Implementer	Zip Code:	92620

Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	1300 HAYES UNIT #900
Name:	JUAN ORNA	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	949-857-4100	Country:	
Source Type:	Implementer	Zip Code:	92620

21	1 of 1	ENE	0.25 / 1,308.04	177.57 / 19	GREGORY LEE 27 FIELD IRVINE CA 92602	RCRA NON GEN
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EPA Handler ID: CAC003048521
 Gen Status Universe: No Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Contact Name:		GREGORY LEE				
Contact Address:		27 FIELD , , IRVINE , CA, 92602 ,				
Contact Phone No and Ext:		714-960-9125				
Contact Email:		KARLA@SUPERIORENV.COM				
Contact Country:						
County Name:		ORANGE				
EPA Region:		09				
Land Type:						
Receive Date:		20191226				
Location Latitude:						
Location Longitude:						

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

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

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20191226
Handler Name: GREGORY LEE
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	27 FIELD
Name:	GREGORY LEE	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	714-960-9125	Country:	
Source Type:	Implementer	Zip Code:	92602
Owner/Operator Ind:	Current Operator	Street No:	
Type:	Other	Street 1:	27 FIELD
Name:	GREGORY LEE	Street 2:	
Date Became Current:		City:	IRVINE
Date Ended Current:		State:	CA
Phone:	714-960-9125	Country:	
Source Type:	Implementer	Zip Code:	92602

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
22	1 of 1	NW	0.31 / 1,637.54	144.85 / -14	TRABUCO CLEANERS 13925 YALE AVE., SUITE 145 IRVINE CA 92620	ENVIROSTOR

Estor/EPA ID: 60001106
Site Code:
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6059052525
Site Type: EVALUATION
Address Description: 13925 YALE AVE., SUITE 145
Office: CLEANUP CYPRESS
Special Program: EPA - PASI
Funding: EPA GRANT
Cleanup Status: REFER: LOCAL AGENCY AS OF 1/11/2011
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Potential Contaminant of Concern:

NONE SPECIFIED

Site History:

The Trabuco Cleaners (site) is located at 13925 Yale Avenue, Irvine California 92620 within a neighborhood retail shopping center. The site is 1,200-square feet tenant space sandwiched between two other empty retail spaces. Laundering and dry cleaning operations were performed by using tetrachloroethylene (PCE) on site till July, 2007 when facility was closed for the removal of dry cleaning equipment and re-modeling for wet cleaning operation only.
 The dry cleaner operator originally entered into a voluntary cleanup oversight agreement with County of Orange Health Care Agency (OCHCA) in 2002; Charles Dunn Realty Services (Charles Dunn), however, took responsibility for ensuring remedial action oversight process on behalf of the property owner.
 Several phases of investigation, conducted at the site from May 2002 through October 2006, included the drilling of sixteen (16) soil borings and the installation of nine (9) soil gas probes within the dry cleaning tenant space and in each of the adjacent tenant spaces to the north and south. Analytical results of soil and soil gas samples collected from these helped define the full extent of impact, leading Charles Dunn's consultant, Environmental Support Technologies, Inc. (EST), to propose a remedial action plan (RAP) consisting of the removal of shallow impacted soil in the immediate vicinity of the dry cleaning machine.
 The source of contamination was removed by excavation and disposed offsite under manifest. Sodium permanganate solution was also applied to the then exposed base and walls of the pit, as well as into the walls through horizontal wells so as to address whatever remnant contamination might be missed.
 As of January, 2008, the facility contains wet-cleaning operation only and does not generate any hazardous waste, and therefore, OCHCA removed this site from Hazardous waste Generator Program.

Status: REFER: LOCAL AGENCY
Program Type: EVALUATION
CalEnviroScreen Score: 25-30%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001106

Completed Activities

Title: Site Screening
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001106&enforcement_id=6015346
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: PA/SI Site Screening
Date Completed: 2/13/2009
Comments:

<u>23</u>	1 of 1	NW	0.33 / 1,745.84	145.36 / -13	TRABUCO CLEANERS 13925 YALE AVE IRVINE CA 92620	CLEANUP SITES
Global ID:		T10000018491			Case Type (DL):	
Site Facility Type:					Census Tract:	
Cleanup Status:					RWQCB Region (DL):	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Status (SRCH):	COMPLETED - CASE CLOSED			Longitude:		
Status (DL):				Latitude:		
Status Date (DL):						
Address:	13925 YALE AVE					
City:	IRVINE					
County:	ORANGE					
Zip:	92620					
State:	CA					
Report Source:	Cleanup Program Sites - GeoTracker Search Results (SRCH)					

GeoTracker Sites Data Download - Site Details

RB Case No:
 Local Case No: 02IC017
 Begin Date: 2/27/2008
 Lead Agency: ORANGE COUNTY LOP
 Local Agency: ORANGE COUNTY LOP
 CUF Case: NO
 CalEnvScreen Score:
 EPA Region: 9
 Qty Risd Gallons:
 Potential COC:
 How Discovered:
 Stop Method:
 Stop Description:
 Case Worker:
 Military DoD Site: No
 Leak Reported Dt:
 No Further Action Dt: 2008-02-27 00:00:00
 Potential Media of Concern:
 How Discovered Description:
 Calwater Watershed Name:
 DWR GW Subbasin Name:
 Disadvantaged Community:
 Coordinate Source:
 Discharge Cause:
 Discharge Source:
 Facility Project Sub Type:
 Calenviroscreen 3 Score:
 Calenviroscreen 4 Score:
 File Location: All Files are on GeoTracker or in the Local Agency Warehouse
 Site History:

Please refer to recent Site Documents or Monitoring Reports for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

GeoTracker Sites Data Download - Status History

Status: Completed - Case Closed
 Status Date: 2008-02-27 00:00:00

 Status: Open - Case Begin Date
 Status Date: 2008-02-27 00:00:00

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker - Primary Caseworker
 Contact Name: IC SUPERVISOR
 Organization Name: ORANGE COUNTY LOP
 Address: 1241 E. DYER RD., SUITE 120
 City: SANTA ANA
 Email: ghiggins@ochca.com
 Phone No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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GeoTracker Search - Facilities (as of October 16, 2023)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY WAREHOUSE
User Defined Beneficial Use:
Designated Beneficial Use: NONE
Designated Beneficial Use Desc: NONE
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000018491
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 2/27/2008
Potential COC: NONE SPECIFIED
Potential Media of Concern: NONE SPECIFIED
Groundwater Monitoring Freq:
DWR GW Sub Basin:
CalWater Watershed Name:
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: ORANGE COUNTY LOP (LEAD) - CASE #: 02IC017
CASE MANAGER: IC SUPERVISOR
SANTA ANA RWQCB (REGION 8)
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000018491&tabname=regulatoryhistory
Site History:

Please refer to recent Site Documents or Monitoring Reports for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

GeoTracker Search - Cleanup Status History (as of October 16, 2023)

Status: Open - Case Begin Date
Date: 2/27/2008

Status: Completed - Case Closed
Date: 2/27/2008

24	1 of 1	WSW	0.34 / 1,792.91	133.23 / -26	ANDERSON, AUBREY IRVINE CA	PFAS IND																																																																												
<table> <tbody> <tr> <td>Status:</td> <td>Unknown</td> <td>Fac Fips Code:</td> <td>06059</td> </tr> <tr> <td>Fac Indian Cntry Flg:</td> <td>N</td> <td>Compliance Status:</td> <td>-</td> </tr> <tr> <td>Fac Derived Huc:</td> <td>18070204</td> <td>EPA Programs:</td> <td>-</td> </tr> <tr> <td>Fac Derived Wbd:</td> <td>180702040103</td> <td>Federal Facility:</td> <td>No</td> </tr> <tr> <td>Fac Derived Cd113:</td> <td>45</td> <td>Federal Agency:</td> <td>-</td> </tr> <tr> <td>Fac Derived Cb2010:</td> <td>060590525051001</td> <td>Fac Snc Flg:</td> <td>N</td> </tr> <tr> <td>Fac Informal Count:</td> <td>0</td> <td>AIR Flag:</td> <td>N</td> </tr> <tr> <td>Last Informal Action:</td> <td>-</td> <td>NPDES Flag:</td> <td>N</td> </tr> <tr> <td>Formal Action Count:</td> <td>0</td> <td>SDWIS Flag:</td> <td>N</td> </tr> <tr> <td>Last Formal Action:</td> <td>-</td> <td>RCRAFlag:</td> <td>N</td> </tr> <tr> <td>Fac Total Penalties:</td> <td>0</td> <td>TRI Flag:</td> <td>N</td> </tr> <tr> <td>Fac Penalty Count:</td> <td>-</td> <td>GHG Flag:</td> <td>N</td> </tr> <tr> <td>Date Last Penalty:</td> <td>-</td> <td>TRI IDs:</td> <td>-</td> </tr> <tr> <td>Last Penalty Amt:</td> <td>-</td> <td>TRI Releases Trnsfrs:</td> <td>-</td> </tr> <tr> <td>Fac Qtrs With Nc:</td> <td>-</td> <td>TRI on Site Releases:</td> <td>-</td> </tr> <tr> <td>Programs With Snc:</td> <td>0</td> <td>TRI off Site Trnsfrs:</td> <td>-</td> </tr> <tr> <td>Fac Percent Minority:</td> <td>56.371</td> <td>TRI Reporter:</td> <td>-</td> </tr> <tr> <td>Fac Pop Den:</td> <td>5396.66</td> <td>Fac Imp Water Flg:</td> <td>-</td> </tr> <tr> <td>Count:</td> <td>1</td> <td>Fac Major Flag:</td> <td>-</td> </tr> </tbody> </table>							Status:	Unknown	Fac Fips Code:	06059	Fac Indian Cntry Flg:	N	Compliance Status:	-	Fac Derived Huc:	18070204	EPA Programs:	-	Fac Derived Wbd:	180702040103	Federal Facility:	No	Fac Derived Cd113:	45	Federal Agency:	-	Fac Derived Cb2010:	060590525051001	Fac Snc Flg:	N	Fac Informal Count:	0	AIR Flag:	N	Last Informal Action:	-	NPDES Flag:	N	Formal Action Count:	0	SDWIS Flag:	N	Last Formal Action:	-	RCRAFlag:	N	Fac Total Penalties:	0	TRI Flag:	N	Fac Penalty Count:	-	GHG Flag:	N	Date Last Penalty:	-	TRI IDs:	-	Last Penalty Amt:	-	TRI Releases Trnsfrs:	-	Fac Qtrs With Nc:	-	TRI on Site Releases:	-	Programs With Snc:	0	TRI off Site Trnsfrs:	-	Fac Percent Minority:	56.371	TRI Reporter:	-	Fac Pop Den:	5396.66	Fac Imp Water Flg:	-	Count:	1	Fac Major Flag:	-
Status:	Unknown	Fac Fips Code:	06059																																																																															
Fac Indian Cntry Flg:	N	Compliance Status:	-																																																																															
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Last Penalty Amt:	-	TRI Releases Trnsfrs:	-																																																																															
Fac Qtrs With Nc:	-	TRI on Site Releases:	-																																																																															
Programs With Snc:	0	TRI off Site Trnsfrs:	-																																																																															
Fac Percent Minority:	56.371	TRI Reporter:	-																																																																															
Fac Pop Den:	5396.66	Fac Imp Water Flg:	-																																																																															
Count:	1	Fac Major Flag:	-																																																																															

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Fac County:	ORANGE				Fac Active Flag:	-
State Other:					Fac Inspection Count:	0
Region:	09				Date Last Inspection:	-
Latitude:	33.69666				Days Last Inspection:	-
Longitude:	-117.77454					
Fac Derived Tribes:	-					
AIR IDs:	-					
CAA Permit Types:	-					
CAA NAICS:	-					
CAA SICs:	-					
NPDES IDs:	-					
CWA Permit Types:	-					
CWA NAICS:	-					
CWA SICs:	-					
RCRA IDs:	-					
RCRA Permit Types:	-					
RCRA NAICS:	-					
SDWA IDs:	-					
SDWA System Types:	-					
SDWA Compliance Status:	-					
SDWA Src Flag:	N					
Fac Collection Meth:	ADDRESS MATCHING-BLOCK FACE					
EJSCREEN Flag Us:	Y					
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-117.77454,%22y%22:33.69666,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110013891976					
Industry:	Waste Management					

25	1 of 1	ESE	0.41 / 2,148.68	188.97 / 30	TREASURE FARM WINDMACHINE 227 14503 TRABUCO RD IRVINE CA 92720	LUST
Global ID:	T0605901751				Census Tract:	6059052417
Site Facility Type:					Census Tract (SRCH):	6059052417
Status:	Open - Site Assessment				Oil Field (SRCH):	
Status Date (DL):	10/21/1991				Oil Field Oper (SRCH):	
Cleanup Status:					Latitude:	
Case Type (DL):	LUST Cleanup Site				Longitude:	
RWQCB Region (DL):	SANTA ANA RWQCB (REGION 8)					
Site Facility Name:						
Business Name (DL):	TREASURE FARM WINDMACHINE 227					
Address:	14503 TRABUCO RD					
City:	IRVINE					
State:	CA					
Zip:	92720					
County:	ORANGE					

GeoTracker Sites Data Download - Site Details

CUF Case:	NO
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Worker:	MAO
Local Agency:	ORANGE COUNTY
RB Case No:	083002464T
Local Case No:	TT90IC023
File Location:	Regional Board
Potential COC:	Gasoline
Potential Media of Concern:	Aquifer used for drinking water supply
Begin Date:	10/21/1991
How Discovered:	Tank Closure
How Discovered Description:	
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
DWR GW Subbasin Name:		Coastal Plain Of Orange County (8-001)				
Disadvantaged Community:						
CalEnvScreen Score:						
Coordinate Source:		* Historical Geocode - Exact Address Match				
Discharge Cause:		Unknown				
Discharge Source:		Other				
EPA Region:		9				
Leak Reported Dt:		1991-10-21 00:00:00				
Military DoD Site:		No				
No Further Action Dt:						
Qty Risd Gallons:						
Facility Project Sub Type:						
Calenviroscreen 3 Score:		11-15%				
Calenviroscreen 4 Score:		10-15%				
Site History:						

This is a recalcitrant site. No information available on file for this site.

GeoTracker Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: MIGUEL OVIEDO
Organization Name: SANTA ANA RWOCB (REGION 8)
Address: 3737 Main Street, Suite 500
City: RIVERSIDE
Email: miguel.oviedo@waterboards.ca.gov
Phone No: 9517823238

Contact Type: Local Agency Caseworker
Contact Name: ORANGE COUNTY
Organization Name: ORANGE COUNTY
Address: 1241 E. DYER ROAD SUITE 120
City: Santa Ana
Email:
Phone No:

GeoTracker Sites Data Download - Status History

Status: Open - Site Assessment
Status Date: 10/21/1991

Status: Open - Case Begin Date
Status Date: 10/21/1991

GeoTracker Search - Regulatory Profile (as of October 16, 2023)

Site Facility Name: TREASURE FARM WINDMACHINE 227
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - SITE ASSESSMENT
Address: 14503 TRABUCO RD
City: IRVINE
Zip: 92720
County: ORANGE
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0605901751
Cleanup Status Detail: OPEN - SITE ASSESSMENT AS OF 10/21/1991
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0605901751&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY
File Location: REGIONAL BOARD
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
DWR GW Sub Basin: Coastal Plain Of Orange County (8-001)
Calwater Watershed Name: Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Post Closure Site Management:

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

Cleanup Oversight Agencies: SANTA ANA RWQCB (REGION 8) (LEAD) - CASE #: 083002464T
CASE MANAGER: MIGUEL OVIEDO
ORANGE COUNTY - CASE #: TT901C023
CASE MANAGER: ORANGE COUNTY

CUF Claim No:

CUF Priority Assig:

CUF Amount Paid:

WDR Place Type:

WDR File No:

WDR Order No:

Project Oversight Agencies:

Facility Type:

Composting Method:

Gmdwtr Monitoring Frequency:

Designated Beneficial Use Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply

Desc:

Site History:

This is a recalcitrant site. No information available on file for this site.

GeoTracker Search - Cleanup Status History (as of October 16, 2023)

Status: Open - Site Assessment

Date : 10/21/1991

Status: Open - Case Begin Date

Date : 10/21/1991

GeoTracker Search - Regulatory Activities (as of October 16, 2023)

Action Type: Other Regulatory Actions

Action: File review

Action Date: 3/27/2018

Received Issue Date: 3/27/2018

Doc Link:

Title Description Comments:

This is a recalcitrant site. No information is available on file. RP cannot be reached.

Action Type: Reports

Action: Other Report

Action Date: 3/30/2016

Received Issue Date: 3/30/2016

Doc Link:

Title Description Comments:

Site was transferred to Regional Board sometime in 2015. No information is available on file at this time. Effort will be made to contact Orange County office for information for the RP. This appears to be a recalcitrant site.

Action Type: Other Regulatory Actions

Action: File review

Action Date: 12/28/2015

Received Issue Date: 12/28/2015

Doc Link:

Title Description Comments:

TREASURE FARM WINDMACHINE 227 - case transfer to RB

Action Type: Leak Action

Action: Leak Reported

Action Date: 10/21/1991

Received Issue Date:

Doc Link:

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

26	1 of 1	ESE	0.41 / 2,183.80	189.06 / 30	TREASURE FARMS 0 NE JEFFREY & TRABUCO RD IRVINE CA 92720	CLEANUP SITES
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Global ID:	T10000020533	Case Type (DL):
Site Facility Type:		Census Tract:
Cleanup Status:		RWQCB Region (DL):
Status (SRCH):	COMPLETED - CASE CLOSED	Longitude:
Status (DL):		Latitude:
Status Date (DL):		
Address:	0 NE JEFFREY & TRABUCO RD	
City:	IRVINE	
County:	ORANGE	
Zip:	92720	
State:	CA	
Report Source:	Cleanup Program Sites - GeoTracker Search Results (SRCH)	

GeoTracker Sites Data Download - Site Details

RB Case No:	
Local Case No:	90IC023
Begin Date:	5/22/2003
Lead Agency:	ORANGE COUNTY LOP
Local Agency:	ORANGE COUNTY LOP
CUF Case:	NO
CalEnvScreen Score:	
EPA Region:	9
Qty Risd Gallons:	
Potential COC:	
How Discovered:	
Stop Method:	
Stop Description:	
Case Worker:	
Military DoD Site:	No
Leak Reported Dt:	
No Further Action Dt:	2003-05-22 00:00:00
Potential Media of Concern:	
How Discovered Description:	
Calwater Watershed Name:	
DWR GW Subbasin Name:	
Disadvantaged Community:	
Coordinate Source:	
Discharge Cause:	
Discharge Source:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	
Calenviroscreen 4 Score:	
File Location:	All Files are on GeoTracker or in the Local Agency Warehouse
Site History:	

Please refer to recent Site Documents or Monitoring Reports for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

GeoTracker Sites Data Download - Status History

Status:	Open - Case Begin Date
Status Date:	2003-05-22 00:00:00
Status:	Completed - Case Closed
Status Date:	2003-05-22 00:00:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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GeoTracker Sites Data Download - Regulatory Contacts

Contact Type: Local Agency Caseworker - Primary Caseworker
Contact Name: IC SUPERVISOR
Organization Name: ORANGE COUNTY LOP
Address: 1241 E. DYER RD., SUITE 120
City: SANTA ANA
Email: ghiggins@ochca.com
Phone No:

GeoTracker Search - Facilities (as of October 16, 2023)

Project Status:
Cuf Claim No:
CUF Priority Assign:
CUF Amount Paid:
Composting Method:
Facility Type:
WDR Place Type:
WDR File No:
WDR Order No:
File Location: ALL FILES ARE ON GEOTRACKER OR IN THE LOCAL AGENCY WAREHOUSE
User Defined Beneficial Use:
Designated Beneficial Use: NONE
Designated Beneficial Use Desc: NONE
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000020533
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 5/22/2003
Potential COC: NONE SPECIFIED
Potential Media of Concern: NONE SPECIFIED
Groundwater Monitoring Freq:
DWR GW Sub Basin:
CalWater Watershed Name:
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: ORANGE COUNTY LOP (LEAD) - CASE #: 90IC023
CASE MANAGER: IC SUPERVISOR
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000020533&tabname=regulatoryhistory
Site History:

Please refer to recent Site Documents or Monitoring Reports for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

GeoTracker Search - Cleanup Status History (as of October 16, 2023)

Status: Open - Case Begin Date
Date: 5/22/2003

Status: Completed - Case Closed
Date: 5/22/2003

27	1 of 2	ESE	0.42 / 2,226.88	188.01 / 29	PROPOSED PA 40 MIDDLE SCHOOL TRABUCO ROAD/JEFFREY ROAD IRVINE CA 92618	SCH
Estor/EPA ID: 60000561 Nat Priority List: NO Census Tract: 6059052418 Permit Renewal Lead: Project Manager: Site Code: 404734 Cleanup Status: NO FURTHER ACTION AS OF 4/16/2007 Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY		Acres: 20 ACRES Supervisor: SHAHIR HADDAD County: ORANGE Latitude: 33.695779 Longitude: -117.762247				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Assembly District:		73				
Senate District:		37				
School District:		IRVINE UNIFIED SCHOOL DISTRICT				
Office:		SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH				
Public Participatn Spclst:						
Special Program:						
Funding:		SCHOOL DISTRICT				
Site Type:		SCHOOL				
APN:		NONE SPECIFIED				
Past Use that Caused Contam:		AGRICULTURAL - ROW CROPS				
Potential Media Affected:		SOIL				
Potential Contamin of Concern:						

UNDER INVESTIGATION

SITE HISTORY:

New site.

Status: NO FURTHER ACTION
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 35-40%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000561

Completed Activities

Title: PEA Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000561&doc_id=6014844
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 4/16/2007
Comments: DTSC issued "No Further Action Determination" based on a Preliminary Environmental Assessment report.

Title: EOA
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000561&enforcement_id=6010548
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 2/22/2007
Comments: Signed Agreement sent (FedEx) to District.

27	2 of 2	ESE	0.42 / 2,226.88	188.01 / 29	PROPOSED PA 40 MIDDLE SCHOOL TRABUCO ROAD/JEFFREY ROAD IRVINE CA 92618	ENVIROSTOR
Estor/EPA ID:	60000561				Assembly District: 73	
Site Code:	404734				Senate District: 37	
Nat Priority List:	NO				Permit Renewal Lead:	
APN:	NONE SPECIFIED				Public Partici Spclst:	
Census Tract:	6059052418				Project Manager:	
Site Type:	SCHOOL				County: ORANGE	
Address Description:	TRABUCO ROAD/JEFFREY ROAD				Latitude: 33.695779	
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH				Longitude: -117.762247	
Special Program:					Acres: 20 ACRES	
Funding:	SCHOOL DISTRICT				Supervisor: SHAHIR HADDAD	
Cleanup Status:	NO FURTHER ACTION AS OF 4/16/2007					
Cleanup Oversight Agencies:	DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY					
School District:	IRVINE UNIFIED SCHOOL DISTRICT					
Past Use that Caused Contam:	AGRICULTURAL - ROW CROPS					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Potential Media Affected: SOIL
 Potential Contaminant of Concern:

UNDER INVESTIGATION

Site History:

New site.

Status: NO FURTHER ACTION
 Program Type: SCHOOL EVALUATION
 CalEnviroScreen Score: 35-40%
 Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000561

Completed Activities

Title: EOA
 Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000561&enforcement_id=6010548
 Area Name:
 Area Link:
 Sub Area:
 Sub Area Link:
 Document Type: Environmental Oversight Agreement
 Date Completed: 2/22/2007
 Comments: Signed Agreement sent (FedEx) to District.

Title: PEA Report
 Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000561&doc_id=6014844
 Area Name:
 Area Link:
 Sub Area:
 Sub Area Link:
 Document Type: Preliminary Endangerment Assessment Report
 Date Completed: 4/16/2007
 Comments: DTSC issued "No Further Action Determination" based on a Preliminary Environmental Assessment report.

28	1 of 2	ENE	0.43 / 2,261.83	192.36 / 34	TRI-COUNTY SANBLASTING INC	PFAS IND
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IRVINE CA

Status:	Unknown	Fac Flips Code:	06059
Fac Indian Cntry Flg:	N	Compliance Status:	-
Fac Derived Huc:	18070204	EPA Programs:	-
Fac Derived Wbd:	180702040103	Federal Facility:	No
Fac Derived Cd113:	45	Federal Agency:	-
Fac Derived Cb2010:	060590524173014	Fac Snc Flg:	N
Fac Informal Count:	0	AIR Flg:	N
Last Informal Action:	-	NPDES Flg:	N
Formal Action Count:	0	SDWIS Flg:	N
Last Formal Action:	-	RCRA Flg:	N
Fac Total Penalties:	0	TRI Flg:	N
Fac Penalty Count:	-	GHG Flg:	N
Date Last Penalty:	-	TRI IDs:	-
Last Penalty Amt:	-	TRI Releases Trnsfrs:	-
Fac Qtrs With Nc:	-	TRI on Site Releases:	-
Programs With Snc:	0	TRI off Site Trnsfrs:	-
Fac Percent Minority:	57.065	TRI Reporter:	-
Fac Pop Den:	4465.3	Fac Imp Water Flg:	-
Count:	1	Fac Major Flg:	-
Fac County:	ORANGE	Fac Active Flg:	-
State Other:		Fac Inspection Count:	0
Region:	09	Date Last Inspection:	-
Latitude:	33.7029	Days Last Inspection:	-
Longitude:	-117.76092		
Fac Derived Tribes:	-		
AIR IDs:	-		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
CAA Permit Types:	-					
CAA NAICS:	-					
CAA SICs:	-					
NPDES IDs:	-					
CWA Permit Types:	-					
CWA NAICS:	-					
CWA SICs:	-					
RCRA IDs:	-					
RCRA Permit Types:	-					
RCRA NAICS:	-					
SDWA IDs:	-					
SDWA System Types:	-					
SDWA Compliance Status:	-					
SDWA Snc Flag:	N					
Fac Collection Meth:	UNKNOWN					
EJSCREEN Flag Us:	Y					
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-117.76092,%22y%22:33.7029,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1					
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110040977262					
Industry:	Metal Coating					

28	2 of 2	ENE	0.43 / 2,261.83	192.36 / 34	KARCHER ENVIRONMENTAL INC	PFAS IND
ORANGE COUNTY CA						
Status:	Unknown	Fac Fips Code:	06059			
Fac Indian Cntry Flg:	N	Compliance Status:	-			
Fac Derived Huc:	18070204	EPA Programs:	-			
Fac Derived Wbd:	180702040103	Federal Facility:	No			
Fac Derived Cd113:	45	Federal Agency:	-			
Fac Derived Cb2010:	060590524173014	Fac Snc Flg:	N			
Fac Informal Count:	0	AIR Flag:	N			
Last Informal Action:	-	NPDES Flag:	N			
Formal Action Count:	0	SDWIS Flag:	N			
Last Formal Action:	-	RCRAFlag:	N			
Fac Total Penalties:	0	TRI Flag:	N			
Fac Penalty Count:	-	GHG Flag:	N			
Date Last Penalty:	-	TRI IDs:	-			
Last Penalty Amt:	-	TRI Releases Trnsfrs:	-			
Fac Qtrs With Nc:	-	TRI on Site Releases:	-			
Programs With Snc:	0	TRI off Site Trnsfrs:	-			
Fac Percent Minority:	57.065	TRI Reporter:	-			
Fac Pop Den:	4465.3	Fac Imp Water Flg:	-			
Count:	1	Fac Major Flag:	-			
Fac County:	ORANGE	Fac Active Flag:	-			
State Other :		Fac Inspection Count:	0			
Region:	09	Date Last Inspection:	-			
Latitude:	33.7029	Days Last Inspection:	-			
Longitude:	-117.76092					
Fac Derived Tribes:	-					
AIR IDs:	-					
CAA Permit Types:	-					
CAA NAICS:	-					
CAA SICs:	-					
NPDES IDs:	-					
CWA Permit Types:	-					
CWA NAICS:	-					
CWA SICs:	-					
RCRA IDs:	-					
RCRA Permit Types:	-					
RCRA NAICS:	-					
SDWA IDs:	-					
SDWA System Types:	-					
SDWA Compliance Status:	-					
SDWA Snc Flag:	N					
Fac Collection Meth:	UNKNOWN					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
EJSCREEN Flag Us:		Y				
EJSCREEN Report:		https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-117.76092,%22y%22:33.7029,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1				
ECHO Facility Report:		https://echo.epa.gov/detailed-facility-report?fid=110013976590				
Industry:		Electronics Industry				

29	1 of 1	SW	0.45 / 2,399.37	138.49 / -20	RASHED ARBI 65 KAZAN ST IRVINE CA 92604	RCRA TSD
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EPA Handler ID: CAC003017558
Gen Status Universe: No Report
Contact Name: RASHED ARBI
Contact Address: 65 KAZAN ST , , IRVINE , CA, 92604 ,
Contact Phone No and Ext: 619-957-6104
Contact Email: ANAB@PWSEI.COM
Contact Country:
Land Type:
County Name: ORANGE
EPA Region: 09
Receive Date: 20190531
Location Latitude: 33.693783
Location Longitude: -117.774043

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2024, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190531
Handler Name: RASHED ARBI
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer
TSD Activity: Y

Owner/Operator Details

Owner/Operator Ind:	Current Owner	Street No:	
Type:	Other	Street 1:	65 KAZAN ST
Name:	RASHED ARBI	Street 2:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Date Became Current:				City:	IRVINE	
Date Ended Current:				State:	CA	
Phone:	619-957-6104			Country:		
Source Type:	Implementer			Zip Code:	92604	
Owner/Operator Ind:				Street No:		
Type:	Current Operator			Street 1:	65 KAZAN ST	
Name:	Other			Street 2:		
	RASHED ARBI			City:	IRVINE	
Date Became Current:				State:	CA	
Date Ended Current:				Country:		
Phone:	619-957-6104			Zip Code:	92604	
Source Type:	Implementer					

30 1 of 2 W 0.47 / 2,491.26 120.99 / -38 CA PFAS GW

Well ID:	CA3010092_055_055	SRS Latitude:	33.699167
Gm Dataset Name:	DDW	SRS Longitude:	-117.778056
Gm Data Source:	DDW	Latitude:	33.699167
Gm Well Category:	MUNICIPAL	Longitude:	-117.778056
SRS Datum:			
Gm Altwell Id1:	3010092-055		
Gm Altwell Id2:			
Gm Altwell Id3:			

Well Details

Gm Cas No:		SRC Chemical:	2801
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFBSA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorobutane sulfonic acid (PFBS)		
Gm Samp Collection Date:	01/17/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	01/17/2022		
SRC Samp Collection Time:	13:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2816
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	HFPA-DA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid (HFPO-DA)		
Gm Samp Collection Date:	01/17/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	01/17/2022		
SRC Samp Collection Time:	13:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Gm Cas No:					SRC Chemical:	2813
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	11CIPF3OUDS				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)				
Gm Samp Collection Date:		07/12/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		07/12/2022				
SRC Samp Collection Time:		11:10:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2810
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFTEDA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorotetradecanoic acid (PFTeDA)				
Gm Samp Collection Date:		04/27/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/27/2021				
SRC Samp Collection Time:		08:40:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2810
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFTEDA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorotetradecanoic acid (PFTeDA)				
Gm Samp Collection Date:		04/18/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/18/2022				
SRC Samp Collection Time:		10:25:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2818
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	NMEFOSAA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Name:		N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)				
Gm Samp Collection Date:		04/18/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/18/2022				
SRC Samp Collection Time:		10:25:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2813
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	11CIPF3OUDS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUDS)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2812
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFUNDCA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluoroundecanoic acid (PFUnDA)		
Gm Samp Collection Date:	07/12/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	07/12/2022		
SRC Samp Collection Time:	11:10:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2801
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFBSA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorobutane sulfonic acid (PFBS)		
Gm Samp Collection Date:	08/12/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	08/12/2021		
SRC Samp Collection Time:	11:05:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SRC Lab Note: ORANGE COUNTY WD - MAIN LAB

Well Details

Gm Cas No:		SRC Chemical:	2801
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFBSA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorobutane sulfonic acid (PFBS)		
Gm Samp Collection Date:	10/11/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	10/11/2021		
SRC Samp Collection Time:	11:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2805
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFOS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorooctane sulfonate (PFOS)		
Gm Samp Collection Date:	10/11/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	10/11/2021		
SRC Samp Collection Time:	11:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2816
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	HFFA-DA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid (HFPO-DA)		
Gm Samp Collection Date:	07/12/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	07/12/2022		
SRC Samp Collection Time:	11:10:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2811
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFTRIDA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorotridecanoic acid (PFTTrDA)					
Gm Samp Collection Date:	04/18/2022					
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:	04/18/2022					
SRC Samp Collection Time:	10:25:00					
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB					

Well Details

Gm Cas No:		SRC Chemical:	2815
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	ADONA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:25:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2802
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHPA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluoroheptanoic acid (PFHpA)		
Gm Samp Collection Date:	07/12/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	07/12/2022		
SRC Samp Collection Time:	11:10:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2806
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFOA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorooctanoic acid (PFOA)		
Gm Samp Collection Date:	04/27/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SRC Samp Collection Date:		04/27/2021				
SRC Samp Collection Time:		08:40:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2811
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFTRIDA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorotridecanoic acid (PFTTrDA)		
Gm Samp Collection Date:	04/27/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/27/2021		
SRC Samp Collection Time:	08:40:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2804
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFNA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorononanoic acid (PFNA)		
Gm Samp Collection Date:	01/17/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	01/17/2022		
SRC Samp Collection Time:	13:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2802
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHPA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluoroheptanoic acid (PFHpA)		
Gm Samp Collection Date:	01/17/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	01/17/2022		
SRC Samp Collection Time:	13:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Gm Cas No:					SRC Chemical:	2814
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	9CIPF3ONS				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)				
Gm Samp Collection Date:		10/11/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		10/11/2021				
SRC Samp Collection Time:		11:30:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2812
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFUNDCA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluoroundecanoic acid (PFUnDA)				
Gm Samp Collection Date:		04/18/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/18/2022				
SRC Samp Collection Time:		10:25:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2803
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHXSA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorohexanesulfonic acid (PFHxS)				
Gm Samp Collection Date:		04/18/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/18/2022				
SRC Samp Collection Time:		10:30:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2804
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFNA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Name:		Perfluorononanoic acid (PFNA)				
Gm Samp Collection Date:		04/18/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/18/2022				
SRC Samp Collection Time:		10:30:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2811
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFTRIDA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorotridecanoic acid (PFTrDA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2806
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFOA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorooctanoic acid (PFOA)		
Gm Samp Collection Date:	08/12/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	08/12/2021		
SRC Samp Collection Time:	11:05:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2811
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFTRIDA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorotridecanoic acid (PFTrDA)		
Gm Samp Collection Date:	08/12/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	08/12/2021		
SRC Samp Collection Time:	11:05:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SRC Lab Note: ORANGE COUNTY WD - MAIN LAB

Well Details

Gm Cas No:		SRC Chemical:	2812
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFUNDCA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluoroundecanoic acid (PFUnDA)		
Gm Samp Collection Date:	01/17/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	01/17/2022		
SRC Samp Collection Time:	13:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2802
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHPA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluoroheptanoic acid (PFHpA)		
Gm Samp Collection Date:	04/27/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/27/2021		
SRC Samp Collection Time:	08:40:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2804
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFNA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorononanoic acid (PFNA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:25:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2805
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFOS				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorooctane sulfonate (PFOS)					
Gm Samp Collection Date:	08/12/2021					
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:	08/12/2021					
SRC Samp Collection Time:	11:05:00					
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB					

Well Details

Gm Cas No:		SRC Chemical:	2818
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	NMEFOSAA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid (NMEFOSAA)		
Gm Samp Collection Date:	08/12/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	08/12/2021		
SRC Samp Collection Time:	11:05:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2804
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFNA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorononanoic acid (PFNA)		
Gm Samp Collection Date:	10/11/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	10/11/2021		
SRC Samp Collection Time:	11:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2807
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFNDCA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorodecanoic acid (PFDA)		
Gm Samp Collection Date:	07/12/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SRC Samp Collection Date:		07/12/2022				
SRC Samp Collection Time:		11:10:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2815
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	ADONA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)		
Gm Samp Collection Date:	07/12/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	07/12/2022		
SRC Samp Collection Time:	11:10:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2817
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	NETFOSAA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid (NEIFOSAA)		
Gm Samp Collection Date:	10/11/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	10/11/2021		
SRC Samp Collection Time:	11:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2801
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFBSA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorobutane sulfonic acid (PFBS)		
Gm Samp Collection Date:	04/27/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/27/2021		
SRC Samp Collection Time:	08:40:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Gm Cas No:					SRC Chemical:	2810
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFTEDA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorotetradecanoic acid (PFTeDA)				
Gm Samp Collection Date:		08/12/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		08/12/2021				
SRC Samp Collection Time:		11:05:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2814
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	9CIPF3ONS				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)				
Gm Samp Collection Date:		07/12/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		07/12/2022				
SRC Samp Collection Time:		11:10:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2807
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFNDCA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorodecanoic acid (PFDA)				
Gm Samp Collection Date:		01/17/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		01/17/2022				
SRC Samp Collection Time:		13:00:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2801
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFBSA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Name:		Perfluorobutane sulfonic acid (PFBS)				
Gm Samp Collection Date:		04/18/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/18/2022				
SRC Samp Collection Time:		10:25:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2816
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	HFPDA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid (HFPO-DA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:25:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2803
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHXS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorohexanesulfonic acid (PFHxS)		
Gm Samp Collection Date:	04/27/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/27/2021		
SRC Samp Collection Time:	08:40:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2803
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHXS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorohexanesulfonic acid (PFHxS)		
Gm Samp Collection Date:	10/11/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	10/11/2021		
SRC Samp Collection Time:	11:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SRC Lab Note: ORANGE COUNTY WD - MAIN LAB

Well Details

Gm Cas No:		SRC Chemical:	2809
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorohexanoic acid (PFHxA)		
Gm Samp Collection Date:	10/11/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	10/11/2021		
SRC Samp Collection Time:	11:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2809
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorohexanoic acid (PFHxA)		
Gm Samp Collection Date:	04/27/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/27/2021		
SRC Samp Collection Time:	08:40:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2813
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	11CIPF3OUDS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUDS)		
Gm Samp Collection Date:	04/27/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/27/2021		
SRC Samp Collection Time:	08:40:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2810
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFTEDA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorotetradecanoic acid (PFTeDA)					
Gm Samp Collection Date:	01/17/2022					
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:	01/17/2022					
SRC Samp Collection Time:	13:00:00					
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB					

Well Details

Gm Cas No:		SRC Chemical:	2809
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorohexanoic acid (PFHxA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:25:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2818
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	NMEFOSAA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2806
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFOA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorooctanoic acid (PFOA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SRC Samp Collection Date:		04/18/2022				
SRC Samp Collection Time:		10:30:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2803
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHXSA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorohexanesulfonic acid (PFHxS)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:25:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2807
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFNDCA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorodecanoic acid (PFDA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:25:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2802
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHPA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluoroheptanoic acid (PFHpA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Gm Cas No:					SRC Chemical:	2805
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFOS				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorooctane sulfonate (PFOS)				
Gm Samp Collection Date:		04/27/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/27/2021				
SRC Samp Collection Time:		08:40:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2803
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHxSA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorohexanesulfonic acid (PFHxS)				
Gm Samp Collection Date:		01/17/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		01/17/2022				
SRC Samp Collection Time:		13:00:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2809
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorohexanoic acid (PFHxA)				
Gm Samp Collection Date:		01/17/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		01/17/2022				
SRC Samp Collection Time:		13:00:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2817
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	NETFOSAA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Name:		N-Ethyl perfluorooctane sulfonamidoacetic acid (NETFOSAA)				
Gm Samp Collection Date:		07/12/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		07/12/2022				
SRC Samp Collection Time:		11:10:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2810
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFTEDA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorotetradecanoic acid (PFTeDA)		
Gm Samp Collection Date:	10/11/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	10/11/2021		
SRC Samp Collection Time:	11:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2805
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFOS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorooctane sulfonate (PFOS)		
Gm Samp Collection Date:	01/17/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	01/17/2022		
SRC Samp Collection Time:	13:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2817
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	NETFOSAA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid (NETFOSAA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SRC Lab Note: ORANGE COUNTY WD - MAIN LAB

Well Details

Gm Cas No:		SRC Chemical:	2815
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	ADONA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2808
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFD OA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorododecanoic acid (PFD OA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:25:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2817
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	NETFOSAA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid (NETFOSAA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:25:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2806
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFOA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorooctanoic acid (PFOA)				
Gm Samp Collection Date:		01/17/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		01/17/2022				
SRC Samp Collection Time:		13:00:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2809
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorohexanoic acid (PFHxA)				
Gm Samp Collection Date:		07/12/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		07/12/2022				
SRC Samp Collection Time:		11:10:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2812
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFUNDCA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluoroundecanoic acid (PFUnDA)				
Gm Samp Collection Date:		04/27/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/27/2021				
SRC Samp Collection Time:		08:40:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2810
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFTEDA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorotetradecanoic acid (PFTeDA)				
Gm Samp Collection Date:		04/18/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SRC Samp Collection Date:		04/18/2022				
SRC Samp Collection Time:		10:30:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2815
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	ADONA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)		
Gm Samp Collection Date:	01/17/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	01/17/2022		
SRC Samp Collection Time:	13:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2813
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	11CIPF3OUDS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)		
Gm Samp Collection Date:	10/11/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	10/11/2021		
SRC Samp Collection Time:	11:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2811
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFTRIDA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorotridecanoic acid (PFTrDA)		
Gm Samp Collection Date:	07/12/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	07/12/2022		
SRC Samp Collection Time:	11:10:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Gm Cas No:					SRC Chemical:	2816
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	HFA-DA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid (HFPO-DA)				
Gm Samp Collection Date:		10/11/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		10/11/2021				
SRC Samp Collection Time:		11:30:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2818
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	NMEFOSAA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)				
Gm Samp Collection Date:		10/11/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		10/11/2021				
SRC Samp Collection Time:		11:30:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2815
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	ADONA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		4,8-Dioxa-3H-perfluorononanoic acid (ADONA)				
Gm Samp Collection Date:		10/11/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		10/11/2021				
SRC Samp Collection Time:		11:30:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2802
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHPA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Name:		Perfluoroheptanoic acid (PFHpA)				
Gm Samp Collection Date:		04/18/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/18/2022				
SRC Samp Collection Time:		10:25:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2803
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHXSA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorohexanesulfonic acid (PFHxS)		
Gm Samp Collection Date:	08/12/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	08/12/2021		
SRC Samp Collection Time:	11:05:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2813
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	11CIPF3OUDS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUDS)		
Gm Samp Collection Date:	08/12/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	08/12/2021		
SRC Samp Collection Time:	11:05:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2810
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFTEDA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorotetradecanoic acid (PFTeDA)		
Gm Samp Collection Date:	07/12/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	07/12/2022		
SRC Samp Collection Time:	11:10:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SRC Lab Note: ORANGE COUNTY WD - MAIN LAB

Well Details

Gm Cas No:		SRC Chemical:	2808
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFD OA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorododecanoic acid (PFD OA)		
Gm Samp Collection Date:	08/12/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	08/12/2021		
SRC Samp Collection Time:	11:05:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2803
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHXSA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorohexanesulfonic acid (PFHxS)		
Gm Samp Collection Date:	07/12/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	07/12/2022		
SRC Samp Collection Time:	11:10:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2817
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	NETFOSAA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid (NEtFOSAA)		
Gm Samp Collection Date:	04/27/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/27/2021		
SRC Samp Collection Time:	08:40:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2812
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFUNDA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:	Perfluoroundecanoic acid (PFUnDA)					
Gm Samp Collection Date:	08/12/2021					
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:	08/12/2021					
SRC Samp Collection Time:	11:05:00					
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB					

Well Details

Gm Cas No:		SRC Chemical:	2807
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFNDCA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorodecanoic acid (PFDA)		
Gm Samp Collection Date:	10/11/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	10/11/2021		
SRC Samp Collection Time:	11:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2808
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFDOA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorododecanoic acid (PFDoDA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2813
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	11ClPF3OUDS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUDS)		
Gm Samp Collection Date:	01/17/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SRC Samp Collection Date:		01/17/2022				
SRC Samp Collection Time:		13:00:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2814
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	9CIPF3ONS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2802
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHPA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluoroheptanoic acid (PFHpA)		
Gm Samp Collection Date:	08/12/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	08/12/2021		
SRC Samp Collection Time:	11:05:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2814
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	9CIPF3ONS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:25:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Gm Cas No:					SRC Chemical:	2805
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFOS				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorooctane sulfonate (PFOS)				
Gm Samp Collection Date:		04/18/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/18/2022				
SRC Samp Collection Time:		10:30:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2801
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFBSA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorobutane sulfonic acid (PFBS)				
Gm Samp Collection Date:		07/12/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		07/12/2022				
SRC Samp Collection Time:		11:10:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2815
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	ADONA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		4,8-Dioxa-3H-perfluorononanoic acid (ADONA)				
Gm Samp Collection Date:		04/27/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/27/2021				
SRC Samp Collection Time:		08:40:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2813
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	11CIPF3OUDS				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Name:		11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11-Cl-PF3OUdS)				
Gm Samp Collection Date:		04/18/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/18/2022				
SRC Samp Collection Time:		10:25:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2807
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFNDCA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorodecanoic acid (PFDA)		
Gm Samp Collection Date:	08/12/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	08/12/2021		
SRC Samp Collection Time:	11:05:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2816
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	HFFA-DA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid (HFPO-DA)		
Gm Samp Collection Date:	08/12/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	08/12/2021		
SRC Samp Collection Time:	11:05:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2804
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFNA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorononanoic acid (PFNA)		
Gm Samp Collection Date:	04/27/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/27/2021		
SRC Samp Collection Time:	08:40:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SRC Lab Note: ORANGE COUNTY WD - MAIN LAB

Well Details

Gm Cas No:		SRC Chemical:	2817
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	NETFOSAA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid (NETFOSAA)		
Gm Samp Collection Date:	08/12/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	08/12/2021		
SRC Samp Collection Time:	11:05:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2804
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFNA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorononanoic acid (PFNA)		
Gm Samp Collection Date:	07/12/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	07/12/2022		
SRC Samp Collection Time:	11:10:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2808
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFDOA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorododecanoic acid (PFDoDA)		
Gm Samp Collection Date:	07/12/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	07/12/2022		
SRC Samp Collection Time:	11:10:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2815
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	ADONA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		4,8-Dioxa-3H-perfluorononanoic acid (ADONA)				
Gm Samp Collection Date:		08/12/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		08/12/2021				
SRC Samp Collection Time:		11:05:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2814
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	9CIPF3ONS				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)				
Gm Samp Collection Date:		01/17/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		01/17/2022				
SRC Samp Collection Time:		13:00:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2811
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFTRIDA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorotridecanoic acid (PFTTrDA)				
Gm Samp Collection Date:		10/11/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		10/11/2021				
SRC Samp Collection Time:		11:30:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2809
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorohexanoic acid (PFHxA)				
Gm Samp Collection Date:		08/12/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SRC Samp Collection Date:		08/12/2021				
SRC Samp Collection Time:		11:05:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2816
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	HFA-DA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid (HFPO-DA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2809
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorohexanoic acid (PFHxA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2801
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFBSA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorobutane sulfonic acid (PFBS)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Gm Cas No:					SRC Chemical:	2807
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFNDCA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorodecanoic acid (PFDA)				
Gm Samp Collection Date:		04/27/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/27/2021				
SRC Samp Collection Time:		08:40:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2811
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFTIDA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorotridecanoic acid (PFTIDA)				
Gm Samp Collection Date:		01/17/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		01/17/2022				
SRC Samp Collection Time:		13:00:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2807
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFNDCA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorodecanoic acid (PFDA)				
Gm Samp Collection Date:		04/18/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/18/2022				
SRC Samp Collection Time:		10:30:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2816
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	HFA-DA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	
Gm Well Depth Ft:					SRC Well Depth Ft:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Name:		2,3,3,3-tetrafluoro-2-(1,1,2,2,3,3,3-heptafluoropropoxy) propanoic acid (HFPO-DA)				
Gm Samp Collection Date:		04/27/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/27/2021				
SRC Samp Collection Time:		08:40:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2812
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFUNDA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluoroundecanoic acid (PFUnDA)		
Gm Samp Collection Date:	10/11/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	10/11/2021		
SRC Samp Collection Time:	11:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2808
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFDOA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorododecanoic acid (PFDoDA)		
Gm Samp Collection Date:	04/27/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/27/2021		
SRC Samp Collection Time:	08:40:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2808
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFDOA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorododecanoic acid (PFDoDA)		
Gm Samp Collection Date:	01/17/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	01/17/2022		
SRC Samp Collection Time:	13:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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SRC Lab Note: ORANGE COUNTY WD - MAIN LAB

Well Details

Gm Cas No:		SRC Chemical:	2814
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	9CIPF3ONS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)		
Gm Samp Collection Date:	08/12/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	08/12/2021		
SRC Samp Collection Time:	11:05:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2814
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	9CIPF3ONS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9-Cl-PF3ONS)		
Gm Samp Collection Date:	04/27/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/27/2021		
SRC Samp Collection Time:	08:40:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2805
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFOS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorooctane sulfonate (PFOS)		
Gm Samp Collection Date:	07/12/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	07/12/2022		
SRC Samp Collection Time:	11:10:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2818
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	NMEFOSAA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)					
Gm Samp Collection Date:	07/12/2022					
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:	07/12/2022					
SRC Samp Collection Time:	11:10:00					
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB					

Well Details

Gm Cas No:		SRC Chemical:	2802
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFHPA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluoroheptanoic acid (PFHpA)		
Gm Samp Collection Date:	10/11/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	10/11/2021		
SRC Samp Collection Time:	11:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2817
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	NETFOSAA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	N-Ethyl perfluorooctane sulfonamidoacetic acid (NEFOSAA)		
Gm Samp Collection Date:	01/17/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	01/17/2022		
SRC Samp Collection Time:	13:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2806
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFOA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorooctanoic acid (PFOA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
SRC Samp Collection Date:		04/18/2022				
SRC Samp Collection Time:		10:25:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2804
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFNA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorononanoic acid (PFNA)		
Gm Samp Collection Date:	08/12/2021		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	08/12/2021		
SRC Samp Collection Time:	11:05:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2818
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	NMEFOSAA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)		
Gm Samp Collection Date:	01/17/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	01/17/2022		
SRC Samp Collection Time:	13:00:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Gm Cas No:		SRC Chemical:	2812
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifie:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFUNDCA	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluoroundecanoic acid (PFUnDA)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:30:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

Well Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Gm Cas No:					SRC Chemical:	2806
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFOA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorooctanoic acid (PFOA)				
Gm Samp Collection Date:		07/12/2022				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		07/12/2022				
SRC Samp Collection Time:		11:10:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2818
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	NMEFOSAA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		N-Methyl perfluorooctane sulfonamidoacetic acid (NMeFOSAA)				
Gm Samp Collection Date:		04/27/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		04/27/2021				
SRC Samp Collection Time:		08:40:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2806
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFOA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	
Gm Chemical Name:		Perfluorooctanoic acid (PFOA)				
Gm Samp Collection Date:		10/11/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		10/11/2021				
SRC Samp Collection Time:		11:30:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:					SRC Chemical:	2808
Gm Result:	2				SRC Result:	
Gm Result Modifier:	<				SRC Result Modifie:	Y
Gm Chemical Units:	NG/L				Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFDOA				SRC Report Limit:	2
Gm Reporting Limit:	2				SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:					SRC Well Depth Ft:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Gm Chemical Name:		Perfluorododecanoic acid (PFDoDA)				
Gm Samp Collection Date:		10/11/2021				
Gm Screen Top Depth Ft:						
Gm Screen Bottom Depth Ft:						
SRC Samp Collection Date:		10/11/2021				
SRC Samp Collection Time:		11:30:00				
SRC Screen Top Depth Ft:						
SRC Screen Bottom Depth Ft:						
SRC Lab Note:		ORANGE COUNTY WD - MAIN LAB				

Well Details

Gm Cas No:		SRC Chemical:	2805
Gm Result:	2	SRC Result:	
Gm Result Modifier:	<	SRC Result Modifier:	Y
Gm Chemical Units:	NG/L	Src Chemical Units:	NG/L
Gm Chemical Vvl:	PFOS	SRC Report Limit:	2
Gm Reporting Limit:	2	SRC Analytic Meth:	EPA 537.1
Gm Well Depth Ft:		SRC Well Depth Ft:	
Gm Chemical Name:	Perfluorooctane sulfonate (PFOS)		
Gm Samp Collection Date:	04/18/2022		
Gm Screen Top Depth Ft:			
Gm Screen Bottom Depth Ft:			
SRC Samp Collection Date:	04/18/2022		
SRC Samp Collection Time:	10:25:00		
SRC Screen Top Depth Ft:			
SRC Screen Bottom Depth Ft:			
SRC Lab Note:	ORANGE COUNTY WD - MAIN LAB		

30 2 of 2 W 0.47 / 2,491.26 120.99 / -38 WELL 76 IRVINE CA PFAS SAMPLING

Global ID:	W0603010092	Latitude:	33.699167
Location ID:	CA3010092_055_055	Longitude:	-117.778056
Field Pt Class:	PUBW		
Site Use:	Drinking Water Wells		
Site Type:	DDW Well		
Facility Type:			
Status:			

PFAS Chemicals

Sample ID:		Reporting Limit:	
Matrix:	Liquid	Detection Limit:	
Chemical:	11CIPF3OUDS	QRAA:	
Qualifier:	<	Units:	NG/L
Value :	2	Date:	8/12/2021
Lab Notes:			
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			
Treated Drinking Water Reporti:			
Treatd Drinking Water Sample:			
Treated Drinking Water Units:			
Treated Drinking Water Value:			

Sample ID:		Reporting Limit:	
Matrix:	Liquid	Detection Limit:	
Chemical:	PFUNDCA	QRAA:	
Qualifier:	<	Units:	NG/L
Value :	2	Date:	4/27/2021
Lab Notes:			
Regional Board:			
Treated Drinking Water Dt:			
Treated Drinking Water Qualifi:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Sample ID: Matrix: Liquid Chemical: PFBSA Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: 7/14/2022 Treated Drinking Water Qualifi: < Treated Drinking Water Reporti: Treatd Drinking Water Sample: CA3010092_060_060 Treated Drinking Water Units: NG/L Treated Drinking Water Value: 2						
Reporting Limit: Detection Limit: QRAA: 2 Units: NG/L Date: 7/12/2022						
Sample ID: Matrix: Liquid Chemical: PFOA Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: 4/18/2022 Treated Drinking Water Qualifi: < Treated Drinking Water Reporti: Treatd Drinking Water Sample: CA3010092_060_060 Treated Drinking Water Units: NG/L Treated Drinking Water Value: 2						
Reporting Limit: Detection Limit: QRAA: 0 Units: NG/L Date: 4/18/2022						
Sample ID: Matrix: Liquid Chemical: ADONA Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Reporting Limit: Detection Limit: QRAA: Units: NG/L Date: 8/12/2021						
Sample ID: Matrix: Liquid Chemical: PFTRIDA Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Reporting Limit: Detection Limit: QRAA: Units: NG/L Date: 4/27/2021						
Sample ID: Matrix: Liquid Chemical: PFUNDCA Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt:						
Reporting Limit: Detection Limit: QRAA: Units: NG/L Date: 1/17/2022						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Sample ID: Matrix: Liquid Chemical: PFHA Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: 7/14/2022 Treated Drinking Water Qualifi: < Treated Drinking Water Reporti: Treatd Drinking Water Sample: CA3010092_060_060 Treated Drinking Water Units: NG/L Treated Drinking Water Value: 2						
Reporting Limit: Detection Limit: QRAA: Units: NG/L Date: 7/12/2022						
Sample ID: Matrix: Liquid Chemical: PFTEDA Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Reporting Limit: Detection Limit: QRAA: Units: NG/L Date: 8/12/2021						
Sample ID: Matrix: Liquid Chemical: PFHPA Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Reporting Limit: Detection Limit: QRAA: Units: NG/L Date: 4/27/2021						
Sample ID: Matrix: Liquid Chemical: PFUNDCA Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: 4/18/2022 Treated Drinking Water Qualifi: < Treated Drinking Water Reporti: Treatd Drinking Water Sample: CA3010092_060_060 Treated Drinking Water Units: NG/L Treated Drinking Water Value: 2						
Reporting Limit: Detection Limit: QRAA: Units: NG/L Date: 4/18/2022						
Sample ID: Matrix: Liquid Chemical: 9CIPF3ONS Qualifier: < Value : 2 Lab Notes: Regional Board:						
Reporting Limit: Detection Limit: QRAA: Units: NG/L Date: 4/27/2021						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix: Liquid				Detection Limit:		
Chemical: 9CIPF3ONS				QRAA:		
Qualifier: <				Units: NG/L		
Value : 2				Date: 8/12/2021		
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix: Liquid				Detection Limit:		
Chemical: PFOA				QRAA: 0		
Qualifier: <				Units: NG/L		
Value : 2				Date: 4/27/2021		
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix: Liquid				Detection Limit:		
Chemical: PFTRIDA				QRAA:		
Qualifier: <				Units: NG/L		
Value : 2				Date: 8/12/2021		
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix: Liquid				Detection Limit:		
Chemical: PFOA				QRAA: 0		
Qualifier: <				Units: NG/L		
Value : 2				Date: 1/17/2022		
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix: Liquid				Detection Limit:		
Chemical: PFUNDCA				QRAA:		
Qualifier: <				Units: NG/L		
Value : 2				Date: 8/12/2021		
Lab Notes:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	PFOS				Detection Limit:	
Qualifier:	<				QRAA:	0
Value :	2				Units:	NG/L
Lab Notes:					Date:	10/11/2021
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	11CIPF3OUDS				Detection Limit:	
Qualifier:	<				QRAA:	NG/L
Value :	2				Units:	NG/L
Lab Notes:					Date:	4/27/2021
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	11CIPF3OUDS				Detection Limit:	
Qualifier:	<				QRAA:	NG/L
Value :	2				Units:	NG/L
Lab Notes:					Date:	7/12/2022
Regional Board:						
Treated Drinking Water Dt:		7/14/2022				
Treated Drinking Water Qualifi:		<				
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:		CA3010092_060_060				
Treated Drinking Water Units:		NG/L				
Treated Drinking Water Value:		2				
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	ADONA				Detection Limit:	
Qualifier:	<				QRAA:	NG/L
Value :	2				Units:	NG/L
Lab Notes:					Date:	4/18/2022
Regional Board:						
Treated Drinking Water Dt:		4/18/2022				
Treated Drinking Water Qualifi:		<				
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:		CA3010092_060_060				
Treated Drinking Water Units:		NG/L				
Treated Drinking Water Value:		2				
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	PFHXSA				Detection Limit:	
Qualifier:	<				QRAA:	0
Value :	2				Units:	NG/L
Lab Notes:					Date:	10/11/2021

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Lab Notes: Regional Board: Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Sample ID: Matrix: Liquid Chemical: PFOS Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:				Reporting Limit: Detection Limit: QRAA: 0 Units: NG/L Date: 1/17/2022		
Sample ID: Matrix: Liquid Chemical: HFPA-DA Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: 7/14/2022 Treated Drinking Water Qualifi: < Treated Drinking Water Reporti: Treatd Drinking Water Sample: CA3010092_060_060 Treated Drinking Water Units: NG/L Treated Drinking Water Value: 2				Reporting Limit: Detection Limit: QRAA: Units: NG/L Date: 7/12/2022		
Sample ID: Matrix: Liquid Chemical: PFHXSA Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: 4/18/2022 Treated Drinking Water Qualifi: < Treated Drinking Water Reporti: Treatd Drinking Water Sample: CA3010092_060_060 Treated Drinking Water Units: NG/L Treated Drinking Water Value: 2				Reporting Limit: Detection Limit: QRAA: 0 Units: NG/L Date: 4/18/2022		
Sample ID: Matrix: Liquid Chemical: PFOS Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:				Reporting Limit: Detection Limit: QRAA: 0 Units: NG/L Date: 4/27/2021		
Sample ID: Matrix: Liquid Chemical: PFOA Qualifier: <				Reporting Limit: Detection Limit: QRAA: 0 Units: NG/L		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Value :	2			Date:	8/12/2021	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	PFDOA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	1/17/2022	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	PFTRIDA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	4/18/2022	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	4/18/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	PFTEDA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	7/12/2022	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	7/14/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	PFNA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	1/17/2022	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	HFPDA			QRAA:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	1/17/2022	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	NETFOSAA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	10/11/2021	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	PFNDCA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	4/18/2022	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	4/18/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	ADONA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	4/27/2021	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	PFNDCA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	10/11/2021	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Chemical:	PFHA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	4/18/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	4/18/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	11CIPF3OUDS				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	10/11/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFBSA				QRAA:	2
Qualifier:	<				Units:	NG/L
Value :	2				Date:	4/27/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	NMEFOSAA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	4/18/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	4/18/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	NETFOSAA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	4/18/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	4/18/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:					Reporting Limit:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Matrix:	Liquid				Detection Limit:	
Chemical:	PFBSA				QRAA:	2
Qualifier:	<				Units:	NG/L
Value :	2				Date:	10/11/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFHA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	1/17/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFBSA				QRAA:	2
Qualifier:	<				Units:	NG/L
Value :	2				Date:	4/18/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:		4/18/2022				
Treated Drinking Water Qualifi:		<				
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:		CA3010092_060_060				
Treated Drinking Water Units:		NG/L				
Treated Drinking Water Value:		2				
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFHXA				QRAA:	0
Qualifier:	<				Units:	NG/L
Value :	2				Date:	1/17/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFTRIDA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	1/17/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFHXSA				QRAA:	0
Qualifier:	<				Units:	NG/L
Value :	2				Date:	7/12/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	7/14/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	NETFOSAA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	8/12/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFHPA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	10/11/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFNDCA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	8/12/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFOA				QRAA:	0
Qualifier:	<				Units:	NG/L
Value :	2				Date:	7/12/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	7/14/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFNA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	4/27/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFD OA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	7/12/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	7/14/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFOS				QRAA:	0
Qualifier:	<				Units:	NG/L
Value :	2				Date:	7/12/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	7/14/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFNDCA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	4/27/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFTRIDA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	10/11/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFHPA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	1/17/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	9CIPF3ONS				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	1/17/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	NMEFOSAA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	10/11/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFTEDA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	4/27/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFUNDCA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	7/12/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	7/14/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Treated Drinking Water Units:		NG/L				
Treated Drinking Water Value:		2				
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	11CIPF3OUDS				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	1/17/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	ADONA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	10/11/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	NMEFOSAA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	1/17/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFNA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	7/12/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	7/14/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFDOA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	4/27/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	PFOS				Detection Limit:	
Qualifier:	<				QRAA:	0
Value :	2				Units:	NG/L
Lab Notes:					Date:	8/12/2021
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	ADONA				Detection Limit:	
Qualifier:	<				QRAA:	
Value :	2				Units:	NG/L
Lab Notes:					Date:	7/12/2022
Regional Board:						
Treated Drinking Water Dt:		7/14/2022				
Treated Drinking Water Qualifi:		<				
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:		CA3010092_060_060				
Treated Drinking Water Units:		NG/L				
Treated Drinking Water Value:		2				
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	PFBSA				Detection Limit:	
Qualifier:	<				QRAA:	2
Value :	2				Units:	NG/L
Lab Notes:					Date:	8/12/2021
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	PFBSA				Detection Limit:	
Qualifier:	<				QRAA:	2
Value :	2				Units:	NG/L
Lab Notes:					Date:	1/17/2022
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	PFHPA				Detection Limit:	
Qualifier:	<				QRAA:	
Value :	2				Units:	NG/L
Lab Notes:					Date:	4/18/2022
Regional Board:						
Treated Drinking Water Dt:		4/18/2022				
Treated Drinking Water Qualifi:		<				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:		CA3010092_060_060				
Treated Drinking Water Units:		NG/L				
Treated Drinking Water Value:		2				
Sample ID:						
Matrix:		Liquid		Reporting Limit:		
Chemical:		11CIPF3OUDS		Detection Limit:		
Qualifier:		<		QRAA:		
Value :		2		Units:		NG/L
Lab Notes:				Date:		4/18/2022
Regional Board:						
Treated Drinking Water Dt:		4/18/2022				
Treated Drinking Water Qualifi:		<				
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:		CA3010092_060_060				
Treated Drinking Water Units:		NG/L				
Treated Drinking Water Value:		2				
Sample ID:						
Matrix:		Liquid		Reporting Limit:		
Chemical:		PFDOA		Detection Limit:		
Qualifier:		<		QRAA:		
Value :		2		Units:		NG/L
Lab Notes:				Date:		10/11/2021
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:						
Matrix:		Liquid		Reporting Limit:		
Chemical:		PFHA		Detection Limit:		
Qualifier:		<		QRAA:		
Value :		2		Units:		NG/L
Lab Notes:				Date:		4/27/2021
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:						
Matrix:		Liquid		Reporting Limit:		
Chemical:		9CIPF3ONS		Detection Limit:		
Qualifier:		<		QRAA:		
Value :		2		Units:		NG/L
Lab Notes:				Date:		10/11/2021
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:						
Matrix:		Liquid		Reporting Limit:		
Chemical:		PFOS		Detection Limit:		
Qualifier:		<		QRAA:		
Value :		2		Units:		0
Lab Notes:				Date:		NG/L
Regional Board:						
Treated Drinking Water Dt:		4/18/2022				

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFTEDA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	10/11/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFNDCA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	7/12/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	7/14/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFNDCA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	1/17/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFNA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	8/12/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	NETFOSAA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	1/17/2022
Lab Notes:						
Regional Board:						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Sample ID: Matrix: Liquid Chemical: PFTEDA Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Reporting Limit: Detection Limit: QRAA: Units: NG/L Date: 1/17/2022						
Sample ID: Matrix: Liquid Chemical: HFPA-DA Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: 4/18/2022 Treated Drinking Water Qualifi: < Treated Drinking Water Reporti: Treatd Drinking Water Sample: CA3010092_060_060 Treated Drinking Water Units: NG/L Treated Drinking Water Value: 2						
Reporting Limit: Detection Limit: QRAA: Units: NG/L Date: 4/18/2022						
Sample ID: Matrix: Liquid Chemical: 9CIPF3ONS Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: 7/14/2022 Treated Drinking Water Qualifi: < Treated Drinking Water Reporti: Treatd Drinking Water Sample: CA3010092_060_060 Treated Drinking Water Units: NG/L Treated Drinking Water Value: 2						
Reporting Limit: Detection Limit: QRAA: Units: NG/L Date: 7/12/2022						
Sample ID: Matrix: Liquid Chemical: PFDOA Qualifier: < Value : 2 Lab Notes: Regional Board: Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Reporting Limit: Detection Limit: QRAA: Units: NG/L Date: 8/12/2021						
Sample ID: Matrix: Liquid Chemical: PFHXSA Qualifier: < Value : 2 Lab Notes:						
Reporting Limit: Detection Limit: QRAA: 0 Units: NG/L Date: 4/27/2021						

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	PFHPA				Detection Limit:	
Qualifier:	<				QRAA:	
Value :	2				Units:	NG/L
Lab Notes:					Date:	7/12/2022
Regional Board:						
Treated Drinking Water Dt:		7/14/2022				
Treated Drinking Water Qualifi:		<				
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:		CA3010092_060_060				
Treated Drinking Water Units:		NG/L				
Treated Drinking Water Value:		2				
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	PFHA				Detection Limit:	
Qualifier:	<				QRAA:	
Value :	2				Units:	NG/L
Lab Notes:					Date:	10/11/2021
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	NETFOSAA				Detection Limit:	
Qualifier:	<				QRAA:	
Value :	2				Units:	NG/L
Lab Notes:					Date:	4/27/2021
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	PFTRIDA				Detection Limit:	
Qualifier:	<				QRAA:	
Value :	2				Units:	NG/L
Lab Notes:					Date:	7/12/2022
Regional Board:						
Treated Drinking Water Dt:		7/14/2022				
Treated Drinking Water Qualifi:		<				
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:		CA3010092_060_060				
Treated Drinking Water Units:		NG/L				
Treated Drinking Water Value:		2				
Sample ID:						
Matrix:	Liquid				Reporting Limit:	
Chemical:	PFHXSA				Detection Limit:	
Qualifier:	<				QRAA:	0
Value :	2				Units:	NG/L
Lab Notes:					Date:	8/12/2021

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Lab Notes: Regional Board: Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	PFHA			QRAA:		
Qualifier:	<			Units:		NG/L
Value :	2			Date:		8/12/2021
Lab Notes: Regional Board: Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	HFPA-DA			QRAA:		
Qualifier:	<			Units:		NG/L
Value :	2			Date:		10/11/2021
Lab Notes: Regional Board: Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	NMEFOSAA			QRAA:		
Qualifier:	<			Units:		NG/L
Value :	2			Date:		4/27/2021
Lab Notes: Regional Board: Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	PFOA			QRAA:		0
Qualifier:	<			Units:		NG/L
Value :	2			Date:		10/11/2021
Lab Notes: Regional Board: Treated Drinking Water Dt: Treated Drinking Water Qualifi: Treated Drinking Water Reporti: Treatd Drinking Water Sample: Treated Drinking Water Units: Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	PFTEDA			QRAA:		
Qualifier:	<			Units:		NG/L

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Value :	2			Date:	4/18/2022	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	4/18/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	PFHPA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	8/12/2021	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	HFA-DA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	4/27/2021	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	PFNA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	10/11/2021	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	PFUNDCA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	10/11/2021	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	PFDOA			QRAA:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	4/18/2022	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	4/18/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	NETFOSAA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	7/12/2022	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	7/14/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	NMEFOSAA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	7/12/2022	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	7/14/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	HFPA-DA			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	8/12/2021	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		
Chemical:	9CIPF3ONS			QRAA:		
Qualifier:	<			Units:	NG/L	
Value :	2			Date:	4/18/2022	
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	4/18/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					
Sample ID:				Reporting Limit:		
Matrix:	Liquid			Detection Limit:		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Chemical:	ADONA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	1/17/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	NMEFOSAA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	8/12/2021
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:						
Treated Drinking Water Qualifi:						
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:						
Treated Drinking Water Units:						
Treated Drinking Water Value:						
Sample ID:					Reporting Limit:	
Matrix:	Liquid				Detection Limit:	
Chemical:	PFNA				QRAA:	
Qualifier:	<				Units:	NG/L
Value :	2				Date:	4/18/2022
Lab Notes:						
Regional Board:						
Treated Drinking Water Dt:	4/18/2022					
Treated Drinking Water Qualifi:	<					
Treated Drinking Water Reporti:						
Treatd Drinking Water Sample:	CA3010092_060_060					
Treated Drinking Water Units:	NG/L					
Treated Drinking Water Value:	2					

31	1 of 1	W	0.49 / 2,583.75	119.37 / -39	OR. CO. FIRE STATION #26-57/58 4691 WALNUT AVE IRVINE CA 92714	LUST
Global ID:	T0605901530				Census Tract:	6059052526
Site Facility Type:					Census Tract (SRCH):	6059052526
Status:	Completed - Case Closed				Oil Field (SRCH):	
Status Date (DL):	4/28/1993				Oil Field Oper (SRCH):	
Cleanup Status:					Latitude:	
Case Type (DL):	LUST Cleanup Site				Longitude:	
RWQCB Region (DL):	SANTA ANA RWQCB (REGION 8)					
Site Facility Name:						
Business Name (DL):	OR. CO. FIRE STATION #26-57/58					
Address:	4691 WALNUT AVE					
City:	IRVINE					
State:	CA					
Zip:	92714					
County:	ORANGE					

GeoTracker Sites Data Download - Site Details

CUF Case: NO
 Lead Agency: SANTA ANA RWQCB (REGION 8)
 Case Worker:
 Local Agency:
 RB Case No: 083002062T
 Local Case No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
File Location:						
Potential COC:		Gasoline				
Potential Media of Concern:		Soil				
Begin Date:		12/7/1991				
How Discovered:		Tank Tightness Test				
How Discovered Description:						
Stop Method:						
Stop Description:						
Calwater Watershed Name:		Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)				
DWR GW Subbasin Name:		Coastal Plain Of Orange County (8-001)				
Disadvantaged Community:						
CalEnvScreen Score:						
Coordinate Source:		Google Geocode				
Discharge Cause:						
Discharge Source:		Piping				
EPA Region:		9				
Leak Reported Dt:		1992-02-06 00:00:00				
Military DoD Site:		No				
No Further Action Dt:		1993-04-28 00:00:00				
Qty Rlsd Gallons:						
Facility Project Sub Type:						
Calenviroscreen 3 Score:		11-15%				
Calenviroscreen 4 Score:		25-30%				
Site History:						

GeoTracker Sites Data Download - Status History

Status: Completed - Case Closed
Status Date: 4/28/1993

Status: Open - Case Begin Date
Status Date: 12/7/1991

GeoTracker Search - Regulatory Profile (as of October 16, 2023)

Site Facility Name: OR. CO. FIRE STATION #26-57/58
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Address: 4691 WALNUT AVE
City: IRVINE
Zip: 92714
County: ORANGE
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0605901530
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 4/28/1993
Project Status:
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0605901530&tabname=regulatoryhistory
Potential COC: GASOLINE
Potential Media of Concern: SOIL
File Location:
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
DWR GW Sub Basin: Coastal Plain Of Orange County (8-001)
Calwater Watershed Name: Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SANTA ANA RWQCB (REGION 8) (LEAD) - CASE #: 083002062T
CUF Claim No:
CUF Priority Assig:
CUF Amount Paid:
WDR Place Type:
WDR File No:
WDR Order No:
Project Oversight Agencies:
Facility Type:
Composting Method:
Gmdwtr Monitoring Frequency:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply

Site History:

No site history available

GeoTracker Search - Cleanup Status History (as of October 16, 2023)

Status: Completed - Case Closed
Date : 4/28/1993

Status: Open - Case Begin Date
Date : 12/7/1991

GeoTracker Search - Regulatory Activities (as of October 16, 2023)

Action Type: Leak Action
Action: Leak Reported
Action Date: 2/6/1992
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Stopped
Action Date: 12/8/1991
Received Issue Date:
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action: Leak Discovery
Action Date: 12/7/1991
Received Issue Date:
Doc Link:
Title Description Comments:

32	1 of 2	E	0.69 / 3,632.38	213.06 / 54	WOODBURY (AREA 9) MIDDLE SCHOOL JEFFREY ROAD / BRYAN AVENUE IRVINE CA 92620	SCH
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Estor/EPA ID:	30000005	Acres:	21 ACRES
Nat Priority List:	NO	Supervisor:	SHAHIR HADDAD
Census Tract:	6059052418	County:	ORANGE
Permit Renewl Lead:		Latitude:	33.7006
Project Manager:	SHAHIR HADDAD	Longitude:	-117.7556
Site Code:	404563		
Cleanup Status:	NO FURTHER ACTION AS OF 10/13/2004		
Cleanup Oversight Agencies:	DTSC - LEAD AGENCY		
Assembly District:	73		
Senate District:	37		
School District:	IRVINE UNIFIED SCHOOL DISTRICT		
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH		
Public Participatn Spclst:			
Special Program:			
Funding:	SCHOOL DISTRICT		
Site Type:	SCHOOL		
APN:	NONE SPECIFIED		
Past Use that Caused Contam:	UNKNOWN		
Potential Media Affected:	SOIL, SOIL VAPOR		
Potential Contamin of Concern:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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ARSENIC
ORGANOCHLORINE PESTICIDES (8081 OCPS)
PETROLEUM
VOLATILE ORGANICS (8260B VOCS)

SITE HISTORY:

The Site has been utilized for agricultural purposes, indicating potential pesticide application. Fuel underground storage tanks previously occupied the Site.

Status:	NO FURTHER ACTION
Program Type:	SCHOOL EVALUATION
CalEnviroScreen Score:	35-40%
Summary Link:	https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=30000005

Completed Activities

Title:	Site Inspections/visit
Title Link:	
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Site Inspections/Msit (Non LUR)
Date Completed:	3/3/2005
Comments:	
Title:	PEA workplan
Title Link:	
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Preliminary Endangerment Assessment Workplan
Date Completed:	2/9/2005
Comments:	
Title:	Environmental Oversight Agreement
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=30000005&enforcement_id=6003066
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Environmental Oversight Agreement
Date Completed:	10/13/2004
Comments:	
Title:	Preliminary Endangerment Assessment Report
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=30000005&doc_id=6003068
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Preliminary Endangerment Assessment Report
Date Completed:	6/6/2005
Comments:	

32	2 of 2	E	0.69 / 3,632.38	213.06 / 54	WOODBURY (AREA 9) MIDDLE SCHOOL JEFFREY ROAD / BRYAN AVENUE IRVINE CA 92620	ENVIROSTOR												
<table> <tr> <td>Estor/EPA ID:</td> <td>30000005</td> <td>Assembly District:</td> <td>73</td> </tr> <tr> <td>Site Code:</td> <td>404563</td> <td>Senate District:</td> <td>37</td> </tr> <tr> <td>Nat Priority List:</td> <td>NO</td> <td>Permit Renewal Lead:</td> <td></td> </tr> </table>							Estor/EPA ID:	30000005	Assembly District:	73	Site Code:	404563	Senate District:	37	Nat Priority List:	NO	Permit Renewal Lead:	
Estor/EPA ID:	30000005	Assembly District:	73															
Site Code:	404563	Senate District:	37															
Nat Priority List:	NO	Permit Renewal Lead:																

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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APN:	NONE SPECIFIED	Public Partici Spclst:				
Census Tract:	6059052418	Project Manager:	SHAHIR HADDAD			
Site Type:	SCHOOL	County:	ORANGE			
Address Description:	JEFFREY ROAD / BRYAN AVENUE	Latitude:	33.7006			
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH	Longitude:	-117.7556			
Special Program:		Acres:	21 ACRES			
Funding:	SCHOOL DISTRICT	Supervisor:	SHAHIR HADDAD			
Cleanup Status:	NO FURTHER ACTION AS OF 10/13/2004					
Cleanup Oversight Agencies:	DTSC - LEAD AGENCY					
School District:	IRVINE UNIFIED SCHOOL DISTRICT					
Past Use that Caused Contam:	UNKNOWN					
Potential Media Affected:	SOIL, SOIL VAPOR					
Potential Contamin of Concern:						

ARSENIC
ORGANOCHLORINE PESTICIDES (8081 OCPS)
PETROLEUM
VOLATILE ORGANICS (8260B VOCS)

Site History:

The Site has been utilized for agricultural purposes, indicating potential pesticide application. Fuel underground storage tanks previously occupied the Site.

Status:	NO FURTHER ACTION
Program Type:	SCHOOL EVALUATION
CalEnviroScreen Score:	35-40%
Summary Link:	https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=30000005

Completed Activities

Title:	PEA workplan
Title Link:	
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Preliminary Endangerment Assessment Workplan
Date Completed:	2/9/2005
Comments:	

Title:	Site Inspections/visit
Title Link:	
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Site Inspections/Visit (Non LUR)
Date Completed:	3/3/2005
Comments:	

Title:	Environmental Oversight Agreement
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=30000005&enforcement_id=6003066
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Environmental Oversight Agreement
Date Completed:	10/13/2004
Comments:	

Title:	Preliminary Endangerment Assessment Report
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=30000005&doc_id=6003068
Area Name:	
Area Link:	
Sub Area:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 6/6/2005
Comments:

33	1 of 2	W	0.75 / 3,983.58	109.79 / -49	IRVINE HIGH SCHOOL EXPANSION PROJECT 4321 WALNUT AVENUE IRVINE CA 92604	SCH
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Estor/EPA ID:	60001920	Acres:	0.62 ACRES
Nat Priority List:	NO	Supervisor:	SHAHIR HADDAD
Census Tract:	6059052526	County:	ORANGE
Permit Renewal Lead:		Latitude:	33.7025593
Project Manager:	JOHNSON ABRAHAM	Longitude:	-117.782529
Site Code:	404889		
Cleanup Status:	NO FURTHER ACTION AS OF 3/18/2014		
Cleanup Oversight Agencies:	DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY		
Assembly District:	73		
Senate District:	37		
School District:	IRVINE UNIFIED SCHOOL DISTRICT		
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH		
Public Participatn Spclst:			
Special Program:			
Funding:	SCHOOL DISTRICT		
Site Type:	SCHOOL		
APN:	44902111		
Past Use that Caused Contam:	AGRICULTURAL - ROW CROPS		
Potential Media Affected:	SOIL		
Potential Contamin of Concern:			

DDD
 DDE
 DDT
 DIOXIN (AS 2,3,7,8-TCDD TEQ)
 ENDRIN

SITE HISTORY:

The Irvine Unified School District (District) plans to construct a two-story classroom building on the existing Irvine High School campus to accommodate approximately 324 additional students in 12 classrooms. The proposed project area site (Site) occupies approximately 0.6 acres of land. The Site is bounded by the existing school buildings on the west and south. Irvine High School is bounded by Escalar on the west followed by residential, Interstate 5 on the north, Heritage Park on the east and Walnut Avenue followed by residential on the south. The school was constructed in 1970. Prior to 1970, the Site was utilized for agricultural purposes (orchard) from at least 1938. Although no information was provided regarding agricultural chemicals used on Site, pesticides and fertilizers were commonly used for agricultural activities. The The District submitted a PEA Workplan - Technical Memorandum that includes activities to investigate residual agricultural chemicals and miscellaneous trash that may pose a threat to human health and the environment.

On January 3, 2014, the District submitted the PEA. The Site soil was investigated for arsenic, lead and organochlorine pesticides from agricultural use. The PEA concluded that further environmental investigation of the Site was not necessary. Based on review of the PEA, neither a release of hazardous material nor the presence of a naturally occurring hazardous material which would pose a threat to public health or the environment under unrestricted land use was indicated at the Site. Therefore, DTSC concurred with the conclusion of the PEA that further environmental investigation of the Site was not required and approved the PEA.

Status:	NO FURTHER ACTION
Program Type:	SCHOOL EVALUATION
CalEnviroScreen Score:	25-30%
Summary Link:	https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001920

Completed Activities

Title:	Preliminary Endangerment Assessment Tech Memo
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001920&doc_id=60336978
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Document Type:		Preliminary Endangerment Assessment Tech Memo				
Date Completed:		12/4/2013				
Comments:						
Title:		EOA				
Title Link:		https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001920&enforcement_id=60335560				
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						
Document Type:		Environmental Oversight Agreement				
Date Completed:		9/17/2013				
Comments:		Fully executed EOA sent (FedEx) to District.				
Title:		Preliminary Environmental Assessment Report				
Title Link:		https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001920&doc_id=60336980				
Area Name:						
Area Link:						
Sub Area:						
Sub Area Link:						
Document Type:		Preliminary Endangerment Assessment Report				
Date Completed:		3/18/2014				
Comments:						

33

2 of 2

W

0.75 /
3,983.58

109.79 /
-49

IRVINE HIGH SCHOOL
EXPANSION PROJECT
4321 WALNUT AVENUE
IRVINE CA 92604

ENVIROSTOR

Estor/EPA ID:	60001920	Assembly District:	73
Site Code:	404889	Senate District:	37
Nat Priority List:	NO	Permit Renewal Lead:	
APN:	44902111	Public Partici Spclst:	
Census Tract:	6059052526	Project Manager:	JOHNSON ABRAHAM
Site Type:	SCHOOL	County:	ORANGE
Address Description:	4321 WALNUT AVENUE	Latitude:	33.7025593
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH	Longitude:	-117.782529
Special Program:		Acres:	0.62 ACRES
Funding:	SCHOOL DISTRICT	Supervisor:	SHAHIR HADDAD
Cleanup Status:	NO FURTHER ACTION AS OF 3/18/2014		
Cleanup Oversight Agencies:	DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY		
School District:	IRVINE UNIFIED SCHOOL DISTRICT		
Past Use that Caused Contam:	AGRICULTURAL - ROW CROPS		
Potential Media Affected:	SOIL		
Potential Contamin of Concern:			
DDD			
DDE			
DDT			
DIOXIN (AS 2,3,7,8-TCDD TEQ)			
ENDRIN			
Site History:			

The Irvine Unified School District (District) plans to construct a two-story classroom building on the existing Irvine High School campus to accommodate approximately 324 additional students in 12 classrooms. The proposed project area site (Site) occupies approximately 0.6 acres of land. The Site is bounded by the existing school buildings on the west and south. Irvine High School is bounded by Escalar on the west followed by residential, Interstate 5 on the north, Heritage Park on the east and Walnut Avenue followed by residential on the south. The school was constructed in 1970. Prior to 1970, the Site was utilized for agricultural purposes (orchard) from at least 1938. Although no information was provided regarding agricultural chemicals used on Site, pesticides and fertilizers were commonly used for agricultural activities. The The District submitted a PEA Workplan - Technical Memorandum that includes activities to investigate residual agricultural chemicals and miscellaneous trash that may pose a threat to human health and the environment.

On January 3, 2014, the District submitted the PEA. The Site soil was investigated for arsenic, lead and organochlorine pesticides from agricultural use. The PEA concluded that further environmental investigation of the Site was not necessary. Based on review of the PEA, neither a release of hazardous material nor the presence of a naturally occurring hazardous material which would pose a threat to public health or the environment under unrestricted land use was indicated at the Site. Therefore, DTSC concurred with the conclusion of the PEA that further environmental investigation of the Site was not required and approved the PEA.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Status: NO FURTHER ACTION
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 25-30%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60001920

Completed Activities

Title: Preliminary Endangerment Assessment Tech Memo
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001920&doc_id=60336978

Area Name:

Area Link:

Sub Area:

Sub Area Link:

Document Type: Preliminary Endangerment Assessment Tech Memo

Date Completed: 12/4/2013

Comments:

Title: Preliminary Environmental Assessment Report

Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001920&doc_id=60336980

Area Name:

Area Link:

Sub Area:

Sub Area Link:

Document Type: Preliminary Endangerment Assessment Report

Date Completed: 3/18/2014

Comments:

Title: EOA

Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60001920&enforcement_id=60335560

Area Name:

Area Link:

Sub Area:

Sub Area Link:

Document Type: Environmental Oversight Agreement

Date Completed: 9/17/2013

Comments: Fully executed EOA sent (FedEx) to District.

34	1 of 2	E	0.96 / 5,044.90	235.08 / 76	WOODBURY (AREA 9) ELEMENTARY SCHOOL JEFFREY ROAD/BRYAN AVENUE IRVINE CA 92620	SCH
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Estor/EPA ID:	30010020	Acres:	10 ACRES
Nat Priority List:	NO	Supervisor:	SHAHIR HADDAD
Census Tract:	6059052418	County:	ORANGE
Permit Renewal Lead:		Latitude:	33.6981
Project Manager:	SHAHIR HADDAD	Longitude:	-117.7511
Site Code:	404571		
Cleanup Status:	NO FURTHER ACTION AS OF 6/6/2005		
Cleanup Oversight Agencies:	DTSC - LEAD AGENCY		
Assembly District:	73		
Senate District:	37		
School District:	IRVINE UNIFIED SCHOOL DISTRICT		
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH		
Public Participatn Spclst:			
Special Program:			
Funding:	SCHOOL DISTRICT		
Site Type:	SCHOOL		
APN:	NONE SPECIFIED		
Past Use that Caused Contam:	AGRICULTURAL - ROW CROPS		
Potential Media Affected:	SOIL		
Potential Contamin of Concern:			

ARSENIC
CHLORDANE

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

SITE HISTORY:

Cover crop production until the 1960s, citrus orchards from the 1960's to approximately 1994 and row crops from approximately 1994 until recently.

Status: NO FURTHER ACTION
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 35-40%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=30010020

Completed Activities

Title: Environmental Oversight Agreement
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=30010020&enforcement_id=6003201
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Environmental Oversight Agreement
Date Completed: 10/21/2004
Comments:

Title: * Site Visit - Site Inspections/visit
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Site Inspections/Visit (Non LUR)
Date Completed: 3/2/2005
Comments:

Title: * Workplan
Title Link:
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: * Workplan
Date Completed: 2/9/2005
Comments:

Title: Preliminary Endangerment Assessment Report
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=30010020&doc_id=6003203
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Preliminary Endangerment Assessment Report
Date Completed: 6/6/2005
Comments:

34	2 of 2	E	0.96 / 5,044.90	235.08 / 76	WOODBURY (AREA 9) ELEMENTARY SCHOOL JEFFREY ROAD/BRYAN AVENUE IRVINE CA 92620	ENVIROSTOR
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Estor/EPA ID:	30010020	Assembly District:	73
Site Code:	404571	Senate District:	37
Nat Priority List:	NO	Permit Renewal Lead:	
APN:	NONE SPECIFIED	Public Partici Spclst:	
Census Tract:	6059052418	Project Manager:	SHAHIR HADDAD
Site Type:	SCHOOL	County:	ORANGE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
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Address Description:	JEFFREY ROAD/BRYAN AVENUE	Latitude:	33.6981
Office:	SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH	Longitude:	-117.7511
Special Program:		Acres:	10 ACRES
Funding:	SCHOOL DISTRICT	Supervisor:	SHAHIR HADDAD
Cleanup Status:	NO FURTHER ACTION AS OF 6/6/2005		
Cleanup Oversight Agencies:	DTSC - LEAD AGENCY		
School District:	IRVINE UNIFIED SCHOOL DISTRICT		
Past Use that Caused Contam:	AGRICULTURAL - ROW CROPS		
Potential Media Affected:	SOIL		
Potential Contaminant of Concern:			

ARSENIC
CHLORDANE
DDD
DDE
DDT

Site History:

Cover crop production until the 1960s, citrus orchards from the 1960's to approximately 1994 and row crops from approximately 1994 until recently.

Status:	NO FURTHER ACTION
Program Type:	SCHOOL EVALUATION
CalEnviroScreen Score:	35-40%
Summary Link:	https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=30010020

Completed Activities

Title:	Preliminary Endangerment Assessment Report
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=30010020&doc_id=6003203
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Preliminary Endangerment Assessment Report
Date Completed:	6/6/2005
Comments:	

Title:	Environmental Oversight Agreement
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=30010020&enforcement_id=6003201
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Environmental Oversight Agreement
Date Completed:	10/21/2004
Comments:	

Title:	* Site Visit - Site Inspections/visit
Title Link:	
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Site Inspections/Visit (Non LUR)
Date Completed:	3/2/2005
Comments:	

Title:	* Workplan
Title Link:	
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	* Workplan
Date Completed:	2/9/2005

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction</i>	<i>Distance (mi/ft)</i>	<i>Elev/Diff (ft)</i>	<i>Site</i>	<i>DB</i>
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Comments:

Unplottable Summary

Total: 0 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
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No unplottable records were found that may be relevant for the search criteria.

Unplottable Report

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

Appendix: Database Descriptions

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

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

Standard Environmental Record Sources

Federal

National Priority List:

NPL

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

Government Publication Date: Oct 26, 2023

National Priority List - Proposed:

PROPOSED NPL

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

Government Publication Date: Oct 26, 2023

Deleted NPL:

DELETED NPL

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

Government Publication Date: Oct 26, 2023

SEMS List 8R Active Site Inventory:

SEMS

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

Government Publication Date: Jan 26, 2024

SEMS List 8R Archive Sites:

SEMS ARCHIVE

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

Government Publication Date: Jan 26, 2024

Inventory of Open Dumps, June 1985:

ODI

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

Government Publication Date: Jun 1985

Comprehensive Environmental Response, Compensation and Liability Information System -

CERCLIS

CERCLIS:

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

Government Publication Date: Oct 25, 2013

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

IODI

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

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned:

CERCLIS NFRAP

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

Government Publication Date: Oct 25, 2013

CERCLIS Liens:

CERCLIS LIENS

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

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action:

RCRA CORRACTS

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

Government Publication Date: Jan 1, 2024

RCRA non-CORRACTS TSD Facilities:

RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites that have indicated engagement in the treatment, storage, or disposal of hazardous waste which requires a RCRA hazardous waste permit.

Government Publication Date: Jan 1, 2024

RCRA Generator List:

RCRA LQG

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

Government Publication Date: Jan 1, 2024

RCRA Small Quantity Generators List:

RCRA SQG

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

Government Publication Date: Jan 1, 2024

RCRA Very Small Quantity Generators List:

RCRA VSQG

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

Government Publication Date: Jan 1, 2024

RCRA Non-Generators:

RCRA NON GEN

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

Government Publication Date: Jan 1, 2024

RCRA Sites with Controls:

RCRA CONTROLS

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

Government Publication Date: Jan 1, 2024

Federal Engineering Controls-ECs:

FED ENG

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

Government Publication Date: Feb 29, 2024

Federal Institutional Controls-ICs:

FED INST

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

Government Publication Date: Feb 29, 2024

Land Use Control Information System:

LUCIS

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

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites:

NPL IC

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

Government Publication Date: Oct 26, 2023

Emergency Response Notification System:

ERNS 1982 TO 1986

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

Government Publication Date: 1982-1986

Emergency Response Notification System:

ERNS 1987 TO 1989

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

Government Publication Date: 1987-1989

Emergency Response Notification System:

ERNS

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

Government Publication Date: Feb 20, 2024

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

FED BROWNFIELDS

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

Government Publication Date: Feb 7, 2024

FEMA Underground Storage Tank Listing:

FEMA UST

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

Government Publication Date: Dec 31, 2017

Facility Response Plan:

FRP

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

Government Publication Date: May 2, 2023

Delisted Facility Response Plans:

DELISTED FRP

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

Government Publication Date: May 2, 2023

Historical Gas Stations:

HIST GAS STATIONS

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

Government Publication Date: Jul 1, 1930

Petroleum Refineries:

REFN

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

Government Publication Date: Sep 20, 2023

Petroleum Product and Crude Oil Rail Terminals:

BULK TERMINAL

A list of petroleum product and crude oil rail terminals from the U.S. Energy Information Administration (EIA), as well as petroleum terminals sourced from the Federal Communications Commission Data hosted by the Homeland Infrastructure Foundation-Level Database. Data includes operable bulk petroleum product terminals with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil with activity between 2017 and 2018. EIA petroleum product terminal data comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings.

Government Publication Date: Sep 22, 2023

LIEN on Property:

SEMS LIEN

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

Government Publication Date: Jan 26, 2024

Superfund Decision Documents:

SUPERFUND ROD

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

Government Publication Date: Dec 26, 2023

Formerly Utilized Sites Remedial Action Program:

DOE FUSRAP

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

Government Publication Date: Mar 4, 2017

State**State Response Sites:**

RESPONSE

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

Government Publication Date: Feb 15, 2024

EnviroStor Database:

ENVIROSTOR

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

Government Publication Date: Feb 15, 2024

Delisted State Response Sites:

DELISTED ENVS

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

Government Publication Date: Feb 15, 2024

Solid Waste Information System (SWIS):

SWF/LF

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

Government Publication Date: Feb 15, 2024

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

SWRCB SWF

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

Government Publication Date: Sep 20, 2006

Waste Management Unit Database:

WMUD

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

Government Publication Date: Jan 1, 2000

EnviroStor Hazardous Waste Facilities:

HWP

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

Government Publication Date: Feb 15, 2024

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

SWAT

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

Government Publication Date: Dec 31, 1995

Construction and Demolition Debris Recyclers:

C&D DEBRIS RECY

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

Government Publication Date: Jun 20, 2018

Recycling Centers:

RECYCLING

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

Government Publication Date: Jan 17, 2024

Listing of Certified Processors:

PROCESSORS

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

Government Publication Date: Jan 17, 2024

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

CONTAINER RECY

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

Government Publication Date: Jan 22, 2024

Land Disposal Sites:

LDS

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

Government Publication Date: Nov 30, 2023

Leaking Underground Fuel Tank Reports:

LUST

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

Government Publication Date: Nov 30, 2023

Delisted Leaking Storage Tanks:

DELISTED LST

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

Government Publication Date: Nov 30, 2023

Permitted Underground Storage Tank (UST) in GeoTracker:

UST

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

Government Publication Date: Feb 15, 2024

Proposed Closure of Underground Storage Tank Cases:

UST CLOSURE

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

Government Publication Date: Dec 22, 2023

Historical Hazardous Substance Storage Information Database:

HHSS

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

Government Publication Date: Aug 27, 2015

Statewide Environmental Evaluation and Planning System:

UST SWEEPS

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

Government Publication Date: Oct 1, 1994

Aboveground Storage Tanks:

AST

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

Government Publication Date: Aug 31, 2009

SWRCB Historical Aboveground Storage Tanks:

AST SWRCB

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

Government Publication Date: Dec 1, 2007

Oil and Gas Facility Tanks:

TANK OIL GAS

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

Government Publication Date: Jan 24, 2024

Delisted Storage Tanks:

DELISTED TNK

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

Government Publication Date: Mar 26, 2024

California Environmental Reporting System (CERS) Tanks:

CERS TANK

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

Government Publication Date: Jan 17, 2024

Delisted California Environmental Reporting System (CERS) Tanks:

DELISTED CTNK

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

Government Publication Date: Jan 17, 2024

Historical Hazardous Substance Storage Container Information - Facility Summary:

HIST TANK

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

Government Publication Date: May 27, 1988

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

LUR

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

Government Publication Date: Feb 15, 2024

CALSITES Database:

CALSITES

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

Government Publication Date: May 1, 2004

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

HLUR

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

Government Publication Date: Feb 18, 2021

Deed Restrictions and Land Use Restrictions:

DEED

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

Government Publication Date: Nov 30, 2023

Voluntary Cleanup Program:

VCP

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

Government Publication Date: Feb 15, 2024

GeoTracker Cleanup Program Sites:

CLEANUP SITES

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

Government Publication Date: Nov 30, 2023

Delisted Cleanup Program Sites:

DELISTED CLEANUP

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

Government Publication Date: Nov 30, 2023

Delisted County Records:

DELISTED COUNTY

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

Government Publication Date: Mar 20, 2024

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands:

INDIAN LUST

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

Government Publication Date: Oct 25, 2023

Underground Storage Tanks on Tribal/Indian Lands:

INDIAN UST

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

Government Publication Date: Oct 25, 2023

Delisted Tribal Leaking Storage Tanks:

DELISTED INDIAN LST

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

Government Publication Date: Oct 25, 2023

Delisted Tribal Underground Storage Tanks:

DELISTED INDIAN UST

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

Government Publication Date: Oct 25, 2023

County

Orange County - Industrial Cleanup Program Cases Listing:

ICP ORANGE

Orange County Health Care Agency's Environmental Health Division has an Industrial Cleanup (IC) program which oversees the voluntary cleanup of contaminated property. This is a list of cases (by city) which the IC program has overseen in the past, or is currently overseeing.

Government Publication Date: May 15, 2023

Orange County - LOP Lead Cases List:

LOP ORANGE

The Local Oversight Program of the County of Orange provides regulatory cleanup oversight for cleanup of leaking underground storage tanks (USTs). This dataset is provided by the Orange County Health Care Agency.

Government Publication Date: May 15, 2023

Orange County - Non-Petroleum Underground Storage Tank Cases:

NP/UT ORANGE

This list of open and closed non-petroleum underground storage tank cases is maintained by the Orange County Health Care Agency.

Government Publication Date: Oct 11, 2023

Orange County - Underground Storage Tanks Listing:

UST ORANGE

A list of registered Underground Storage Tank (UST) sites in Orange County. This list is made available by Orange County Health Care Agency (OCHCA), Environmental Health Division which oversees the underground storage tank inspection program in most of the cities of Orange County, with the exception of Anaheim, Fullerton, and Orange.

Government Publication Date: May 15, 2023

Orange County - Aboveground Petroleum Storage Tank Listing:

AST ORANGE

A list of Aboveground Petroleum Storage Tank (APST) facilities inspected by Orange County Certified Unified Program Agency (CUPA) Under the Aboveground Petroleum Storage Act (APSA). This list is made available by the Environmental Health Division of Orange County Health Care Agency.

Government Publication Date: May 15, 2023

Orange County - Anaheim City UST Cleanup Cases:

UST CLP ANAHEIM

A list of UST Cleanup Cases in the City of Anaheim in Orange County. As part of its Groundwater Protection Program, the City of Anaheim managed the UST Cleanup Oversight Program from April 1991 to June 2014. This list is published by the City of Anaheim Underground Storage Tank Cleanup Program.

Government Publication Date: May 26, 2015

Orange County - Anaheim City UST List:

UST ANAHEIM

A list of Underground Storage Tanks in Anaheim City, Orange County. This list is made available by Anaheim Fire & Rescue Department.

Government Publication Date: Oct 26, 2023

Orange County - Anaheim City AST List:

AST ANAHEIM

List of Aboveground Storage Tanks (ASTs) in Anaheim City, Orange County made available by Anaheim Fire & Rescue.

Government Publication Date: Oct 26, 2023

Additional Environmental Record Sources**Federal****PFAS Greenhouse Gas Emissions Data:**

PFAS GHG

The U.S. Environmental Protection Agency's Greenhouse Gas Reporting Program (GHGRP) collects Greenhouse Gas (GHG) data from large emitting facilities (25,000 metric tons of carbon dioxide equivalent (CO₂e) per year), and suppliers of fossil fuels and industrial gases that results in GHG emissions when used. Includes GHG emissions data for facilities that emit or have emitted since 2010 chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures by DSSTox. PFAS emissions data has been identified for facilities engaged in the following industrial processes: Aluminum Production (GHGRP Subpart F), HCFC-22 Production and HFC-23 Destruction (Subpart O), Electronics Manufacturing (Subpart I), Fluorinated Gas Production (Subpart L), Magnesium Production (Subpart T), Electrical Transmission and Distribution Equipment Use (Subpart DD), and Manufacture of Electric Transmission and Distribution Equipment (Subpart SS). Over time, other industrial processes with required GHGRP reporting may include PFAS emissions data and the list of reportable gases may change over time.

Government Publication Date: Nov 15, 2023

Facility Registry Service/Facility Index:

FINDS/FRS

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

Government Publication Date: Feb 9, 2024

Toxics Release Inventory (TRI) Program:

TRIS

The U.S. Environmental Protection Agency's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of toxic chemicals from U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. There are currently 770 individually listed chemicals and 33 chemical categories covered by the TRI Program. Facilities that manufacture, process or otherwise use these chemicals in amounts above established levels must submit annual reporting forms for each chemical. Note that the TRI chemical list does not include all toxic chemicals used in the U.S. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment. This database includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Government Publication Date: Sep 20, 2023

PFOA/PFOS Contaminated Sites:

PFAS NPL

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

Government Publication Date: Mar 19, 2024

Federal Agency Locations with Known or Suspected PFAS Detections:

PFAS FED SITES

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

Government Publication Date: Sep 5, 2023

SSEHRI PFAS Contamination Sites:

PFAS SSEHRI

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

Government Publication Date: May 19, 2023

National Response Center PFAS Spills:

ERNS PFAS

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

Government Publication Date: Jan 24, 2024

PFAS NPDES Discharge Monitoring:

PFAS NPDES

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

Government Publication Date: Feb 19, 2024

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory:

PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a per- or polyfluoroalkyl (PFAS) substance included in the U.S. Environmental Protection Agency's (EPA) consolidated PFAS Master List of PFAS Substances. Encompasses Toxics Release Inventory records included in the EPA PFAS Analytic Tools. The EPA's TRI database currently tracks information on disposal or releases of 770 individually listed toxic chemicals and 33 chemical categories from thousands of U.S. facilities and details about how facilities manage those chemicals through recycling, energy recovery, and treatment. This listing includes TRI Reporting Data for calendar years 1987 through 2021 and Preliminary Data for 2022.

Perfluorinated Alkyl Substances (PFAS) Water Quality:

PFAS WATER

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

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities:

PFAS TSCA

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

Government Publication Date: Jan 5, 2023

PFAS Waste Transfers from RCRA e-Manifest :

PFAS E-MANIFEST

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

Government Publication Date: Feb 25, 2024

PFAS Industry Sectors:

PFAS IND

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

Government Publication Date: Dec 4, 2023

Hazardous Materials Information Reporting System:

HMIRS

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

Government Publication Date: Nov 26, 2023

National Clandestine Drug Labs:

NCDL

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

Government Publication Date: Jul 26, 2023

Toxic Substances Control Act:

TSCA

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

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

Government Publication Date: Apr 11, 2019

Hist TSCA:

HIST TSCA

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

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

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing:

FTTS ADMIN

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

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing:

FTTS INSP

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

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List:

PRP

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

Government Publication Date: Jan 26, 2024

State Coalition for Remediation of Drycleaners Listing:

SCRD DRYCLEANER

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

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS):

ICIS

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

Government Publication Date: Aug 26, 2023

Drycleaner Facilities:

FED DRYCLEANERS

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

Government Publication Date: Jan 20, 2024

Delisted Drycleaner Facilities:

DELISTED FED DRY

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

Government Publication Date: Jan 20, 2024

Formerly Used Defense Sites:

FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset which applies to the Fiscal Year 2021 FUDS Inventory.

Government Publication Date: May 15, 2023

FUDS Munitions Response Sites:

FUDS MRS

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

Government Publication Date: May 15, 2023

Former Military Nike Missile Sites:

FORMER NIKE

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

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents:

PIPELINE INCIDENT

This list of flagged pipeline incidents is made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types. Accidents reported on hazardous liquid gravity lines (§195.13) and reporting-regulated-only hazardous liquid gathering lines (§195.15) and incidents reported on Type R gas gathering (§192.8(c)) are not included in the flagged incident file data.

Government Publication Date: Nov 6, 2023

Material Licensing Tracking System (MLTS):

MLTS

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

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites:

HIST MLTS

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

Government Publication Date: Jan 31, 2010

Mines Master Index File:

MINES

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

Government Publication Date: May 1, 2023

Surface Mining Control and Reclamation Act Sites:

SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). This inventory contains information on the type and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The data is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed. Disclaimer: Per the OSMRE, States and tribes who enter their data into eAMLIS (AML Inventory System) may truncate their latitude and longitude so the precise location of usually dangerous AMLs is not revealed in an effort to protect the public from searching for these AMLs, most of which are on private property. If more precise location information is needed, please contact the applicable state/tribe of interest.

Government Publication Date: Jun 13, 2023

Mineral Resource Data System:

MRDS

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

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites:

LM SITES

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

Government Publication Date: Dec 12, 2023

Alternative Fueling Stations:

ALT FUELS

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

Government Publication Date: Nov 27, 2023

Superfunds Consent Decrees:

CONSENT DECREES

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

Government Publication Date: Apr 19, 2023

Air Facility System:

AFS

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

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments:

SSTS

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

Government Publication Date: Mar 1, 2023

Polychlorinated Biphenyl (PCB) Transformers:

PCBT

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

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers:

PCB

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

Government Publication Date: Oct 30, 2023

State

PFAS Sampling Locations:

PFAS SAMPLING

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

Government Publication Date: Jan 2, 2024

Dry Cleaning Facilities:

DRYCLEANERS

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

Government Publication Date: Dec 20, 2021

Delisted Drycleaners:

DELISTED DRYCLEANERS

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

Government Publication Date: Jan 31, 2022

Non-Toxic Dry Cleaning Incentive Program:

DRYC GRANT

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

Government Publication Date: Jan 31, 2022

PFAS GeoTracker Cleanup Sites:

PFAS GT CLEANUPS

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

Government Publication Date: Nov 30, 2023

PFOA/PFOS Groundwater:

PFAS GW

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

Government Publication Date: Jan 7, 2024

PFAS Investigations:

PFAS INVEST

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

Government Publication Date: Nov 28, 2022

Hazardous Waste and Substances Site List - Site Cleanup:

HWSS CLEANUP

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

Government Publication Date: Mar 15, 2023

Toxic Pit Cleanup Act Sites:

TOXIC PITS

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

Government Publication Date: Jul 1, 1995

List of Hazardous Waste Facilities Subject to Corrective Action:

DTSC HWF

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

Government Publication Date: Jul 18, 2016

EnviroStor Inspection, Compliance, and Enforcement:

INSP COMP ENF

A list of permitted facilities with inspections and enforcements tracked by the California Department of Toxic Substance Control's (DTSC) EnviroStor data management system.

Government Publication Date: Nov 23, 2023

School Property Evaluation Program Sites:

SCH

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

Government Publication Date: Feb 15, 2024

California Hazardous Material Incident Report System (CHMIRS):

CHMIRS

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

Government Publication Date: Oct 16, 2023

Historical California Hazardous Material Incident Report System (CHMIRS):

HIST CHMIRS

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

Government Publication Date: Jan 1, 1993

Handlers from Hazardous Waste Manifest Data:

HAZNET

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

Government Publication Date: Oct 24, 2016

Generators from Hazardous Waste Manifest Data:

HAZ GEN

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

Government Publication Date: Dec 31, 2017

TSDf from Hazardous Waste Manifest Data:

HAZ TSD

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

Government Publication Date: Dec 31, 2017

Historical Hazardous Waste Manifest Data:

HIST MANIFEST

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

Government Publication Date: Dec 31, 1992

DTSC Registered Hazardous Waste Transporters:

HW TRANSPORT

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

Government Publication Date: Jan 2, 2024

Registered Waste Tire Haulers:

WASTE TIRE

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

Government Publication Date: Mar 25, 2024

California Medical Waste Management Program Facility List:

MEDICAL WASTE

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

Government Publication Date: Jan 8, 2024

Historical Cortese List:

HIST CORTESE

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

Government Publication Date: Nov 13, 2008

Cease and Desist Orders and Cleanup and Abatement Orders:

CDO/CAO

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

Government Publication Date: Dec 6, 2021

California Environmental Reporting System (CERS) Hazardous Waste Sites:

CERS HAZ

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

Government Publication Date: Jan 17, 2024

Delisted Environmental Reporting System (CERS) Hazardous Waste Sites:

DELISTED HAZ

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

Government Publication Date: Nov 29, 2018

Sites in GeoTracker:

GEOTRACKER

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

Government Publication Date: Nov 30, 2023

Mines Listing:

MINE

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

Government Publication Date: Jun 16, 2023

Recorded Environmental Cleanup Liens:

LIEN

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

Government Publication Date: Dec 18, 2023

Waste Discharge Requirements:

WASTE DISCHG

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

Government Publication Date: Nov 30, 2023

Toxic Pollutant Emissions Facilities:

EMISSIONS

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

Government Publication Date: Dec 31, 2020

Clandestine Drug Lab Sites:

CDL

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

Government Publication Date: Jan 19, 2021

Tribal

No Tribal additional environmental record sources available for this State.

County**Orange County - Hazardous Waste Facilities:**

HW ORANGE

A list of Hazardous Waste Facilities in Orange County. This list is made available by Orange County Environmental Health Department.

Government Publication Date: May 15, 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX E
REGULATORY AGENCY RECORDS



529-401-01
14010 REMINGTON



Assessor Map

Assessor Map Index

Assessment No.	529-401-01
Lot Number	1
Legal Start Date	2/28/1983
Lot Type	Lot
Doc. No.	PMB 177/37-39
Map No.	PM 82-0608
Doc. Ref. No.	198300328014
Doc. Ref. Date	
Legal Descr.	P-BOOK: 177 PAGE: 37 PAR: 1
Site Address	14010 REMINGTON
Landuse	200
Area sqft	261618
Perim. ft	2041
City/State	IRVINE
Zipcode	92620

Custom Query Results

Drag a column header here to group by that column.

PERMIT TYPE	ADDRESS	PERMIT #	SUITE	DESCRIPTION	CLOSED DATE	PARCEL/TRACT #	LOT
▼ Contains...	▼ Contains...	▼ Contains...	▼ Contains...	▼ Contains...	▼ On...	▼ Contains...	▼ Contains...
BUILDING PERMIT	14010 REMINGTON	00173178-EBP		TEMPORARY POLES, CHURCH PROPERTY	8/17/1999		
BUILDING PERMIT	14010 REMINGTON	00173702-FSIN		UNDERGROUND FIRE LINE	9/1/2000	6781	99
BUILDING PERMIT	14010 REMINGTON	00173711-PBP		UNDERGROUND PLUMBING	2/7/2001		
BUILDING PERMIT	14010 REMINGTON	00174057-MISC		FOUNDATIONS FOR SITE LIGHTING	2/7/2001		
BUILDING PERMIT	14010 REMINGTON	00174058-EBP		FOUNDATIONS FOR SITE LIGHTING	5/8/2000		

Items: 21

ENVIROSTOR

14010 Remington Irvine

Map Address

Sites and Facilities

Cleanup Sites

☒ Federal Superfund
 ☒ State Response
 ☒ Voluntary Cleanup
 ☒ School Cleanup
 ☒ Evaluation
 ☒ School Investigation
 ☒ Military Evaluation
 ☒ Tiered Permit
 ☒ Corrective Action
 ☐ Field Points

STATUS

All Statuses

Permitted Sites

☒ Operating
 ☒ Post-Closure
 ☒ Non-Operating

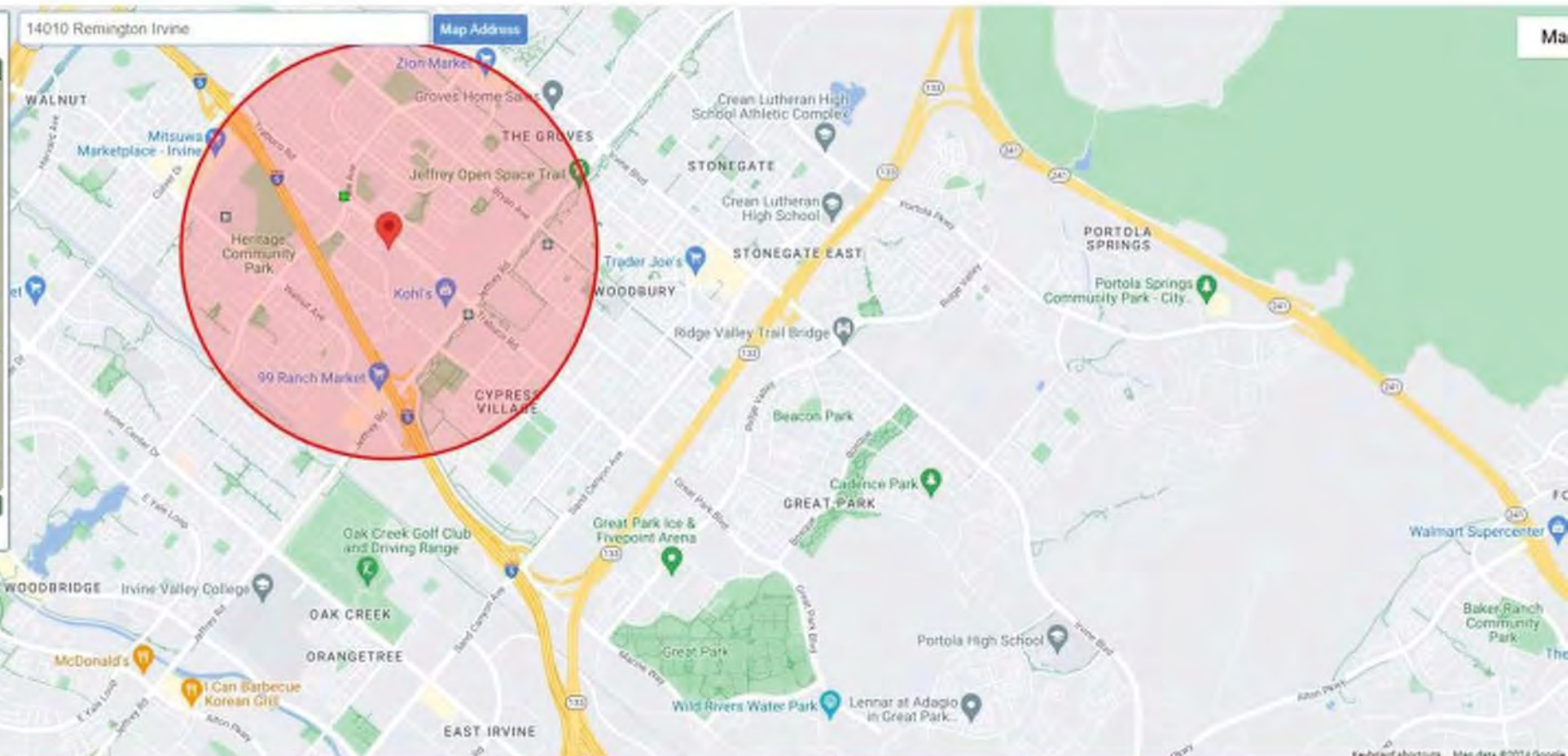
Other Sites

GIS Layers

Tools

Take a Tour

Share This Map



SITES FOUND IN SEARCH RADIUS

PROJECT NAME
IRVINE HIGH SCHOOL EXTENSION PROJECT
PROPOSED PALM MIDDLE SCHOOL
TRABUCO CLEANERS
WOODBURY AREA B MIDDLE SCHOOL

STATUS
NO FURTHER ACTION
NO FURTHER ACTION
REFER: LOCAL AGENCY
NO FURTHER ACTION

PROJECT TYPE
SCHOOL INVESTIGATION
SCHOOL INVESTIGATION
EVALUATION
SCHOOL INVESTIGATION

4 SITES LISTED

ADDRESS
4321 WALNUT AVENUE
TRABUCO ROAD/JEFFREY ROAD
13025 YALE AVE., SUITE 145
JEFFREY ROAD / BRYAN AVENUE

CITY
IRVINE
IRVINE
IRVINE
IRVINE



LEGEND - THOSE WITH SITE X

- LUIS Cleanup Sites - REMOVE
- Cleanup Program Sites - REMOVE
- Military Cleanup Sites - REMOVE
- Military Privatized Sites - REMOVE
- Military UST Sites - REMOVE

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CASE SUMMARY

REPORT DATE HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?

I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATION

FACILITY NAME

TRABUCO CLEANERS

FACILITY IDFACILITY ADDRESS

13925 YALE AVE

ORIENTATION OF SITE TO STREET

IRVINE, CA 92620

CROSS STREET

ORANGE COUNTY

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

VI. DISCOVERY/ABATEMENT

DATE DISCHARGE BEGANDATE DISCOVEREDHOW DISCOVEREDDESCRIPTIONDATE STOPPEDSTOP METHODDESCRIPTION

VII. SOURCE/CAUSE

SOURCE OF DISCHARGECAUSE OF DISCHARGEDISCHARGE DESCRIPTION

VIII. CASE TYPE

CASE TYPE

IX. REMEDIAL ACTION

NO REMEDIAL ACTIONS ENTERED

X. GENERAL COMMENTS

Please refer to recent Site Documents or Monitoring Reports for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN
IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBER

02IC017

REGIONAL BOARD CASE NUMBERLOCAL AGENCYCONTACT NAME

IC SUPERVISOR

INITIALSORGANIZATION NAME

ORANGE COUNTY LOP

EMAIL ADDRESS

ghiggins@ochca.com

<u>ADDRESS</u>		<u>CONTACT DESCRIPTION</u>
1241 E. DYER RD., SUITE 120 SANTA ANA, CA 92705		HISTORICAL CONTACT FOR CASES CLOSED PRIOR TO GEOTRACKER ENTRY
<u>PHONE TYPE</u>	<u>PHONE NUMBER</u>	<u>EXTENSION</u>
OFFICE	(714)-433-6260	
<u>REGIONAL BOARD</u>		
UNKNOWN		

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CASE SUMMARY

<u>REPORT DATE</u> 12/13/1991	<u>HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?</u> N
----------------------------------	--

I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATIONFACILITY NAME

ORANGE COUNTY FIRE STATION #15

FACILITY IDFACILITY ADDRESS

3202 SANTIAGO CANYON

ORIENTATION OF SITE TO STREET

IRVINE, CA 92720

CROSS STREET

ORANGE COUNTY

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

DIESEL

VI. DISCOVERY/ABATEMENTDATE DISCHARGE BEGANDATE DISCOVERED

12/13/1991

HOW DISCOVERED

Tank Closure

DESCRIPTIONDATE STOPPED

1/1/1965

STOP METHOD

Close and Remove Tank

DESCRIPTION**VII. SOURCE/CAUSE**SOURCE OF DISCHARGE

U

CAUSE OF DISCHARGE

U

DISCHARGE DESCRIPTION**VIII. CASE TYPE**CASE TYPE

Soil

IX. REMEDIAL ACTIONREMEDIAL ACTION

Excavation

BEGIN DATE

1/1/1965

END DATE

1/1/1965

DESCRIPTION**X. GENERAL COMMENTS****XI. CERTIFICATION**

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN
IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBER

92UT039

REGIONAL BOARD CASE NUMBER

083000519T

LOCAL AGENCY

UNKNOWN

REGIONAL BOARD

UNKNOWN

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CASE SUMMARY

REPORT DATE

6/18/1990

HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATIONFACILITY NAME

TREASURE FARMS/IRVINE COMPANY

FACILITY IDFACILITY ADDRESS

WIND MACHINES

ORIENTATION OF SITE TO STREET

IRVINE, CA 92720

CROSS STREET

ORANGE COUNTY

JEFFREY

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

GASOLINE

VI. DISCOVERY/ABATEMENTDATE DISCHARGE BEGANDATE DISCOVEREDHOW DISCOVEREDDESCRIPTIONDATE STOPPEDSTOP METHODDESCRIPTIONVII. SOURCE/CAUSESOURCE OF DISCHARGE

Other

CAUSE OF DISCHARGE

Unknown

DISCHARGE DESCRIPTIONVIII. CASE TYPECASE TYPE

Soil

IX. REMEDIAL ACTION

NO REMEDIAL ACTIONS ENTERED

X. GENERAL COMMENTSXI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN
IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLYLOCAL AGENCY CASE NUMBERREGIONAL BOARD CASE NUMBER

083001672T

LOCAL AGENCY

<u>CONTACT NAME</u>	<u>INITIALS</u>	<u>ORGANIZATION NAME</u>	<u>EMAIL ADDRESS</u>
ORANGE COUNTY	OC	ORANGE COUNTY	
<u>ADDRESS</u>		<u>CONTACT DESCRIPTION</u>	
1241 E. DYER ROAD SUITE 120 Santa Ana, CA 927055611			

REGIONAL BOARD

<u>CONTACT NAME</u>	<u>INITIALS</u>	<u>ORGANIZATION NAME</u>	<u>EMAIL ADDRESS</u>
MIGUEL OVIEDO	MAO	SANTA ANA RWQCB (REGION 8)	miguel.oviedo@waterboards.ca.gov
<u>ADDRESS</u>		<u>CONTACT DESCRIPTION</u>	
3737 Main Street, Suite 500 RIVERSIDE, CA 92501			
<u>PHONE TYPE</u>	<u>PHONE NUMBER</u>	<u>EXTENSION</u>	
PHONE	(951)-782-3238		

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CASE SUMMARY

<u>REPORT DATE</u>	<u>HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?</u>
1/1/1965	N

I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATIONFACILITY NAME

FMC CORP

FACILITY IDFACILITY ADDRESS

13242 JEFFREY

IRVINE, CA 92714

ORANGE COUNTY

ORIENTATION OF SITE TO STREETCROSS STREET**V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN**

OTHER SOLVENT OR NON-PETROLEUM HYDROCARBON

VI. DISCOVERY/ABATEMENTDATE DISCHARGE BEGANDATE DISCOVERED

1/1/1965

HOW DISCOVERED

Tank Closure

DESCRIPTIONDATE STOPPED

1/1/1965

STOP METHOD

Close and Remove Tank

DESCRIPTION**VII. SOURCE/CAUSE**SOURCE OF DISCHARGE

U

CAUSE OF DISCHARGE

U

DISCHARGE DESCRIPTION**VIII. CASE TYPE**CASE TYPE

Under Investigation

IX. REMEDIAL ACTION

NO REMEDIAL ACTIONS ENTERED

X. GENERAL COMMENTS**XI. CERTIFICATION**

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN
IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLYLOCAL AGENCY CASE NUMBER

85UT132

REGIONAL BOARD CASE NUMBER

LOCAL AGENCY

UNKNOWN

REGIONAL BOARD

<u>CONTACT NAME</u>	<u>INITIALS</u>	<u>ORGANIZATION NAME</u>	<u>EMAIL ADDRESS</u>
MAILE SEEGER GEE	MG	SANTA ANA RWQCB (REGION 8)	maile.gee@waterboards.ca.gov
<u>ADDRESS</u>	<u>CONTACT DESCRIPTION</u>		
3737 MAIN STREET, SUITE 500 RIVERSIDE, CA 92501-3339			
<u>PHONE TYPE</u>	<u>PHONE NUMBER</u>	<u>EXTENSION</u>	
PHONE	(951)-782-4379		

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CASE SUMMARY

REPORT DATE HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?

I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATION

FACILITY NAMEFACILITY ID

TREASURE FARMS

FACILITY ADDRESSORIENTATION OF SITE TO STREET

0 NE JEFFREY & TRABUCO RD

IRVINE, CA 92720

CROSS STREET

ORANGE COUNTY

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

VI. DISCOVERY/ABATEMENT

DATE DISCHARGE BEGANDATE DISCOVEREDHOW DISCOVEREDDESCRIPTIONDATE STOPPEDSTOP METHODDESCRIPTION

VII. SOURCE/CAUSE

SOURCE OF DISCHARGECAUSE OF DISCHARGEDISCHARGE DESCRIPTION

VIII. CASE TYPE

CASE TYPE

IX. REMEDIAL ACTION

NO REMEDIAL ACTIONS ENTERED

X. GENERAL COMMENTS

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XI. CERTIFICATION

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IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBERREGIONAL BOARD CASE NUMBER

90IC023

LOCAL AGENCYCONTACT NAMEINITIALSORGANIZATION NAMEEMAIL ADDRESS

IC SUPERVISOR

ORANGE COUNTY LOP

ghiggins@ochca.com

<u>ADDRESS</u>		<u>CONTACT DESCRIPTION</u>
1241 E. DYER RD., SUITE 120 SANTA ANA, CA 92705		HISTORICAL CONTACT FOR CASES CLOSED PRIOR TO GEOTRACKER ENTRY
<u>PHONE TYPE</u>	<u>PHONE NUMBER</u>	<u>EXTENSION</u>
OFFICE	(714)-433-6260	
<u>REGIONAL BOARD</u>		
UNKNOWN		

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CASE SUMMARY

REPORT DATE HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?

I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATION

FACILITY NAME

NORTHWOOD CLEANERS

FACILITY IDFACILITY ADDRESS

4790 IRVINE BLVD

IRVINE, CA 92620

ORANGE COUNTY

ORIENTATION OF SITE TO STREETCROSS STREET

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

VI. DISCOVERY/ABATEMENT

DATE DISCHARGE BEGANDATE DISCOVEREDHOW DISCOVEREDDESCRIPTIONDATE STOPPEDSTOP METHODDESCRIPTION

VII. SOURCE/CAUSE

SOURCE OF DISCHARGECAUSE OF DISCHARGEDISCHARGE DESCRIPTION

VIII. CASE TYPE

CASE TYPE

IX. REMEDIAL ACTION

NO REMEDIAL ACTIONS ENTERED

X. GENERAL COMMENTS

Please refer to recent Site Documents or Monitoring Reports for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN
IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBER

98IC018

REGIONAL BOARD CASE NUMBERLOCAL AGENCYCONTACT NAME

IC SUPERVISOR

INITIALSORGANIZATION NAME

ORANGE COUNTY LOP

EMAIL ADDRESS

ghiggins@ochca.com

<u>ADDRESS</u>		<u>CONTACT DESCRIPTION</u>
1241 E. DYER RD., SUITE 120 SANTA ANA, CA 92705		HISTORICAL CONTACT FOR CASES CLOSED PRIOR TO GEOTRACKER ENTRY
<u>PHONE TYPE</u>	<u>PHONE NUMBER</u>	<u>EXTENSION</u>
OFFICE	(714)-433-6260	
<u>REGIONAL BOARD</u>		
UNKNOWN		

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CASE SUMMARY

<u>REPORT DATE</u>	<u>HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?</u>
2/17/1998	N

I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATIONFACILITY NAME

SHELL OIL

FACILITY IDFACILITY ADDRESS

4162 TRABUCO

ORIENTATION OF SITE TO STREET

IRVINE, CA 92620

CROSS STREET

ORANGE COUNTY

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

GASOLINE

VI. DISCOVERY/ABATEMENTDATE DISCHARGE BEGANDATE DISCOVERED

2/10/1998

HOW DISCOVERED

UST System Modification

DESCRIPTIONDATE STOPPED

1/1/1965

STOP METHOD

Replace product piping

DESCRIPTION**VII. SOURCE/CAUSE**SOURCE OF DISCHARGE

Piping

CAUSE OF DISCHARGE

U

DISCHARGE DESCRIPTION**VIII. CASE TYPE**CASE TYPE

Aquifer used for drinking water supply

IX. REMEDIAL ACTIONREMEDIAL ACTION

In Situ Physical/Chemical Treatment (other than SVE)

Excavation

BEGIN DATE

9/23/2002

10/1/2002

END DATE

10/15/2005

10/1/2002

DESCRIPTION

DPE System

X. GENERAL COMMENTS

Please refer to recent Site Documents or Monitoring Reports in GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN
IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLYLOCAL AGENCY CASE NUMBER

98UT015

REGIONAL BOARD CASE NUMBER

083003738T

LOCAL AGENCY

UNKNOWN

REGIONAL BOARDCONTACT NAME

MAILE SEEGER GEE

INITIALS

MG

ORGANIZATION NAME

SANTA ANA RWQCB (REGION 8)

EMAIL ADDRESS

maile.gee@waterboards.ca.gov

ADDRESS

3737 MAIN STREET, SUITE 500

RIVERSIDE, CA 92501-3339

CONTACT DESCRIPTIONPHONE TYPE

PHONE

PHONE NUMBER

(951)-782-4379

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CASE SUMMARY

REPORT DATE HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?

I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATION

FACILITY NAME

THE IRVINE CO (ORANGE GROVES)

FACILITY IDFACILITY ADDRESS

UNK TRABUCO RD

ORIENTATION OF SITE TO STREET

IRVINE, CA 92720

CROSS STREET

ORANGE COUNTY

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

VI. DISCOVERY/ABATEMENT

DATE DISCHARGE BEGANDATE DISCOVEREDHOW DISCOVEREDDESCRIPTIONDATE STOPPEDSTOP METHODDESCRIPTION

VII. SOURCE/CAUSE

SOURCE OF DISCHARGECAUSE OF DISCHARGEDISCHARGE DESCRIPTION

VIII. CASE TYPE

CASE TYPE

IX. REMEDIAL ACTION

NO REMEDIAL ACTIONS ENTERED

X. GENERAL COMMENTS

Please refer to recent Site Documents or Monitoring Reports for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN
IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBER

90IC020

REGIONAL BOARD CASE NUMBERLOCAL AGENCYCONTACT NAME

IC SUPERVISOR

INITIALSORGANIZATION NAME

ORANGE COUNTY LOP

EMAIL ADDRESS

ghiggins@ochca.com

<u>ADDRESS</u>		<u>CONTACT DESCRIPTION</u>
1241 E. DYER RD., SUITE 120 SANTA ANA, CA 92705		HISTORICAL CONTACT FOR CASES CLOSED PRIOR TO GEOTRACKER ENTRY
<u>PHONE TYPE</u>	<u>PHONE NUMBER</u>	<u>EXTENSION</u>
OFFICE	(714)-433-6260	
<u>REGIONAL BOARD</u>		
UNKNOWN		

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CASE SUMMARY

REPORT DATE HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?

I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATION

FACILITY NAMEFACILITY ID

FORMER OC INTERNATIONAL RACEWAY

FACILITY ADDRESSORIENTATION OF SITE TO STREET

UNK 5 FWY @ ROUTE 133

IRVINE, CA 92618

CROSS STREET

ORANGE COUNTY

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

VI. DISCOVERY/ABATEMENT

DATE DISCHARGE BEGANDATE DISCOVEREDHOW DISCOVEREDDESCRIPTIONDATE STOPPEDSTOP METHODDESCRIPTION

VII. SOURCE/CAUSE

SOURCE OF DISCHARGECAUSE OF DISCHARGEDISCHARGE DESCRIPTION

VIII. CASE TYPE

CASE TYPE

IX. REMEDIAL ACTION

NO REMEDIAL ACTIONS ENTERED

X. GENERAL COMMENTS

Please refer to recent Site Documents or Monitoring Reports for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN
IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBERREGIONAL BOARD CASE NUMBER

84IC004

LOCAL AGENCYCONTACT NAMEINITIALSORGANIZATION NAMEEMAIL ADDRESS

IC SUPERVISOR

ORANGE COUNTY LOP

ghiggins@ochca.com

<u>ADDRESS</u>		<u>CONTACT DESCRIPTION</u>
1241 E. DYER RD., SUITE 120 SANTA ANA, CA 92705		HISTORICAL CONTACT FOR CASES CLOSED PRIOR TO GEOTRACKER ENTRY
<u>PHONE TYPE</u>	<u>PHONE NUMBER</u>	<u>EXTENSION</u>
OFFICE	(714)-433-6260	
<u>REGIONAL BOARD</u>		
UNKNOWN		

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CASE SUMMARY

<u>REPORT DATE</u>	<u>HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?</u>
7/15/1998	N

I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATIONFACILITY NAME

TOSCO - 76 #6525

FACILITY IDFACILITY ADDRESS

5410 WALNUT

ORIENTATION OF SITE TO STREET

IRVINE, CA 92604

CROSS STREET

ORANGE COUNTY

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

GASOLINE

VI. DISCOVERY/ABATEMENTDATE DISCHARGE BEGANDATE DISCOVERED

2/9/1998

HOW DISCOVERED

* SA

DESCRIPTIONDATE STOPPED

1/1/1965

STOP METHOD

Other Means

DESCRIPTION**VII. SOURCE/CAUSE**SOURCE OF DISCHARGE

U

CAUSE OF DISCHARGE

U

DISCHARGE DESCRIPTION**VIII. CASE TYPE**CASE TYPE

Aquifer used for drinking water supply

IX. REMEDIAL ACTIONREMEDIAL ACTION

Soil Vapor Extraction (SVE)

BEGIN DATE

6/23/2004

END DATE

6/25/2004

DESCRIPTION

Soil Vapor Extraction (SVE)

3/18/2006

3/24/2006

Excavation

11/1/2008

11/1/2008

X. GENERAL COMMENTS

Please refer to recent Site Documents or Monitoring Reports in GeoTracker for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN
IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLYLOCAL AGENCY CASE NUMBER

98UT052

REGIONAL BOARD CASE NUMBER

083003222T

LOCAL AGENCY

UNKNOWN

REGIONAL BOARD

UNKNOWN

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STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CASE SUMMARY

REPORT DATE HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?

2/6/1992

I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATION

FACILITY NAME

OR. CO. FIRE STATION #26-57/58

FACILITY ADDRESS

4691 WALNUT AVE

IRVINE, CA 92714

ORANGE COUNTY

FACILITY ID

ORIENTATION OF SITE TO STREET

CROSS STREET

YALE

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

GASOLINE

VI. DISCOVERY/ABATEMENT

DATE DISCHARGE BEGAN

DATE DISCOVERED

12/7/1991

HOW DISCOVERED

Tank Tightness Test

DESCRIPTION

DATE STOPPED

12/8/1991

STOP METHOD

DESCRIPTION

VII. SOURCE/CAUSE

SOURCE OF DISCHARGE

Piping

CAUSE OF DISCHARGE

DISCHARGE DESCRIPTION

VIII. CASE TYPE

CASE TYPE

Soil

IX. REMEDIAL ACTION

NO REMEDIAL ACTIONS ENTERED

X. GENERAL COMMENTS

XI. CERTIFICATION

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN
IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBER

REGIONAL BOARD CASE NUMBER

083002062T

LOCAL AGENCY
UNKNOWN
REGIONAL BOARD
UNKNOWN

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FREEDOM OF INFORMATION ACT REQUEST

TO: City of Irvine, California

ATTN: Environmental Health Division
Fire Department,
Building Department
Via email

FROM: Beth Ullom, P.G.
Enercon Service, Inc.

RE: 14010 Remington Road, Irvine, California

ENERCON SERVICES, INC. is currently performing an environmental due diligence evaluation for the above **referenced property/ies**. As part of this evaluation, we are requesting information (if relevant/available) related to the following items for the property address:

- Records of underground storage tank installation and or removal.
- Records of aboveground storage tank installation and or removal.
- Records of known chemical spills.
- Date of construction, acreage and square footage of improvements.
- Outstanding building code violations.
- Outstanding fire code violations.

Please contact me at your earliest convenience, either via email or mail. My contact information can be found below. Thank you for your assistance!

Beth Ullom
Principal Technical Specialist
Enercon Services, Inc.
Springfield, Ohio
937-926-6931
bullom@enercon.com



FREEDOM OF INFORMATION ACT REQUEST

TO: Orange County, California

ATTN: Environmental Health Division
Fire Department(s)
Building Department/Code Enforcement
Via email

FROM: Beth Ullom, P.G.
Enercon Service, Inc.

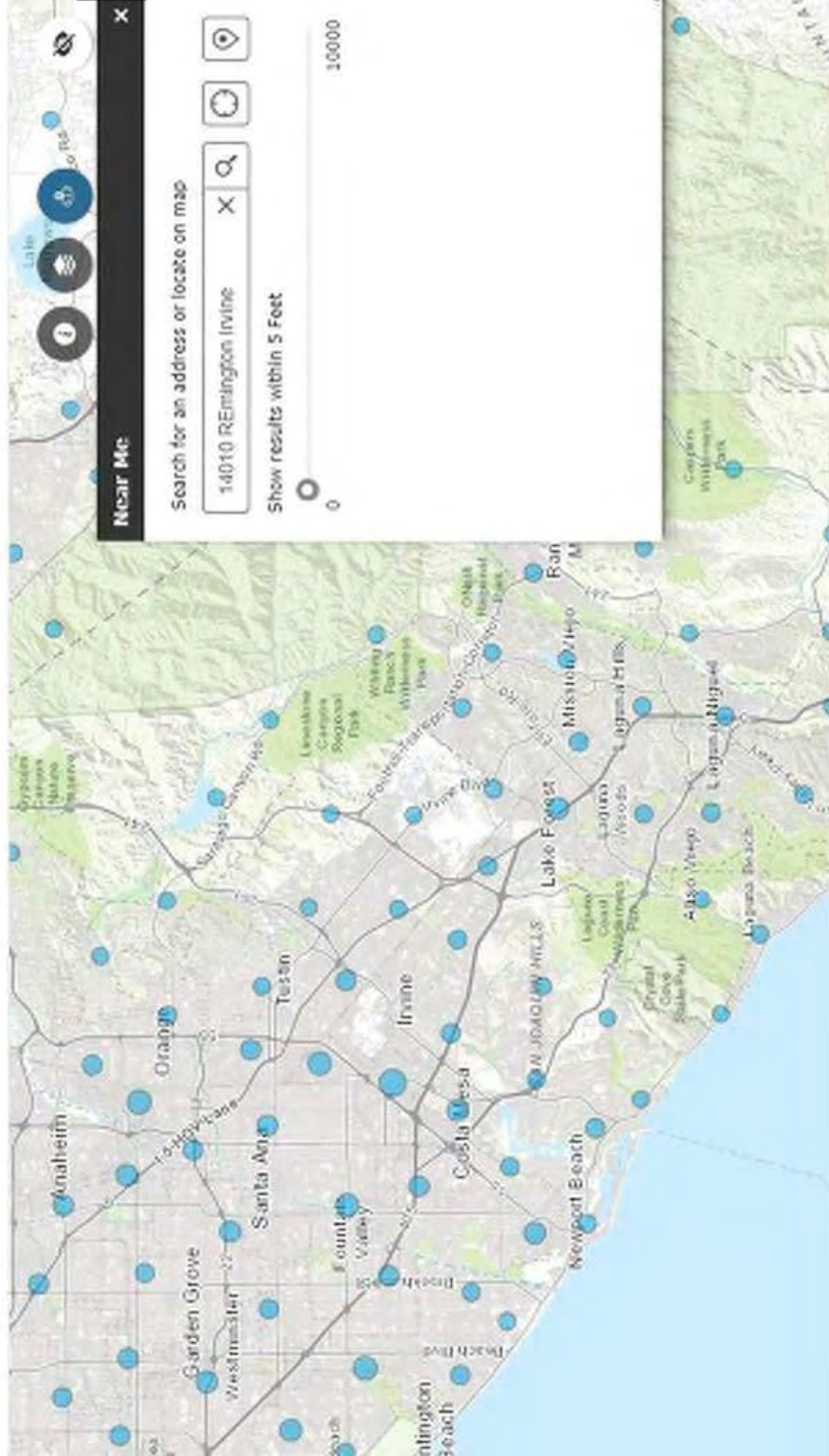
RE: **14010 Remington Drive, Irvine CA**

ENERCON SERVICES, INC. is currently performing an environmental due diligence evaluation for the above **referenced property/ies**. As part of this evaluation, we are requesting information (if relevant/available) related to the following items for the property address:

- Records of underground storage tank installation and or removal.
- Records of aboveground storage tank installation and or removal.
- Records of known chemical spills.
- Date of construction, acreage and square footage of improvements.
- Outstanding building code violations.
- Outstanding fire code violations.

Please contact me at your earliest convenience, either via email or mail. My contact information can be found below. Thank you for your assistance!

Beth Ullom
Principal Technical Specialist
Enercon Services, Inc.
Springfield, Ohio
937-926-6931
bullom@enercon.com



Near Me

Search for an address or locate on map

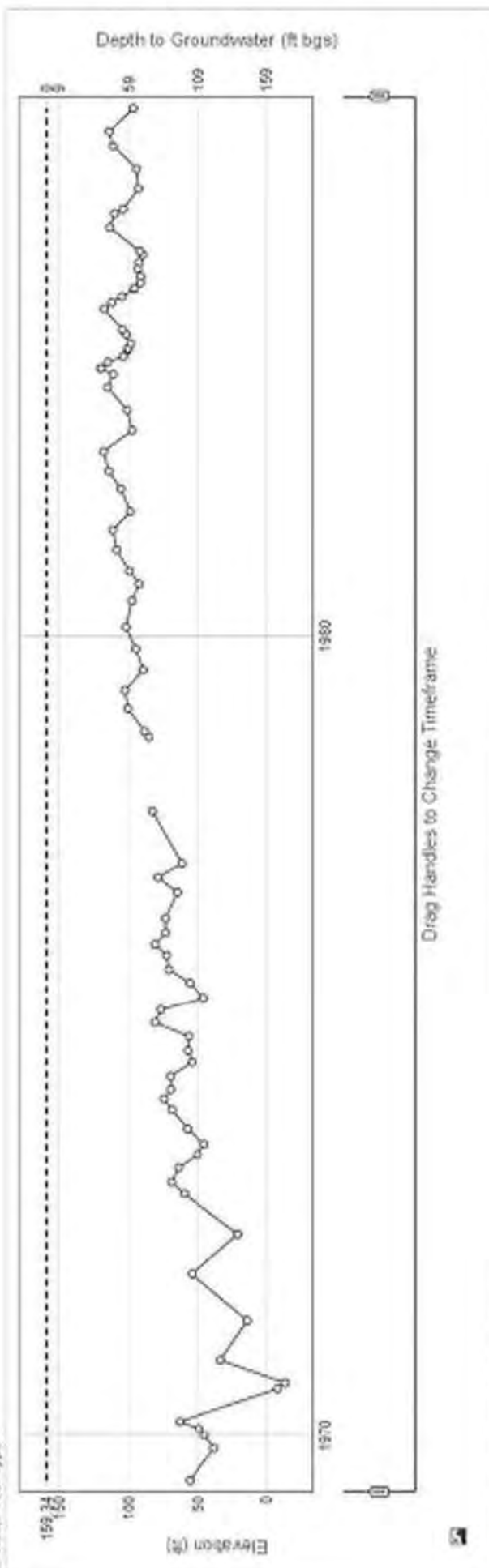
14010 REMINGTON IRVINE

Show results within 5 Feet

10000

Groundwater Elevation

Water Year Type



Date: (Hover to see values)

Ground Surface

Depth to Groundwater

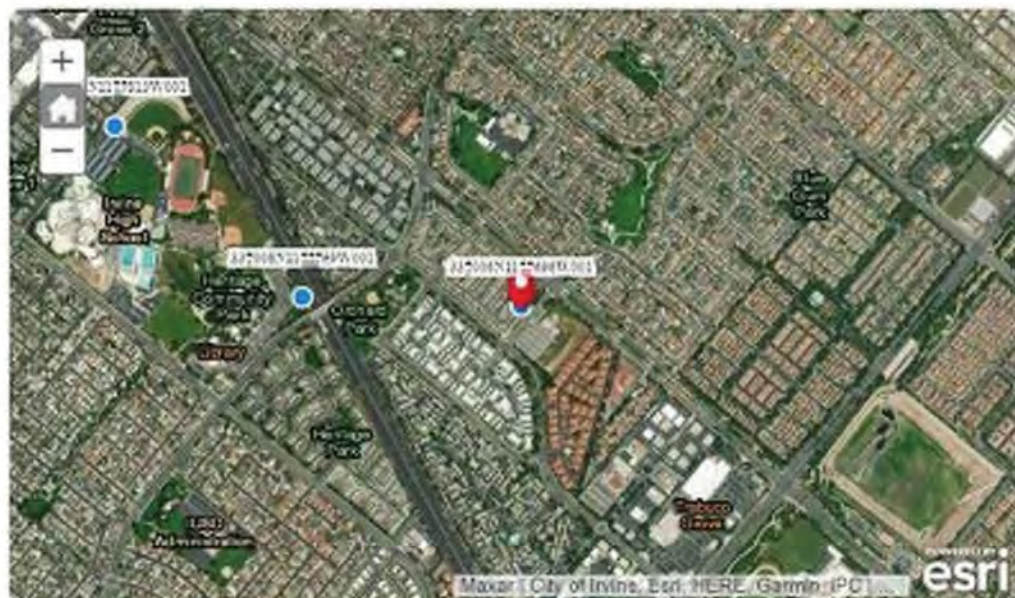
View Water Level Table

S37008N177656W001

Site Code: 337006N1177696W001 State Well Number: 05S09W36B001S Local Well Name: 05S09W36B001S



Site Code: 337006N1177696W001
Local Well Name: 05S09W36B001S
State Well Number: 05S09W36B001S
Station ID: 29082
WCR Number:
Latitude: 33.70060
Longitude: -117.76960
Station Organization ID:
Station Organization Name:
Well Location Description:
Well Use Type: Unknown
Well Completion Type: Unknown
Well Depth (feet bgs):
Top Perforation (feet bgs):
Bottom Perforation (feet bgs):
Ground Surface Elevation: 159.34
Reference Point Elevation: 159.34
Reference Point Description: None Provided
Station Comments:



Well Completion Report

No lithology data found.

Site Code: 337006N1177696W001 State Well Number: 05S09W36B001S Local Well Name: 05S09W36B001

Elevation: 159.34

Reference Point

Elevation: 159.34

Reference Point

Description: None Provided

Station Comments:

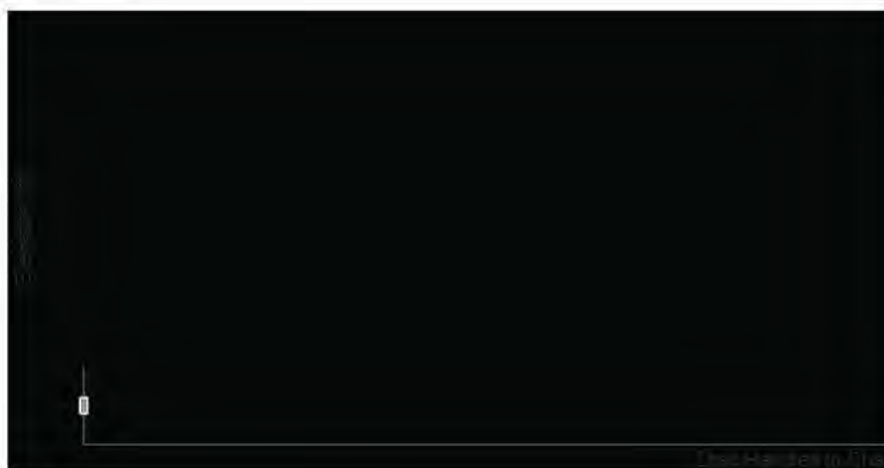


Well Completion Report

No lithology data found.

Groundwater Elevation

☐ Water Year Type



Date: (hover to see values)

☒ -- Ground Surface

☒ -- Groundwater Elevation

☒ -- Depth to Groundwater

View Water Level Table

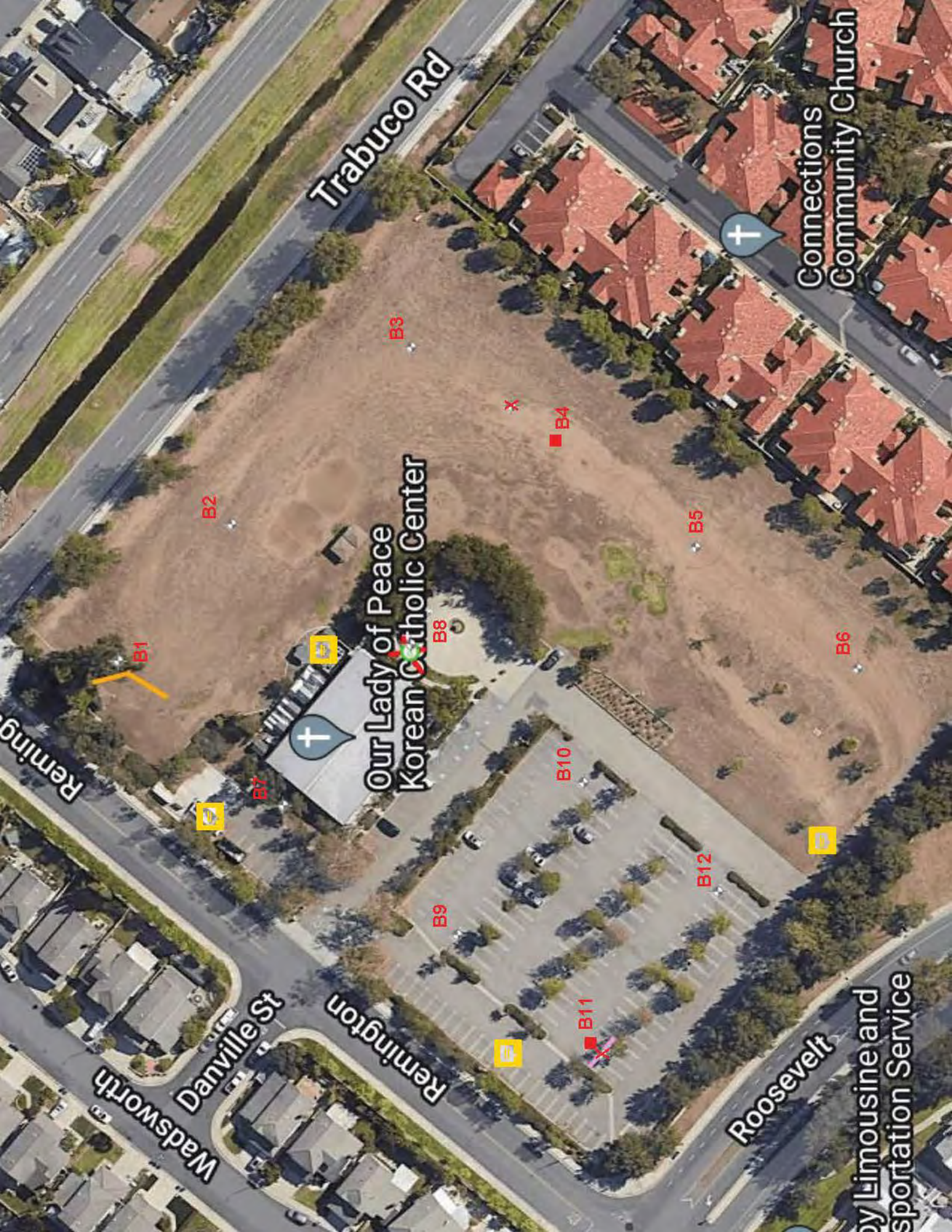
337006N1177696W001

Search:

MSMT_DATE	WSE	RPE_WSE	GSE_WSE	WLM_RPE	WLM_GSE	WLM_ORG_NAME	WLM_OA_DESC	WL
1969-06-09	56.14	103.20	103.20	159.34	159.34	Department of Water Resources	Good	
1969-11-04	38.14	121.20	121.20	159.34	159.34	Department of Water Resources	Good	
1970-01-02	45.04	114.30	114.30	159.34	159.34	Department of Water Resources	Good	
1970-02-04	49.34	110.00	110.00	159.34	159.34	Department of Water Resources	Good	
1970-03-09	63.34	96.00	96.00	159.34	159.34	Department of Water Resources	Good	
1970-08-07	-7.76	167.10	167.10	159.34	159.34	Department of Water Resources	Good	
1970-09-02	-13.16	172.50	172.50	159.34	159.34	Department of Water Resources	Good	



APPENDIX F
LABORATORY REPORT



Trabuco Rd

Connections
Community Church

Our Lady of Peace
Korean Catholic Center

Remington

Wadsworth
Danville St

Remington

Roosevelt
by Limousine and
Transportation Service

B2

B3

B4

B5

B6

B1

B7

B8

B10

B12

B9

B11

ELEC_BOX	FUEL_AST	MISC_CONTINUES	STEAM_CONTINUES	UNKN_CONTINUES
ELEC_CABINET	FUEL_CONTINUES	MISC_DEPTH	STEAM_EOI	UNKN_EOI
ELEC_CONTINUES	FUEL_EOI	MISC_EOI	STEAM_MANHOLE	UNKN_MANHOLE
ELEC_EOI	FUEL_MANHOLE	MISC_MANHOLE	STEAM_VALVE	UNKN_MISC
ELEC_EQUIPMENT	FUEL_MISC	MISC_POINT	STRM_CATCHBASINROUND	UNKN_VALVE
ELEC_LANDSCAPELIGHT	FUEL_PUMP	MISC_VALVE	STRM_CATCHBASINSQUARE	WTR_BACKFLOWPREVENTOR
ELEC_MANHOLE	FUEL_RISER	OIL_CONTINUES	STRM_CLEANOUT	WTR_CONTINUES
ELEC_METER	FUEL_UST	OIL_EOI	STRM_CONTINUES	WTR_EOI
ELEC_MISC	FUEL_VALVE	OIL_MANHOLE	STRM_ENDPIPE	WTR_HYDRANT
ELEC_PANEL	FUEL_VAULT	OIL_MISC	STRM_EOI	WTR_MANHOLE
ELEC_POWERPOLE	FUEL_VENT	OIL_PUMP	STRM_LIFTSTATION	WTR_METER
ELEC_SIGN	GAS_AST	OIL_RISER	STRM_MANHOLE	WTR_MISC
ELEC_SITELIGHT	GAS_CONTINUES	OIL_TANK	STRM_MISC	WTR_POSTINDICATORVALVE
ELEC_TRANSFORMER	GAS_EOI	OIL_UST	STRM_ROOFDRAIN	WTR_RISER
ELEC_UTILITYPOLE	GAS_MANHOLE	OIL_VALVE	STRM_TRENCHDRAIN	WTR_VALVE
ELEC_VAULT	GAS_METER	OIL_VAULT	STRM_UST	WTR_WELLHEAD
FIRE_BACKFLOWPREVENTOR	GAS_MISC	OIL_VENT	STRM_VAULT	BUILDING CORNER
FIRE_CONTINUES	GAS_PUMP	SAN_CLEANOUT	STRM_VENT	FLAGPOLE
FIRE_EOI	GAS_RISER	SAN_CONTINUES	STRM_YARDBASIN	GRAVE
FIRE_HYDRANT	GAS_UST	SAN_EOI	TRAF_BOX	GRAVE
FIRE_MANHOLE	GAS_VALVE	SAN_GREASETRAP	TRAF_CABINET	HEADSTONE NO GRAVE
FIRE_METER	GAS_VAULT	SAN_INVERT	TRAF_CONTINUES	MAILBOX
FIRE_MISC	GAS_VENT	SAN_LIFTSTATION	TRAF_EOI	POST
FIRE_POSTINDICATORVALVE	IRR_BACKFLOWPREVENTOR	SAN_MANHOLE	TRAF_MANHOLE	PROPOSED BY OTHERS
FIRE_RISER	IRR_CONTINUES	SAN_MARKER	TRAF_MISC	SATELLITE
FIRE_VALVE	IRR_CONTROL VALVE	SAN_MISC	TRAF_PARKINGMETER	SIGN
	IRR_EOI	SAN_SEPTICTANK	TRAF_POLE	SOIL BORING MARKER
	IRR_MISC	SAN_VAULT	TRAF_SIGN	
	IRR_RISER	SAN_VENT	TRAF_SIGNAL	
	IRR_SPRINKLER		TRAF_STREETLIGHT	
			TREE_CONIFEROUS	

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: April 4, 2024

Ms. Theresa Heirshberg
Enercon Services, Inc.
4111 Broad St., Suite 210
San Luis Obispo, CA 93401
Tel: (805) 443-7641 E-Mail: THeirshberg@Enercon.com

Project: **Remington**
Project No.: **ENC-240101**
Lab I.D.: **240328-39 through -62**

Dear Ms. Heirshberg:

The **analytical results** for the soil samples, received by our laboratory on March 28, 2024, are attached. The samples were received chilled, intact and accompanying chain of custody record.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Pearl Wong
Quality Manager

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the **Laboratory Manager or Manager's Designee, as verified by the above** signature which applies to this PDF File as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of ELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

LABORATORY REPORT

CUSTOMER: Enercon Services, Inc.
4111 Broad St., Suite 210
San Luis Obispo, CA 93401
Tel: (805) 443-7641 E-Mail: THeirshberg@Enercon.com

PROJECT: Remington PROJECT No.: ENC-240101
MATRIX: SOIL DATE RECEIVED: 03/28/24
SAMPLING DATE: 03/27/24 DATE ANALYZED: 03/29/24
REPORT TO: MS. THERESA HEIRSHBERG DATE REPORTED: 04/04/24

EPA 6010B FOR TTLC-ARSENIC/LEAD
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ARSENIC RESULT	DF	LEAD RESULT	DF
B3-0.5	240328-41	9.68	1	16.6	1
B7-0.5	240328-45	7.89	1	7.25	1
B11-0.5	240328-49	7.41	1	5.04	1
Method Blank	---	ND	1	ND	1
	PQL	0.50		0.50	

COMMENTS:

DF = Dilution Factor

PQL = Practical Quantitation Limit

Actual Detection Limit = DF X PQL

ND = Non-Detected or below the Actual Detection Limit

TTLC = Total Threshold Limit Concentration

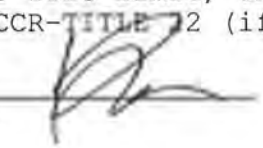
STLC = Soluble Threshold Limit Concentration

TTLC Limit for Arsenic = 500 PPM / STLC Limit for Arsenic = 5 PPM

TTLC Limit for lead = 1000 PPM / STLC Limit for lead = 5 PPM

* = STLC analysis is recommended (if marked)

*** = The concentration exceeds the TTLC Limit, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

DATA REVIEWED AND APPROVED BY: 
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 3/29/2024

Unit : mg/Kg(ppm)

Analysis	Spk.Sample ID	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic (As)	240328-2	50.0	99	PASS	0	50.0	52.9	108	52.3	105	1
Cadmium (Cd)	240328-2	50.0	114	PASS	15.0	50.0	69.7	109	69.7	109	0
Lead (Pb)	240328-2	50.0	114	PASS	3.16	50.0	56.8	107	56.7	107	0

ANALYSIS DATE. : 3/29/2024

Analysis	Spk. Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	240328-2	0.125	95	PASS	0	0.125	0.1090	87	0.113	90	3

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic (As)	PASS	PASS	PASS	PASS
Cadmium (Cd)	PASS	PASS	PASS	PASS
Lead (Pb)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	70~ 130	70~ 130	85 ~ 115	0 ~ 20

ANALYST: 

FINAL REVIEWER: 

*=Fail due to matrix interference

Note:LCS is in control therefore results are in control

LABORATORY REPORT

CUSTOMER: **Enercon Services, Inc.**
4111 Broad St., Suite 210
San Luis Obispo, CA 93401
Tel: (805) 443-7641 E-Mail: THeirshberg@Enercon.com

PROJECT: **Remington**

PROJECT No.: **ENC-240101**

MATRIX: **SOIL**

DATE RECEIVED: **03/28/24**

SAMPLING DATE: **03/27/24**

DATE EXTRACTED: **03/28/24**

REPORT TO: **MS. THERESA HEIRSHBERG**

DATE ANALYZED: **03/28/24**

DATE REPORTED: **04/04/24**

SAMPLE I.D.: **B1/2/3/4-0.5 (Composite)**

LAB I.D.: **240328-39/40/41/42 (Composite)**

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	10
alpha-BHC	ND	0.001	10
beta-BHC	ND	0.001	10
gamma-BHC (Lindane)	ND	0.001	10
delta-BHC	ND	0.001	10
alpha-Chlordane	ND	0.001	10
gamma-Chlordane	ND	0.001	10
Total Chlordane (Technical)	ND	0.005	10
4,4'-DDD	ND	0.001	10
4,4'-DDE	0.020	0.001	10
4,4'-DDT	0.023	0.001	10
Dieldrin	ND	0.001	10
Endosulfan I	ND	0.001	10
Endosulfan II	ND	0.001	10
Endosulfan Sulfate	ND	0.001	10
Endrin	ND	0.001	10
Endrin Aldehyde	ND	0.001	10
Endrin Ketone	ND	0.001	10
Heptachlor Epoxide	ND	0.001	10
Heptachlor	ND	0.001	10
Methoxychlor	ND	0.001	10
Toxaphene	ND	0.020	10

COMMENTS:

DF = DILUTION FACTOR

PQL = PRACTICAL QUANTITATION LIMIT

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Enercon Services, Inc.

4111 Broad St., Suite 210

San Luis Obispo, CA 93401

Tel: (805) 443-7641

E-Mail: THeirshberg@Enercon.com

PROJECT: Remington

PROJECT No.: ENC-240101

DATE RECEIVED: 03/28/24

MATRIX: SOIL

DATE EXTRACTED: 03/28/24

SAMPLING DATE: 03/27/24

DATE ANALYZED: 03/28/24

REPORT TO: MS. THERESA HEIRSHBERG

DATE REPORTED: 04/04/24

SAMPLE I.D.: B5/6/7/8-0.5 (Composite)

LAB I.D.: 240328-43/44/45/46 (Composite)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxychlor	ND	0.001	1
Toxaphene	ND	0.020	1

COMMENTS:

DF = DILUTION FACTOR

PQL = PRACTICAL QUANTITATION LIMIT

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY:

CAL-DHS ELAP CERTIFICATE No.: 1555

LABORATORY REPORT

CUSTOMER: Enercon Services, Inc.
4111 Broad St., Suite 210
San Luis Obispo, CA 93401
Tel: (805) 443-7641 E-Mail: THeirshberg@Enercon.com

PROJECT: Remington

PROJECT No.: ENC-240101

MATRIX: SOIL

DATE RECEIVED: 03/28/24

SAMPLING DATE: 03/27/24

DATE EXTRACTED: 03/28/24

REPORT TO: MS. THERESA HEIRSHBERG

DATE ANALYZED: 03/28/24

DATE REPORTED: 04/04/24

SAMPLE I.D.: B9/10/11/12-0.5 (Composite)

LAB I.D.: 240328-47/48/49/50 (Composite)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxychlor	ND	0.001	1
Toxaphene	ND	0.020	1

COMMENTS:

DF = DILUTION FACTOR

PQL = PRACTICAL QUANTITATION LIMIT

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Enercon Services, Inc.
4111 Broad St., Suite 210
San Luis Obispo, CA 93401
Tel: (805) 443-7641 E-Mail: THeirshberg@Enercon.com

PROJECT: Remington

PROJECT No.: ENC-240101

DATE RECEIVED: 03/28/24

MATRIX: SOIL

DATE EXTRACTED: 03/28/24

SAMPLING DATE: 03/27/24

DATE ANALYZED: 03/28/24

REPORT TO: MS. THERESA HEIRSHBERG

DATE REPORTED: 04/04/24

METHOD BLANK REPORT FOR LAB I.D.: 240328-39/40/41/42 (COMPOSITE),
240328-43/44/45/46 (COMPOSITE), 240328-47/48/49/50 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Aldrin	ND	0.001	1
alpha-BHC	ND	0.001	1
beta-BHC	ND	0.001	1
gamma-BHC (Lindane)	ND	0.001	1
delta-BHC	ND	0.001	1
alpha-Chlordane	ND	0.001	1
gamma-Chlordane	ND	0.001	1
Total Chlordane (Technical)	ND	0.005	1
4,4'-DDD	ND	0.001	1
4,4'-DDE	ND	0.001	1
4,4'-DDT	ND	0.001	1
Dieldrin	ND	0.001	1
Endosulfan I	ND	0.001	1
Endosulfan II	ND	0.001	1
Endosulfan Sulfate	ND	0.001	1
Endrin	ND	0.001	1
Endrin Aldehyde	ND	0.001	1
Endrin Ketone	ND	0.001	1
Heptachlor Epoxide	ND	0.001	1
Heptachlor	ND	0.001	1
Methoxychlor	ND	0.001	1
Toxaphene	ND	0.020	1

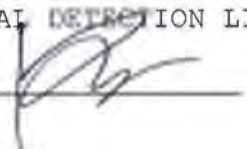
COMMENTS:

DF = DILUTION FACTOR

PQL = PRACTICAL QUANTITATION LIMIT

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081A QA/QC Report

Matrix: **Soil/Solid/Liquid(Oil)**
Unit: **mg/Kg (ppm)**

Date Analyzed: **3/28/24**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **240328-LCS1/2**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.00500	0.00530	106%	0.00526	105%	1%	0-20%	70-130
Aldrin	0.000	0.00500	0.00520	104%	0.00512	102%	2%	0-20%	70-130
4,4-DDE	0.000	0.00500	0.00525	105%	0.00505	101%	4%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.00509	102%	75-125
Aldrin	0.00500	0.00501	100%	75-125
4,4-DDE	0.00500	0.00500	100%	75-125
Dieldrin	0.00500	0.00503	101%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	240321-1	240326-8	240327-1	240327-2	240327-3	240327-4
Tetra-chloro-meta-xylene	50-150	100%	90%	102%	102%	84%	94%	98%
Decachlorobiphenyl	50-150	97%	88%	192%*	92%	86%	91%	96%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		240327-5	240327-6	240328-4,5	240328-7,8	240328-10,11	240328-13,14	240328-39-42
Tetra-chloro-meta-xylene	50-150	108%	117%	104%	109%	114%	115%	96%
Decachlorobiphenyl	50-150	100%	106%	92%	90%	95%	107%	135%

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		240328-43-46	240328-47-50					
Tetra-chloro-meta-xylene	50-150	109%	118%					
Decachlorobiphenyl	50-150	94%	104%					

S.R. = Sample Result

* = Surrogate fail due to matrix interference (If Marked)

spk conc = Spike Concentration

Note: LCS, MS, MSD are in control therefore results are in control.

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: 

Final Reviewer: 

LABORATORY REPORT

CUSTOMER: **Enercon Services, Inc.**
4111 Broad St., Suite 210
San Luis Obispo, CA 93401
Tel: (805) 443-7641 E-Mail: THeirshberg@Enercon.com

PROJECT: **Remington**

PROJECT No.: **ENC-240101**

MATRIX: SOIL

DATE RECEIVED: 03/28/24

SAMPLING DATE: 03/27/24

DATE EXTRACTED: 04/02-03/24

REPORT TO: MS. THERESA HEIRSHBERG

DATE ANALYZED: 04/03/24

DATE REPORTED: 04/04/24

SAMPLE I.D.: **B1/2/3/4-0.5 (Composite)**

LAB I.D.: 240328-39/40/41/42 (Composite)

Organophosphorus Pesticides Analysis

Method: EPA 8141A

Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Azinphos Methyl	ND	0.05	1
Bolstar (Sulprofos)	ND	0.05	1
Chlorpyrifos	ND	0.05	1
Coumaphos	ND	0.05	1
Demeton-O	ND	0.05	1
Demeton-S	ND	0.05	1
Diazinon	ND	0.05	1
Dichlorvos	ND	0.05	1
Disulfoton	ND	0.05	1
Ethoprop	ND	0.05	1
Fensulfothion	ND	0.05	1
Fenthion	ND	0.05	1
Merphos	ND	0.05	1
Methyl Parathion	ND	0.05	1
Mevinphos	ND	0.10	1
Naled	ND	0.10	1
Phorate	ND	0.05	1
Ronnel	ND	0.05	1
Tetrachlorvinphos (Stirophos)	ND	0.05	1
Tokuthion (Prothiofos)	ND	0.05	1
Trichloronate	ND	0.05	1

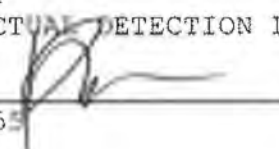
COMMENTS:

DF = DILUTION FACTOR

PQL = PRACTICAL QUANTITATION LIMIT

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: 

CAL-DHS ELAP CERTIFICATE No.: 1555

LABORATORY REPORT

CUSTOMER: **Enercon Services, Inc.**
4111 Broad St., Suite 210
San Luis Obispo, CA 93401
Tel: (805) 443-7641 E-Mail: THeirshberg@Enercon.com

PROJECT: **Remington**

PROJECT No.: **ENC-240101**

MATRIX: SOIL

DATE RECEIVED: 03/28/24

SAMPLING DATE: 03/27/24

DATE EXTRACTED: 04/02-03/24

REPORT TO: MS. THERESA HEIRSHBERG

DATE ANALYZED: 04/03/24

DATE REPORTED: 04/04/24

SAMPLE I.D.: **B5/6/7/8-0.5 (Composite)**

LAB I.D.: **240328-43/44/45/46 (Composite)**

Organophosphorus Pesticides Analysis

Method: EPA 8141A

Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Azinphos Methyl	ND	0.05	1
Bolstar (Sulprofos)	ND	0.05	1
Chlorpyrifos	ND	0.05	1
Coumaphos	ND	0.05	1
Demeton-O	ND	0.05	1
Demeton-S	ND	0.05	1
Diazinon	ND	0.05	1
Dichlorvos	ND	0.05	1
Disulfoton	ND	0.05	1
Ethoprop	ND	0.05	1
Fensulfothion	ND	0.05	1
Fenthion	ND	0.05	1
Merphos	ND	0.05	1
Methyl Parathion	ND	0.05	1
Mevinphos	ND	0.10	1
Naled	ND	0.10	1
Phorate	ND	0.05	1
Ronnel	ND	0.05	1
Tetrachlorvinphos (Stiropfos)	ND	0.05	1
Tokuthion (Prothiofos)	ND	0.05	1
Trichloronate	ND	0.05	1

COMMENTS:

DF = DILUTION FACTOR

PQL = PRACTICAL QUANTITATION LIMIT

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

LABORATORY REPORT

CUSTOMER: **Enercon Services, Inc.**
4111 Broad St., Suite 210
San Luis Obispo, CA 93401
Tel: (805) 443-7641 E-Mail: THeirshberg@Enercon.com

PROJECT: **Remington**

PROJECT No.: **ENC-240101**

MATRIX: **SOIL**

DATE RECEIVED: **03/28/24**

SAMPLING DATE: **03/27/24**

DATE EXTRACTED: **04/02-03/24**

REPORT TO: **MS. THERESA HEIRSHBERG**

DATE ANALYZED: **04/03/24**

DATE REPORTED: **04/04/24**

SAMPLE I.D.: **B9/10/11/12-0.5 (Composite)**

LAB I.D.: **240328-47/48/49/50 (Composite)**

Organophosphorus Pesticides Analysis

Method: **EPA 8141A**

Unit: **mg/Kg = Milligram Per Kilogram = PPM**

PARAMETER	SAMPLE RESULT	PQL	DF
Azinphos Methyl	ND	0.05	1
Bolstar (Sulprofos)	ND	0.05	1
Chlorpyrifos	ND	0.05	1
Coumaphos	ND	0.05	1
Demeton-O	ND	0.05	1
Demeton-S	ND	0.05	1
Diazinon	ND	0.05	1
Dichlorvos	ND	0.05	1
Disulfoton	ND	0.05	1
Ethoprop	ND	0.05	1
Fensulfothion	ND	0.05	1
Fenthion	ND	0.05	1
Merphos	ND	0.05	1
Methyl Parathion	ND	0.05	1
Mevinphos	ND	0.10	1
Naled	ND	0.10	1
Phorate	ND	0.05	1
Ronnel	ND	0.05	1
Tetrachlorvinphos (Stiophos)	ND	0.05	1
Tokuthion (Prothiofos)	ND	0.05	1
Trichloronate	ND	0.05	1

COMMENTS:

DF = DILUTION FACTOR

PQL = PRACTICAL QUANTITATION LIMIT

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY: _____

CAL-DHS ELAP CERTIFICATE No.: 1555

METHOD BLANK REPORT

CUSTOMER: Enercon Services, Inc.
4111 Broad St., Suite 210
San Luis Obispo, CA 93401
Tel: (805) 443-7641 E-Mail: THeirshberg@Enercon.com

PROJECT: Remington

PROJECT No.: ENC-240101

MATRIX: SOIL

DATE RECEIVED: 03/28/24

SAMPLING DATE: 03/27/24

DATE EXTRACTED: 04/02-03/24

REPORT TO: MS. THERESA HEIRSHBERG

DATE ANALYZED: 04/03/24

DATE REPORTED: 04/04/24

METHOD BLANK REPORT FOR LAB I.D.: 240328-39/40/41/42 (COMPOSITE),
240328-43/44/45/46 (COMPOSITE), 240328-47/48/49/50 (COMPOSITE)

Organophosphorus Pesticides Analysis

Method: EPA 8141A

Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	DF
Azinphos Methyl	ND	0.05	1
Bolstar (Sulprofos)	ND	0.05	1
Chlorpyrifos	ND	0.05	1
Coumaphos	ND	0.05	1
Demeton-O	ND	0.05	1
Demeton-S	ND	0.05	1
Diazinon	ND	0.05	1
Dichlorvos	ND	0.05	1
Disulfoton	ND	0.05	1
Ethoprop	ND	0.05	1
Fensulfothion	ND	0.05	1
Fenthion	ND	0.05	1
Merphos	ND	0.05	1
Methyl Parathion	ND	0.05	1
Mevinphos	ND	0.10	1
Naled	ND	0.10	1
Phorate	ND	0.05	1
Ronnel	ND	0.05	1
Tetrachlorvinphos (Stirophos)	ND	0.05	1
Tokuthion (Prothiofos)	ND	0.05	1
Trichloronate	ND	0.05	1

COMMENTS:

DF = DILUTION FACTOR

PQL = PRACTICAL QUANTITATION LIMIT

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

DATA REVIEWED AND APPROVED BY:

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8141A QA/QC Report

Matrix: **Solid/Soil/Sludge/Liquid**

Date Analyzed: **4/3/2024**

Unit: **mg/Kg (PPM)**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **240328-39~42 MS/MSD**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Ethoprop	0.00	0.250	0.259	104%	0.243	97%	6%	0-30%	40-140
Phorate	0.00	0.250	0.215	86%	0.209	84%	3%	0-30%	40-140
Ronnel	0.00	0.250	0.235	94%	0.227	91%	3%	0-30%	40-140
Bolstar	0.00	0.250	0.218	87%	0.213	85%	2%	0-30%	40-140

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Ethoprop	0.250	0.227	91%	40-140
Phorate	0.250	0.207	83%	40-140
Ronnel	0.250	0.224	90%	40-140
Bolstar	0.250	0.213	85%	40-140

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		M-BLK	240328-39~42	240328-43~46	240328-47~50	240329-16	240329-17	
Tributyl Phosphate	40-140	77%	98%	95%	89%	70%	70%	
Triphenyl Phosphate	40-140	92%	131%	124%	120%	93%	94%	

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.								
Tributyl Phosphate	40-140							
Triphenyl Phosphate	40-140							

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.								
Tributyl Phosphate	40-140							
Triphenyl Phosphate	40-140							

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

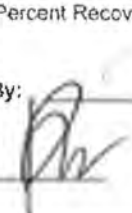
ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

* = Surrogate fail due to matrix interference (If Marked)

Note: LCS, MS, MSD are in control therefore results are in control.

Analyzed and Reviewed By: 

Final Reviewer: 

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
☐ Same Day
☐ 24 Hours
☐ 48 Hours
☐ 72 Hours
☒ 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required	COMMENTS
B1-0.5	240328-39	3/27/24	1142	Soil	1	40	N/A		Composite #1 for OCPs-OPPS
B2-0.5	-40		1122						
B3-0.5	-41		1058					X	
B4-0.5	-42		1041						
B5-0.5	-43		1020						Composite #2 for OCPs-OPPS
B6-0.5	-44		1005						
B7-0.5	-45		1210					X	
B8-0.5	-46		1230						
B9-0.5	-47		1443						Composite #3 for OCPs-OPPS
B10-0.5	-48		1506						
B11-0.5	-49		1522					X	
B12-0.5	-50		1540						
B1-2	-51		1151					X	
B2-2	-52		1130					X	
B3-2	-53		1110					X	

Company Name: Emerson Services, Inc.		Project Contact: Theresa Heirshberg		Sampler's Signature: Matthew Penkban	
Address: 4111 Beard St, Suite 210		Tel: 805-443-7641		Project Name/ID: Remington	
City/State/Zip: San Luis Obispo, CA 93401		Fax/Email: theirshberg@emerson.com		ENC-240101	
Relinquished by: Matthew Penkban	Received by: [Signature]	Date & Time: 3/28/24 2:45	Instructions for Sample Storage After Analysis:		
Relinquished by:	Received by:	Date & Time:	☐ Dispose of ☐ Return to Client ☐ Store (30 Days) ☐ Other:		
Relinquished by:	Received by:	Date & Time:			

CHAIN OF CUSTODY RECORD

Date: **3/28/24**

WHITE WITH SAMPLE • YELLOW TO CLIENT

CA-DHS ELAP CERTIFICATE #1555

Other:

Relinquished by:

Page 2 of 2

APPENDIX G
RESUMES



Beth P. Ullom, P. G.

Principal Technical Specialist

Professional Years of Experience - 45

EDUCATION: M.S. Geology/Geophysics, Kent State University
B.S. Geosciences (Geophysics Option), *Cum laude*, University of Texas at Dallas
B.A. Biological Sciences, Indiana University

PROFESSIONAL ASSOCIATIONS: Professional Geologist: Pennsylvania (#005148), Virginia (# 002073)

NOTABLE SKILLS: Geochemical, geological, geophysical, and biological science consulting expertise

SUMMARY: Ms. Ullom is a Principal Technical Specialist for ENERCON. Due to her educational and experience background over a lengthy career, she works across company divisions to provide expertise in geology, geophysics and biology to the Energy and Nuclear Services Groups within the company. She manages projects as diverse as geotechnical drilling to wetland delineation, and mentors junior staff in their performance of these types of projects.

ENERCON PROFESSIONAL EXPERIENCE

Senior Technical Specialist-Environmental Services Group Ms. Ullom is a Principal Technical Specialist for ENERCON's ERES Group in the Utilities and Industrial Division of the Energy Group. In this capacity, she manages or performs and reports on Phase I and Phase II environmental site assessments (ESAs), performs senior technical review of ESAs and other reports, auditing of oil and gas facilities, corridor studies, and management of wetland delineations, stormwater sampling, groundwater well installation and sampling, geotechnical drilling, Tier II reporting, and environmental compliance studies for SPCC plans. Ms. Ullom has extensive experience with geophysical surveys, including GPR, seismic reflection, magnetic and EM surveys, many of which were performed for utility customers. The responsibilities of her role include the preparation of stand-alone environmental proposals, as well as proposals in conjunction with other company divisions and disciplines, including the Power Delivery Group and the Nuclear Services Group.

Merger and Acquisition Due Diligence: During multi-year projects, managed and performed field work for several of Enercon's major oil and gas customers, which included visits to oil and gas well sites to determine the environmental condition of the properties proposed for asset acquisition and/or merger. Prepared Phase I ESA reports in substantial compliance with current version of ASTM-1527.

Oil and Gas Clients Environmental Compliance and NEPA Studies: Managed and performed environmental auditing and NEPA clearance investigations for the siting of hundreds of conventional and unconventional oil and gas well sites and pipelines in the Marcellus and Utica Shale plays in Pennsylvania and Ohio for Enercon's oil and gas upstream and midstream customers. The work included site audits for Clean Water Act Compliance, including wetland and stream delineation, threatened and endangered species identification, and acquisition of relevant clearances and permits through state and Federal regulatory agencies.

Corridor Studies and Geotechnical Site Assessments: For Enercon's power and utility customers, prepared transmission line corridor (routing) studies, which included preparation of reports of reviews of environmental, demographic, and cultural features along proposed line routes. Managed geotechnical site assessments, including geophysical studies, surveying, and geotechnical drilling and laboratory testing for transmission lines and nuclear power plant sites.



PREVIOUS PROFESSIONAL EXPERIENCE

BRS 02/2019-11/15/2019 Hunker Pennsylvania **Manager, Environmental Services**

Tier II Reporting and SPCC plan preparation: Managed the data acquisition and reporting of Tier II reporting for hundreds of wells for confidential major oil and gas operator in Ohio. Trained junior staff to perform reporting in the future. Managed data acquisition and site visits for SPCC plan preparation for major oil and gas operators in Ohio. Prepared SPCC plans.

Wetland Delineations: Managed wetland delineations and characterization of WOTUS for major oil and gas operators in Pennsylvania. Provided senior technical review of reports.

Tri-County Engineering (wholly owned subsidiary of ENERCON) 2015-2019, Hunker, Pennsylvania **Environmental Manager**

Oil and gas permitting and reporting services: For Tri-County's oil and gas customers in Pennsylvania and Ohio, management of annual Tier II reporting, preparation of SPCC plans, geotechnical assessments, wetland delineations, cultural assessments, threatened and endangered species studies and Phase I Environmental Site Assessments for major oil and gas operators.

Phase I Environmental Site Assessments: Management of performance of ESAs for Tri-County's oil and gas and commercial customers in the eastern U.S. Senior technical review of ESAs performed by others for major banking client.

Compliance: Management and training of staff to perform water sampling for the start-up of a gas-fired power plant for major gas utility client.

Restore America 2008- 2011, Ashland, Kentucky and Cape Girardeau, Missouri **Manager, Environmental Services**

Geochemical, geological, geophysical, occupational safety and environmental consulting tasks: Used knowledge of environmental and OSHA compliance issues which included worker health and safety and control of hazardous and regulated materials on the job site, to assist multiple industrial, building trade, and commercial customers achieve compliance in multiple states.

Presentation of safety, environmental and geological topic seminars: At request of municipal and commercial customers provided training seminars on topics including "Environmental Compliance (Phase I and II Environmental Site Assessments, Phase III-Remediation)," "Geologic Hazards," "New Madrid Seismic Zone Earthquakes," "Asbestos, Mold, and Lead Based Paint," "Wetlands."

Interface with regulatory agencies: Regular and successful interface with Ohio EPA, Ohio DOL, Missouri DNR, Missouri DOL, Federal OSHA, MSHA, USEPA, US Army Corps of Engineers



Bowser Morner Engineering 2005-2008- Dayton, Ohio

Senior Environmental Scientist III, Project Manager - Environmental Division - Engineering Department

Geological and environmental consulting tasks: Managed multi-task assignments consisting of geophysical and geological site characterizations and hydrogeologic site assessments, geotechnical drilling, wetland determination and delineation, and design and installation of numerous groundwater monitoring wells, underground storage tank closures, Phase I and Phase II environmental site assessments, as well as remediation activities in multiple states in the U.S. Sites included construction and demolition debris landfills, solid waste landfills, industrial and manufacturing facilities, retail gasoline stations, food manufacturing facilities, public schools, municipal facilities, dry cleaners, large acreage public and private properties. Prepared proposals in response to requests for projects ranging in size from simple environmental site assessments to remediation of a steel mill.

Regulatory compliance: Assessment and permitting consulting in multiple states, including Ohio, Kentucky, Tennessee, Pennsylvania, New York, New Jersey, and Indiana. Interfaced with environmental, natural resources, and other regulatory agencies in multiple states, and with representatives of the USEPA and US Army Corps of Engineers. Preparation and/or management of preparation of environmental permits and license applications for numerous construction and demolition debris landfills and two industrial residual waste landfills in Ohio.

Expert Witness: Arbitration testimony, including expertise in wetland characterization, related to siting of landfills, which resulted in successful outcome for customers. Prepared exhibits, maps, and expert witness reports related to geology, hydrogeology and wetlands issues.

Technical Reporting: Preparation of technical reports and review of reports prepared by others for projects ranging from Phase I ESA's to complex Phase II site assessments as well as remediation projects and geologic and hydrogeologic site assessments, wetland delineations, and NEPA reports.

Vadose Research, Inc., 1989-2005, Canton, Ohio

Co-Owner and Corporate Project Manager, Vadose Research, Inc., Canton, OH

Project Management: Provided oversight of all aspects of project work for this family business from sales effort to client contact to project initiation, management, reporting and completion. Versatility with multiple disciplines ranging from geology and geophysics to chemical analyses, human environmental risk, microbiology, and occupational safety. Prepared proposals for residential, commercial, industrial, state, and federal customers. Managed technical and administrative staff.

Regulatory Compliance: Used extensive knowledge of various Federal and State regulations to assist customers gain regulatory compliance in multiple states, including Ohio, Pennsylvania, New York, West Virginia, Kentucky, Indiana, Tennessee, Nevada, and Montana

Expert Witness: Expert witness services related to the decommissioning of a large industrial facility where soil and groundwater had been impacted by regulated chemicals.

Environmental Site Assessment: Performed or managed hundreds of Phase I environmental site assessments according to current version of ASTM E 1527. Performed or managed Phase II environmental site assessments for sites with soil, surface water and/or groundwater suspected or known to be contaminated with regulated substances; designed groundwater monitoring systems for Phase II sampling; managed asbestos and lead based paint testing through qualified subcontractors and prepared reports where appropriate; managed and reported results for testing for bacteria and mold in commercial and residential facilities. Provided peer review of environmental due diligence documents



prepared by others for commercial and industrial clients and groups such as insurance companies.

Soil Vapor Assessments: Designed and performed soil gas surveys and analysis of soil gas samples using gas chromatography. Prepared reports of findings and recommendations.

Ohio Voluntary Action Program: Managed field work and prepared reports of findings, under direction of Ohio VAP certified professional, associated with three Covenants Not to Sue in Ohio VAP

Site characterizations: Geological, geotechnical drilling, wetland determination and delineation, and installation of groundwater monitoring wells, underground storage tank closures, as well as remediation activities. Sites included construction and demolition debris landfills, solid waste landfills, industrial and manufacturing facilities, lead smelters, gun ranges, retail gasoline stations, food manufacturing facilities, public schools, municipal facilities, dry cleaners, large acreage, and linear public and private properties.

Merger and acquisition due diligence and environmental assessment: Site auditing and reporting for oil and gas well fields, individual wellheads, compressor stations, and tank facilities associated with oil and gas wells in New York, Pennsylvania, Ohio, West Virginia, and Virginia for major oil and gas producer. Managed and reported results of environmental testing for contamination of groundwater following drilling of new oil and gas wells.

Environmental compliance: Site auditing and permitting for air, water, disposal, etc., including Title V air permits, PTIs, PTOs, SWPPPs, SPCC plans, 404 permits and 401 water quality permits

Geophysical Site Assessments: Designed and managed acquisition of geophysical data, including seismic reflection and refraction, ground penetrating radar, borehole radar, and gravity and magnetic data as well as processing and reporting results of those surveys for commercial, industrial, and oil and gas clients.

Contract research: In-depth research and investigation for technical reports, including research for commercial and industrial clients on specialized topics such as solvent detection, natural attenuation of hazardous materials, and gas detection for earthquake prediction.

Guest Professor, 2004, Kent State University, Stark Campus, North Canton, OH

Taught physical and environmental geology and associated laboratories

Adjunct Faculty, Professor, 1990-1994, University of Akron, Wayne College, Orrville, OH

Taught physical and environmental geology and associated laboratories. Developed survey courses in hazardous waste, petroleum contaminated soils, earthquakes.

Consultant, 1986-1989, Canton, OH

Independent consultant in geology and geophysics while in graduate school

Geophysical Research Team Member, 1986, University of Texas at Dallas, Richardson TX

Performed gravity data and seismic velocity analyses, and seismic survey at Nevada Test Site

Geophysical Analyst, 1983-1985, Placid Oil Company, Dallas, TX

Team member performing seismic data digitizing, interpretation, processing, mapping, velocity analyses, and collation of drilling data- Chuckchi Sea, Beaufort Sea, Gulf of Mexico



Brief Bio

During her 45-year career, Ms. Ullom has acquired unique expertise in geological, geophysical, and environmental disciplines due to her educational and experience background. She is a registered professional geologist in Pennsylvania (#PG005148) and Virginia (#002073). With technical expertise in environmental and geologic site characterization, Ms. Ullom has supervised, performed, and reported results of a large number of Phase I through complex Phase II site assessments, geophysical site characterization activities, geological site characterizations and hydrogeologic site assessments, monitoring well installation, geotechnical drilling, wetland determination and delineation, and environmental remediation projects. Ms. Ullom has also served as an expert witness about many of the same issues. She regularly performs consulting to the energy sector, including oil and gas, renewables, and utility customers, for site characterization issues related to geology and geophysics, soils, surface water, groundwater, and wetlands, and successfully interfaces on a routine basis with regulatory agencies at the Federal, State, and local levels.

THERESA L. HEIRSHBERG, MS PG

Principal – Environmental Geologist

Professional Years of Experience – Thirty years

EDUCATION:

Bachelor of Science in Geology, Arizona State University

- ❖ Mineralogical Student of Year
- ❖ Student Representative to Faculty

Master of Science in Geology, University of California Los Angeles

- ❖ Thesis Topic: Saugus Formation in Ventura Basin of Southern California – Petrographic Analysis

California Professional Geologist No.8712

Oregon Registered Geologist No.G2886

Ventura County Well Inspector

Theresa L. Heirshberg is a Professional Geologist licensed in the states of California and Oregon. Ms. Heirshberg performs environmental assessments that conform to the published American Society for Testing and Materials (ASTM) standards - ASTM E1527-21 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process and ASTM E2600-22 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions. Ms. Heirshberg has prepared Phase I and II ESAs for all property types but has specialized expertise in complex industrial properties, master portfolios, gas stations, auto repair facilities, sites within NPLs, and oil fields. Ms. Heirshberg provides clients detailed comprehensive quality reports, regulatory guidance, and efficient solutions. Ms. Heirshberg has over thirty years of experience with Southern California geology and participates in local, regional and national geologic organizations such as an active member of the ASTM E1527-21 committee and former President Coast Geological Society as well as treasurer (two-year term), vice president and past president.

PROFESSIONAL EXPERIENCE

Professional Geological Work Experience:

Environmental Geology

- ❖ Phase I ESAs – Conventional and SBA Loans
- ❖ Phase II Subsurface Investigations – Soil, Soil Vapor, Groundwater
- ❖ Phase III Remediation Investigations
- ❖ Hydrogeology – Groundwater Investigations
- ❖ Technical Reviews – Environmental Reports
- ❖ TSAs for Commercial Real Estate
- ❖ Environmental Compliance

Environmental Assessments - Responsibilities include proposal writing including scope and cost estimate, environmental site health & safety preparations and implementation, fieldwork, boring logs, report preparation, responsible signatory as Professional Geologist.

Petroleum Geology

- ❖ Petroleum Geology Asset Potential & Mudlog Reviews - Determined asset potential from mudlog data; review of mudlogs for finalization including microscope analysis of samples; health & safety program implementation for oil field mudlogging operations including writing of H&S manual, conducting in-office meetings and training, and completing documentation for reporting to clients' databases; review existing and enacted California state environmental regulations pertaining to oil fields.

Engineering Geology

- ❖ Mining – Regional Availability & Aggregate Potential
- ❖ Engineering Geology – Landslide Stability & Groundwater Flow



Example Projects:

- ❖ ENERCON's Medical Facility Fuel Storage Tank Upgrades (Berkeley, California): Residual contamination related to removal of former underground storage tank associated with construction project upgrading to an aboveground storage tank. Oversaw all remedial activities including soil excavation, soil and groundwater sampling, groundwater monitoring; preparation and responsible signatory on submitted reports to the Regional Water Quality Control Board (RWQCB); coordinated with regulatory agency; and achieved case closure for site.
- ❖ ENERCON's Rancho Conejo Project (Newbury Park, California): Installation of two new groundwater monitoring wells at a site that was redeveloped but formerly part of a larger remedial investigation. The monitoring wells were installed to depths greater than 50-feet. Performed all onsite activities including pre-marking, site safety officer, logging borings, sampling, directing drilling crew, coordinating with laboratory, and overseeing well development activities. Prepared, finalized, and stamped boring logs submitted via driller to state well records, the monitoring wells installation report submitted to the Los Angeles Regional Water Quality Control Board, and the well inspector report submitted to Ventura County Public Works Agency.
- ❖ ENERCON's Site Redevelopment Project (South Gate, California): Department of Toxic Substances Control (DTSC) and South Coast Air Quality Management District (AQMD) agencies are overseeing complex remedial activities consisting of removal of impacted soil and assessing subsurface soil vapor and groundwater conditions. The site, due to past operations, was found to have asbestos impacted soil from broken tiles. Key responsibilities include person of responsible charge to DTSC and project manager of all aspects including financials, site coordination, oversight of field and office staff, and preparation of field log summaries and monitoring and site completion reports. During remedial activities, ENERCON is responsible for the monitoring of air quality pertaining to asbestos and fugitive dust, directing areas of excavation including as necessary over-excavation to achieve visual clearance for asbestos, sampling of visual cleared soils for confirmation asbestos analysis, and overseeing the proper disposal of the generated hazardous waste. Prior to remediation, impacted soil required extensive characterization in preparation to determine the appropriate landfill for waste disposal. In addition to asbestos, some metal impacts to soil were found. On behalf of owner, EPA IDs were obtained for the disposal of waste generated from the site under signed manifests. AQMD required all excavation activities at the site for removal of the asbestos impacted soil to be performed by hand digging. Excavation activities are ongoing at this time with 209 field days performed with an estimate completion date of approximate one year from start. Additional onsite field work has consisted of several groundwater monitoring events to characterized groundwater; abandonment of one groundwater monitoring well that was within the footprint of the proposed future building; soil vapor survey with soil sampling to provided additional delineation of volatile organic compounds within shallow soils and determine via human health risk assessment if mitigation measure beyond the proposed vapor barrier are necessary.
- ❖ Oil Field Phase I ESA (Los Angeles County, California): Entire oil field and the associated tank farm were assessed as part of a real estate transaction. Performed all aspects of the Phase I ESA including management, sitewalk, interviews, obtaining historical documents, agency inquiries, figure preparation, writing report, finalizing and stamping. All well sites and oil field facilities were inspected. The associated tank farm was located at a separate site outside of the oil field. Over 20,000 pages of documents were reviewed and documented during the report preparation. The entire Phase I ESA was completed within four weeks solely by Ms. Heirshberg.
- ❖ Phase I ESA (Glendale, California): Phase I ESA was performed as part of bank due diligence upon foreclosure of subject property for lack of payment since inception of loan. Performed all the historical research, agency inquiries, and report write-up. Property owner would not allow site access since in foreclosure; therefore, no sitewalk was performed. In review of all the historical and agency data there was no indication of any environmental concerns. Very little was noted in the city directories pertaining to past occupants of the subject property but one listing showed the name of a larger business operation located on an adjacent block that suggested it was part of that larger facility. An internet search, which was not common practice at the time, using the subject property address and adjacent business name revealed an USEPA environmental lien was placed upon the subject property prior to the original loan incept date. If the one city directory listing had not been researched further than ASTM standard practice, then the Phase I ESA would have had no RECs and the bank client would have assumed the liability of the lien with the completion of foreclosure.

- ❖ Numerous Phase I ESAs (Various Locations) for Gas and Service Stations: Performed all aspects of the Phase I ESAs including management, sitewalk, interviews, obtaining historical documents, agency inquiries, figure preparation, writing report, finalizing and stamping. Inspection of these facilities required complete review of all onsite documentation including business plan, HASP plan, training documents, Spill Prevention Plan (SPCC), Safety Data Sheets (SDS), tank integrity testing, and waste management records such as disposal of waste oil or maintenance of clarifier. Agency records such as fire department and air quality are key records for review at such facilities. Air quality agencies maintain permits for operation such as a service station storage and dispensing of gasoline, flare system, amine treating, etc., and documentation on compliance and emissions. Fire department maintain records for inspections, storage tanks, and hazardous materials used onsite.
- ❖ Numerous Large Acreage Phase I ESAs (Various Rural Locations in United States) for siting of wind and solar farms. Performed all aspects of the Phase I ESA including management, sitewalk, interviews, obtaining historical documents, agency inquiries, figure preparation, writing report, finalizing and stamping.
- ❖ Numerous Phase II ESAs (Various Locations): Performed all aspects of the Phase II ESA including management, field work, logging soils, sampling, figure and boring log preparation, writing report, finalizing and stamping. Characterization of soil cutting and produced water for proper disposal.
- ❖ Phase II ESA (Santa Barbara, California): Performed all aspects of this Phase II ESA including management, field work, logging soils, sampling, figure and boring log preparation, writing report, finalizing and stamping. Multiple field events were necessary to fulfill agency requirements. Achieved case closure with final findings resulting in an environmental activity and use limitation (AUL) restriction placed on the property deed.
- ❖ Environmental Compliance for numerous Construction Sites, Existing Businesses, and Oil Field Operations: Activities include inspections, permitting such as for NPDES and AQMD, preparation of site-specific plans such as SMP and HASP, sampling at facilities to ensure compliance, and review and evaluation of business plans.
- ❖ Santa Monica Mountain Landslide (Los Angeles, California): Performed an engineering geology study of an active landslide in order to stabilize it. Key responsibilities pertained to groundwater flow documentation including hydrographs, cross-sections, and regional weather influence.
- ❖ Mining Sites (Ventura County, California): Contracted to review geology of specific parcels as potential aggregate mining sites. Tasks included scouting accessibility; mapping units; bulk sampling with grain size percentages (i.e. sand, gravel, cobbles, boulders present); analyzing the mineralogical and rock compositions of samples; determining quality of aggregate potential based on ASTM concrete standards and regional availability.

Professional Safety Implementation and Training:

- ❖ Health & Safety for Oil Fields and Environmental Sites
- ❖ Completed Safety Training Programs - Oil Field Passport
- ❖ OSHA 40-hour HAZWOPER

Professional Organizations

- ❖ Coast Geological Society
- ❖ API California Coastal Chapter
- ❖ Pacific Section AAPG
- ❖ ASTM