



PHASE I ENVIRONMENTAL SITE ASSESSMENT

Jeffrey Road/Irvine Center Drive Intersection Improvement Project

City of Irvine, State of California

Prepared in General Accordance with:

ASTM E 1527-13

Standard Practice for Environmental Site Assessments

Prepared for:

Ms. Melissa Dugan

City of Irvine

Public Works Department

1 Civic Center Plaza

Irvine, California 92623

By:

Michael Baker International

5 Hutton Center, Suite 500

Santa Ana, CA 92707

July 2018

JN 161832

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INTERSECTION IMPROVEMENTS PROJECT**

**City of Irvine
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For:

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Ms. Melissa Dugan
City of Irvine
Public Works Department
1 Civic Center Plaza
Irvine, California 92623

SUBJECT: Phase I Environmental Site Assessment for the Jeffrey Road/Irvine Center Drive Intersection Improvements Project, Irvine, California

Dear Ms. Dugan,

Michael Baker International (Michael Baker) is pleased to submit this Phase I Environmental Site Assessment (ESA) for the above referenced project, herein referenced as the "subject site." The goal of this Phase I ESA is to identify recognized environmental conditions (RECs) associated with the subject site. This Phase I ESA has been prepared for the sole use of the **City of Irvine**, for the above-referenced subject site. Neither this Phase I ESA, nor any of the information contained herein, shall be used or relied upon for any purpose by any person or entity other than the **City of Irvine**.

The Phase I ESA was prepared using methods consistent with the ASTM International (ASTM) E 1527-13 Standard Practice for Environmental Site Assessments, the scope of services, and inherent limitations presented in our proposal. The Phase I ESA is not intended to present specific quantitative information as to the actual presence of hazardous substances on or adjacent to the subject site, but is to identify RECs based on available information.

Should you or your staff have any questions or concerns after reviewing the enclosed report, please do not hesitate to contact me at 949/855-5747.

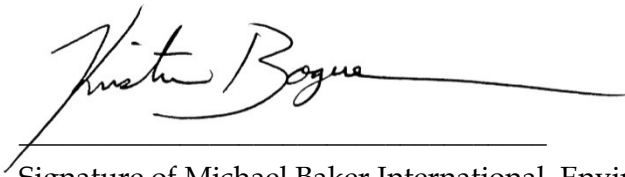
Sincerely,



Kristen Bogue
Planning/Environmental Services

STATEMENT OF ENVIRONMENTAL PROFESSIONAL

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

A handwritten signature in dark ink, reading "Kristen Bogue", with a long horizontal flourish extending to the right. The signature is positioned above a solid horizontal line.

Signature of Michael Baker International, Environmental Professional
Kristen Bogue

TABLE OF CONTENTS

Executive Summary	E-1
Section 1.0 Introduction	1-1
1.1 Purpose.....	1-1
1.2 Detailed Scope of Services	1-1
1.3 Significant Assumptions	1-2
1.4 Limitations, Deviations, and Exceptions	1-2
1.5 User Responsibilities	1-3
1.6 Special Terms and Conditions	1-6
1.7 User Reliance	1-6
Section 2.0 User Provided Information	2-1
2.1 Previous Documents.....	2-1
2.2 Litigation/ Administrative Proceedings	2-2
2.3 Governmental Notices.....	2-2
2.4 Environmental Liens	2-2
2.5 Activity and Use Limitations	2-2
2.6 Specialized Knowledge or Experience.....	2-2
2.7 Commonly Known or Reasonably Ascertainable Information	2-2
2.8 Valuation Reduction for Environmental Issues.....	2-2
2.9 Degree of Obviousness.....	2-3
2.10 Reason for Performing Phase I.....	2-3
Section 3.0 Records Review	3-1
3.1 Physical Setting Sources.....	3-1
3.2 Standard Environmental Records Sources	3-8
3.3 File Record Reviews	3-13
3.4 Historical Use Information on the Subject Site and Adjoining Properties.....	3-16
Section 4.0 Site Reconnaissance	4-1
4.1 Methodology and Limiting Conditions.....	4-1
4.2 On-Site Observations.....	4-1
4.3 Off-Site Observations	4-7

Section 5.0	Interviews.....	5-1
5.1	Property Owner	5-1
5.2	Key Site Manager/Operator.....	5-1
5.3	Occupants.....	5-1
5.4	Local Government Officials.....	5-2
5.5	Other Persons	5-2
Section 6.0	Evaluation.....	6-1
6.1	Findings and Opinions.....	6-1
6.2	Conclusions.....	6-7
6.3	Limiting Conditions/Deviations	6-8
Section 7.0	References	7-1
List of Exhibits		
1.	Regional Vicinity	3-2
2.	Site Vicinity	3-3
3.	Subject Site	3-4
4.	Overview Map.....	3-11
5.	On-Site Photographs	4-2
6.	Off-Site Photographs	4-3
List of Tables		
1-1	Groundwater Plume Dimension Assumptions	1-2
3-1	Database Summaries	3-9
3-2	Identified Regulatory Sites of Concern.....	3-12
3-3	Historical Uses Summary	3-19
Appendices		
Appendix A: ASTM Terminology		
Appendix B: Database Records Searches		
Appendix C: Documentation		
Appendix D: Qualifications of the Environmental Professional		

LIST OF ACRONYMS

ACM	Asbestos Containing Materials
APN	Assessor's Parcel Number
AST	Aboveground Storage Tank
ATSDR	Agency for Toxic Substances and Disease Registry
AULs	Activity and Use Limitations
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System (maintained by the Environmental Protection Agency)
CFR	Code of Federal Regulations
CORRACTS	facilities subject to Corrective Action under RCRA
CPSC	United States Consumer Product Safety Commission
DDD	Dichlorodiphenyldichloroethane
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
DOGGR	California Department of Oil, Gas, and Geothermal Resources
DTSC	Department of Toxic Substances Control
EDR	Environmental Data Resources
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right to Know Act (also known as SARA Title III), 42 U.S.C. §§11001-11050 et seq.)
ERNS	emergency response notification system
ESA	Environmental Site Assessment
FOIA	U.S. Freedom of Information Act (5 U.S.C. §552 as amended by Public Law No. 104-231, 110 Stat.)
FR	Federal Register
HREC	Historical Recognized Environmental Condition
ICs	Institutional Controls
LBP	Lead Based Paints
LUFT	Leaking Underground Fuel Tank
LUST	Leaking Underground Storage Tank
MSDS	Material Safety Data Sheet
msl	Mean sea level
NCP	National Contingency Plan
NFRAP	former CERCLIS sites where no further remedial action is planned under CERCLA
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List

PCBs	Polychlorinated Biphenyls
REC	Recognized Environmental Condition
RCRA	Resource Conservation and Recovery Act (as amended, 42 U.S.C. §§6901 et seq.)
RWQCB	Regional Water Quality Control Board
SBBM	San Bernardino Base and Meridian
SCS	Soil Conservation Service
TPH	Total Petroleum Hydrocarbons
TRI	Toxics Release Inventory
TSDF	hazardous waste treatment, storage, or disposal facility
USDA	United States Department of Agriculture
USGS	United States Geological Survey
UST	Underground Storage Tank

EXECUTIVE SUMMARY

Michael Baker International (Michael Baker) has performed a Phase I ESA in conformance with the scope and limitations of ASTM International (ASTM) E 1527-13 Standard Practice of the Jeffrey Road/Irvine Center Drive Intersection Improvements Project, City of Irvine, California, the subject site. Any exceptions to, or deletions from, this practice are described in Section 1.0, Introduction, of this Phase I ESA. This Phase I ESA has revealed the following evidence of Recognized Environmental Conditions (RECs) in connection with the subject site:

- **Historical Agricultural Uses:** It is the opinion of Michael Baker that pesticides/herbicides from historical orchard/agricultural uses is likely to be present on-site in areas proposed for partial ROW acquisition (APNs 466-024-19 and 466-011-02). Thus, it is the opinion of Michael Baker that the potential presence of residual herbicides/pesticides in on-site surface soils has resulted in a REC at the time of this Phase I ESA.
- **Village One Day Cleaners/Drive Thru Cleaners (15415 Jeffrey Road):** It is the opinion of Michael Baker that residual PCE contamination is likely present in groundwater from past releases at this off-site drycleaner facility. Proposed excavation activities would like require dewatering, which could expose people or the environment to contaminated groundwater. Thus, it is the opinion of Michael Baker that the potential presence of contaminated groundwater at the subject site has resulted in a REC at the time of this Phase I ESA.

Section 6.1, Findings and Opinions, documents Michael Baker's findings and opinions as to whether or not a REC (or Conditional Recognized Environmental Condition [CREC]) is present at the subject site.

SECTION 1.0

INTRODUCTION

1.1 PURPOSE

The purpose of conducting this Phase I Environmental Site Assessment (ESA) is to identify Recognized Environmental Conditions (RECs) as defined by the ASTM International (ASTM) E 1527-13 Standard Practice for Environmental Site Assessments (Standard Practice). The ASTM E 1527-13 Standard Practice defines the term REC as “the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. De minimis conditions are not RECs.”

This Phase I ESA was conducted in accordance with the ASTM E 1527-13 Standard Practice and satisfies the requirements of 40 Code of Federal Regulations (CFR) Part 312 titled *Standards and Practices for All Appropriate Inquiries*, as required under Section 101(35)(B)(ii) and (iii) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). The purpose of conducting an All Appropriate Inquiries (AAI) investigation into the previous ownership and uses of a property is to meet the provisions necessary for the innocent landowner, contiguous property owner, or bona fide prospective purchaser to qualify for certain landowner liability protections under CERCLA. To assist in understanding the terminology contained in this Phase I ESA, a glossary of terms associated with the ASTM E 1527-13 Standard Practice is provided in [Appendix A, *ASTM Terminology*](#).

1.2 DETAILED SCOPE OF SERVICES

This scope of work follows the ASTM E 1527-13 Standard Practice. The ASTM E 1527-13 Standard Practice outlines a procedure for completing Phase I ESAs that includes review of Federal, tribal, State, and local government records; site reconnaissance; interviews with current owners, operators, occupants, and government officials; and report preparation. This practice does not include any testing or sampling of materials (for example, soil, water, air, building materials, etc.). This Phase I ESA is not intended to provide specific qualitative or quantitative information as to the actual presence of hazardous substances at the subject site, but is to merely identify the potential presence based on available information.

1.3 SIGNIFICANT ASSUMPTIONS

Unless stated otherwise in this Phase I ESA, Michael Baker assumes that groundwater flow follows the topography of the subject site.

In lieu of reasonably available public information pertaining to groundwater contamination, Michael Baker assumes that potential groundwater plume dimensions are within the 90th percentile of plumes determined by research conducted as part of ASTM E 2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in real Estate Transactions, which described in detail in Table 1-1, Groundwater Plume Dimension Assumptions.

Table 1-1
Groundwater Plume Dimension Assumptions

Chemical Contamination	Length of Plume Up-Gradient From Source	Length of Plume Down-Gradient from Source	Maximum Width of Plume From Source
Chemical of Concern	100 feet	1,760 feet	365 feet
Petroleum Hydrocarbon Chemical of Concern			
With Free Product	100 feet	528 feet	165 feet
Dissolved	100 feet	528 feet	95 feet
Notes: These dimension assumptions are based on research conducted as part of ASTM E 2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in real Estate Transactions, which has determined that 90 percent of plumes are these dimensions or less.			
Source: Anthony J. Buonicore, <i>Methodology for Identifying the Area of Concern Around a Property Potentially Impacted by Vapor Migration from Nearby Contaminated Sources</i> , Paper 2011-A-301-AWMA, June 2011.			

1.4 LIMITATIONS, DEVIATIONS, AND EXCEPTIONS

Historical information for the subject site was obtained back to 1896, at which time the subject site consisted of vacant land and one roadway. Michael Baker was unable to identify what year the on-site roadway was constructed. However, based on the past and current uses of the subject site, it is the opinion of Michael Baker that this information would not have increased the knowledge of the Environmental Professional such that the conclusions of this Phase I ESA would change. Thus, it is the opinion of Michael Baker that this limitation is not a significant data gap.

Michael Baker did encounter data failure with regard to source intervals during the course of this Phase I ESA. Michael Baker was unable to obtain specific property land use information of the subject site within a five year interval from 1902 to 1932. During this time, Jeffrey Road appears trending in a north to south direction and Irvine Center Drive (historically referenced as Valencia Avenue) appears trending in a west to east direction. Additionally, specific property land use information was not obtained between the years of 1965 and 1972. During this time, the residential structures associated with orchard uses were demolished and the land was graded.

No indicators of potential hazardous materials were noted in relation to these uses. No other substantial development or changes occurred at the subject site. No evidence of other uses during this time were noted for the surrounding area. Thus, it is the opinion of Michael Baker that this limitation is not a significant data gap at the time of this Phase I ESA.

Due to the nature of the project (transportation improvements), current and past property owners/operators/occupants were not interviewed. Based on a review of available historical topographic maps, historical aerial photographs, and available public records, the subject site appears to have consisted of transportation, orchard/agricultural (including associated residential structures), and vacant land uses. Based on the historical documentation reviewed, it is Michael Baker's opinion that these interviews would not increase the knowledge of the Environmental Professional such that the conclusions of this Phase I ESA would change. Thus, it is the opinion of Michael Baker that this deviation is not a significant data gap.

No other limitations, deviations, or exceptions were encountered during the preparation of this Phase I ESA. Further, no additional scope items, or items outside of the scope of a Phase I ESA E 1527-13 Standard Practice, were conducted as part of this Phase I ESA.

1.5 USER RESPONSIBILITIES

This Phase I ESA does not satisfy continuing obligations under CERCLA liability protections provided for innocent landowners, bona fide prospective purchasers, and contiguous property owners, which includes, but is not limited to, duties required after property acquisition (i.e., compliance with land use restrictions and institutional controls, undertaking "reasonable steps" with respect to hazardous substances releases, compliance with other obligations such as reporting obligations and information requests, etc.).

ASTM E 1527-13 Standard Practice defines the user as "the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager." The purpose of this section is to describe tasks to be performed by the user that will help identify the possibility of recognized environmental conditions in connection with the subject site. These tasks do not require the technical expertise of an environmental professional and are not required to be performed by environmental professional performing a Phase I ESA. The user questionnaire utilized within this Phase I ESA is optional to the user and aids the environmental professional in gathering information from the user that may be material to identifying RECs (refer to [Section 2.0, User Provided Information](#), for a discussion of the User Questionnaire conducted as part of this Phase I ESA. It should be noted that the

following tasks are required, by the user of this Phase I ESA, to satisfy the requirements of conducting all appropriate inquiries.

1.5.1 REVIEW TITLE AND JUDICIAL RECORDS FOR ENVIRONMENTAL LIENS OR ACTIVITY AND USE LIMITATIONS (AULS)

To meet the requirements of 40 CFR 312.20 and 312.25, a search for the existence of environmental liens and AULs that are filed or recorded against the property must be conducted. Environmental liens and AULs are legally distinct instruments and have very different purposes and both can commonly be found within recorded land title records (e.g., County Recorder/Registry of Deeds). The types of title reports that may disclose environmental liens and AULs include Preliminary Title Reports, Title Commitments, Condition of Title, and Title Abstracts. Chain of title reports will not normally disclose environmental liens or AULs. Environmental liens and AULs that are imposed by judicial authorities may be recorded or filed in judicial records only. In jurisdictions where environmental liens or AULs are only recorded or filed in judicial records, the judicial records must be searched for environmental liens and AULs. Any environmental liens and AULs known to the user should be reported to the environmental professional conducting a Phase I Environmental Site Assessment. Unless added by a change in the scope of work to be performed by the environmental professional (refer to [Section 1.4, *Limitations, Deviations, and Exceptions*](#)), this practice does not impose on the environmental professional the responsibility to undertake a review of recorded land title records and judicial records for environmental liens or activity and use limitations. The user should either (1) engage a title company or title professional to undertake a review of reasonably ascertainable recorded land title records and lien records for environmental liens or activity and use limitations currently recorded against or relating to the property, or (2) negotiate such an engagement of a title company or title professional as an addition to the scope of work to be performed by the environmental professional.

1.5.1.1 Reasonably Ascertainable Title and Judicial Records for Environmental Liens and Activity and Use Limitations

Environmental liens and AULs that are recorded or filed in any place other than recorded land title records are not considered to be reasonably ascertainable unless applicable Federal, tribal, State, or local statutes, or regulations specify a place other than recorded land title records for recording or filing of environmental liens and AULs.

1.5.2 SPECIALIZED KNOWLEDGE OR EXPERIENCE OF THE USER

Users must take into account their specialized knowledge to identify conditions indicative of releases or threatened releases. If the user has any specialized knowledge or experience that is material to RECs in connection with the property, the user should communicate any information based on such specialized knowledge or experience to the environmental professional. The user should do so before the environmental professional conducts the site reconnaissance.

1.5.3 ACTUAL KNOWLEDGE OF THE USER

If the user has actual knowledge of any environmental lien or AULs encumbering the property or in connection with the property, the user should communicate such information to the environmental professional. The user should do so before the environmental professional conducts the site reconnaissance.

1.5.4 REASON FOR SIGNIFICANTLY LOWER PURCHASE PRICE

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 the fair market value of the property if the property was not affected by hazardous substances or petroleum products. The user should try to identify an explanation for a lower price which does not reasonably reflect fair market value if the property were not contaminated, and make a written record of such explanation. Among the factors to consider will be the information that becomes known to the user pursuant to the Phase I ESA. The ASTM E 1527-13 Standard Practice does not require that a real estate appraisal be obtained in order to ascertain fair market value of the property. The user should inform the environmental professional if the user believes that the purchase price of the property is lower than the fair market value due to contamination. The user is not required to disclose the purchase price to the environmental professional.

1.5.5 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

Commonly known or reasonably ascertainable information within the local community about the property must be taken into account by the user. If the user is aware of any commonly known or reasonably ascertainable information within the local community about the property that is material to recognized environmental conditions in connection with the property, the user should communicate such information to the environmental professional. The user should do so before the environmental professional conducts the site reconnaissance. The user must gather such

information to the extent necessary to identify conditions indicative of releases or threatened releases of hazardous substances or petroleum products.

1.5.6 DEGREE OF OBVIOUSNESS

The user must consider the degree of obviousness of the presence or likely presence of releases or threatened releases at the property and the ability to detect releases or threatened releases by appropriate investigation including the information collected under the following sections within this Phase I ESA:

- Section 1.5.1, *Review Title and Judicial Records for Environmental Liens and Activity and Use Limitations (AULs)*;
- Section 1.5.2, *Specialized Knowledge or Experience of the User*;
- Section 1.5.4, *Reason for Significantly Lower Purchase Price*;
- Section 1.5.5, *Commonly Known or Reasonably Ascertainable Information*;
- Section 3.2, *Standard Environmental Records Sources*;
- Section 3.4, *Historical Use Information on the Subject Site and Adjoining Properties*;
- Section 4.0, *Site Reconnaissance*; and
- Section 5.0, *Interviews*.

1.5.7 OTHER

Either the user shall make known to the environmental professional the reason why the user wants to have the Phase I ESA performed or, if the user does not identify the purpose of the Phase I ESA, the environmental professional shall assume the purpose is to qualify for an LLP to CERCLA liability and state this in the report.

1.6 SPECIAL TERMS AND CONDITIONS

No special terms and conditions were identified for this scope of work.

1.7 USER RELIANCE

The information and opinions rendered in this Phase I ESA are exclusively for use by the City of Irvine. Michael Baker will not distribute or publish this report without the consent of the City of Irvine, except as required by law or court order. The information and opinions expressed in this Phase I ESA are given in response to Michael Baker's scope of services and limitations indicated above, and should be considered and implemented only in light of the scope of services and

limitations. The services provided by Michael Baker in completing this Phase I ESA were consistent with normal standards of the profession. No warranty, expressed or implied, is made.

SECTION 2.0

USER PROVIDED INFORMATION

Per ASTM E 1527-13, the user of the Phase I ESA has an obligation to answer all questions posed by the User Questionnaire, in good faith, to the extent of his or her actual knowledge or to designate a key site manager to do so. If answers to questions are unknown or partially unknown to the user or such key site manager, this section shall not thereby be deemed incomplete.

The City of Irvine is the user of this Phase I ESA and has provided Michael Baker with information regarding the proposed project for the subject site. The City has requested this Phase I ESA to support environmental documentation for the proposed project. Other information/documentation provided by the City is also referenced throughout this Phase I ESA, as applicable.

2.1 PREVIOUS DOCUMENTS

The user did not provide any previous documents, including but not limited to the following, during the course of this Phase I ESA:

- Environmental site assessments;
- Environmental compliance audit reports;
- Environmental permits;
- Registrations for underground and aboveground storage tanks;
- Material safety data sheets;
- Community right-to-known plan;
- Safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans; facility response plans; etc.;
- Reports regarding hydrogeologic conditions on the property or surrounding area;
- Notices or other correspondence from any government agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property;
- Hazardous waste generator notices or reports;
- Geotechnical studies;
- Risk assessments; and
- Recorded AULs.

2.2 LITIGATION/ADMINISTRATIVE PROCEEDINGS

The user did not provide any information pertaining to any pending, threatened, or past litigation and/or administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property during the course of this Phase I ESA.

2.3 GOVERNMENTAL NOTICES

The user did not provide any information pertaining to any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products during the course of this Phase I ESA.

2.4 ENVIRONMENTAL LIENS

The user did not provide any environmental lien information during the course of this Phase I ESA.

2.5 ACTIVITY AND USE LIMITATIONS

The user did not provide any activity and use limitation information during the course of this Phase I ESA.

2.6 SPECIALIZED KNOWLEDGE OR EXPERIENCE

The user did not provide any specialized knowledge or experience related to the subject site during the course of this Phase I ESA.

2.7 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

The user did not provide any commonly known or reasonably ascertainable information during the course of this Phase I ESA.

2.8 VALUATION REDUCTION FOR ENVIRONMENTAL ISSUES

The user did not report valuation reduction for environmental issues.

2.9 DEGREE OF OBVIOUSNESS

The user did not report any obvious indicators that point to the presence or likely presence of releases at the property during the course of this Phase I ESA.

2.10 REASON FOR PERFORMING PHASE I

This Phase I ESA has been requested by the City of Irvine in order to support the environmental documentation for the proposed project.

SECTION 3.0

RECORDS REVIEW

3.1 PHYSICAL SETTING SOURCES

Physical setting sources typically provide information regarding geologic, hydrogeologic, hydrologic, or topographic characteristics of a property. The following information is primarily based on the review of the United States Geological Survey (USGS) *Tustin, California*, Quadrangle (dated 2015), and a site inspection conducted by Michael Baker on February 7, 2018. Other miscellaneous resources utilized within this section and throughout the Phase I ESA are referenced in Section 7.0, References.

3.1.1 SUBJECT SITE DESCRIPTION

3.1.1.1 Location

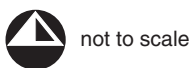
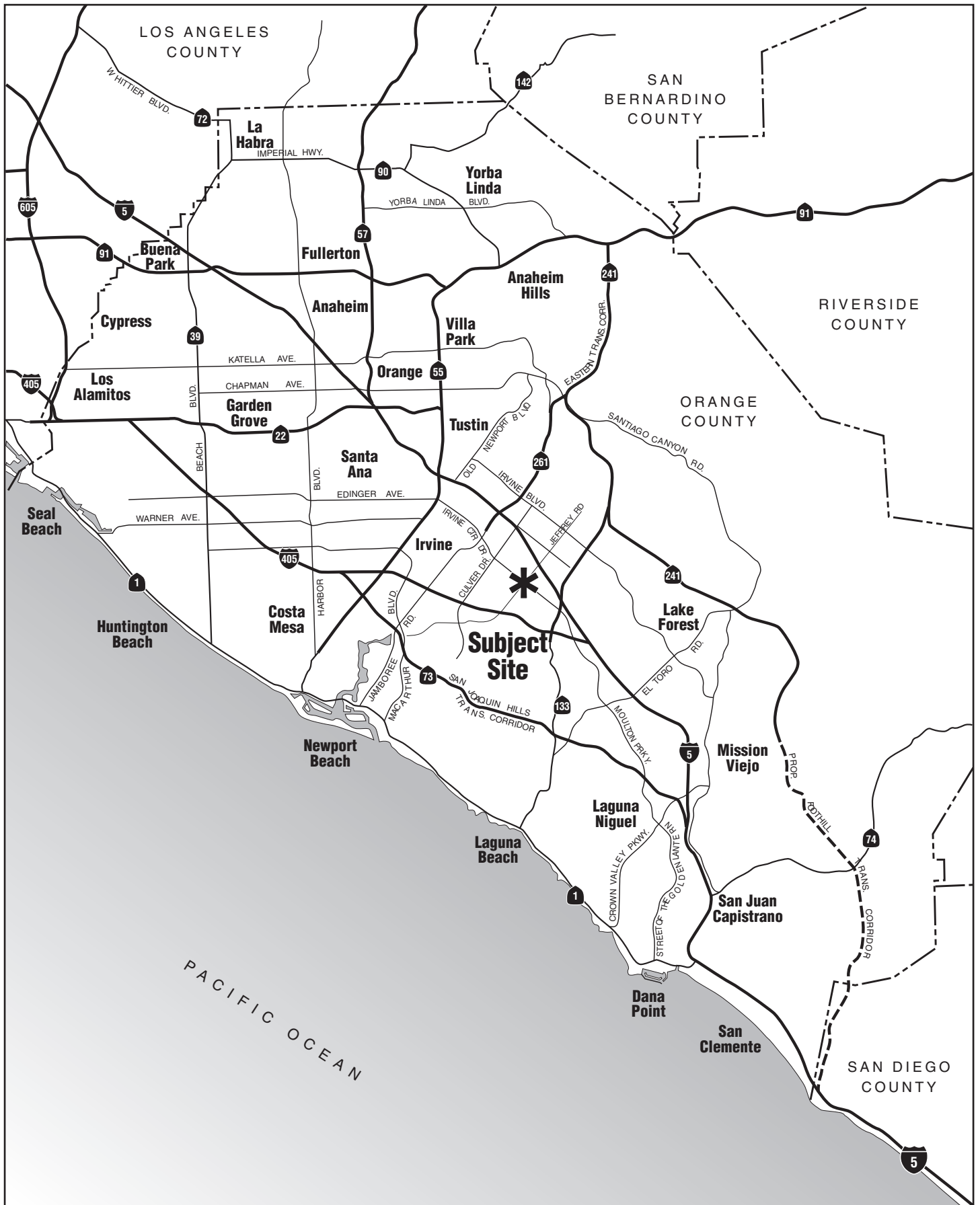
The subject site is located at the Jeffrey Road/Irvine Center Drive intersection, approximately 0.5 mile southwest of Interstate 5 (I-5) and approximately one mile northeast of Interstate 405 (I-405), within the City of Irvine, County of Orange, California (Sections 1 and 2, Township 6 South [T.6S], Range 9 West [R.9W], San Bernardino Base and Meridian [SBBM]) (refer to Exhibit 1, Regional Vicinity and Exhibit 2, Site Vicinity).

3.1.1.2 Current Use(s) of the Subject Site

The subject site is comprised of transportation, agricultural, and vacant land uses (refer to Exhibit 3, Subject Site).

3.1.1.3 Description of On-Site Structures and Roads

The subject site is located at the Jeffrey Road/Irvine Center Drive intersection. The subject site includes typical roadside utilities and Southern California Edison (SCE) power transmission lines. No structures are present on-site.

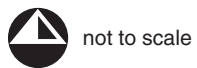
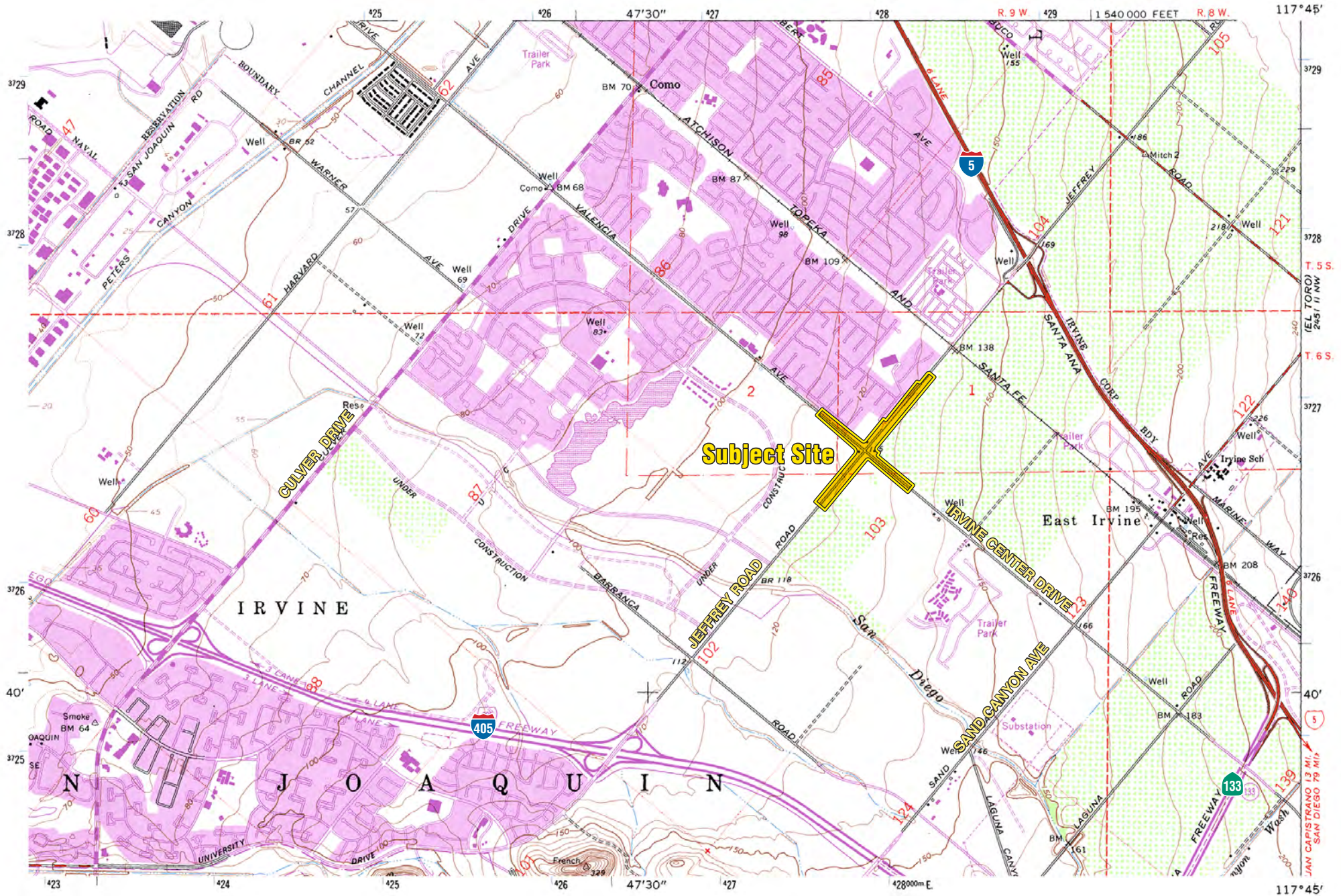


JEFFREY ROAD/IRVINE CENTER DRIVE INTERSECTION IMPROVEMENT PROJECT • PHASE I ESA

Regional Vicinity Map

02/19/18 JN 161832 MAS

Exhibit 1



JEFFREY ROAD/IRVINE CENTER DRIVE INTERSECTION IMPROVEMENT PROJECT • PHASE I ESA

Site Vicinity



Source: Google Earth Pro, February 2018



02/19/18 JN 161832 MAS

JEFFREY ROAD/IRVINE CENTER DRIVE INTERSECTION IMPROVEMENT PROJECT • PHASE I ESA

Subject Site

Exhibit 3

3.1.2 TOPOGRAPHY

The USGS maps show geological formations and their characteristics, describing the physical setting of an area through contour lines and major surface features including lakes, rivers, streams, buildings, landmarks, and other factors that impact the spread of contamination. Additionally, the maps depict topography through color and contour lines and are helpful in determining elevations and site latitude and longitude.

Based on the USGS *Tustin, California, Quadrangle* (dated 2015), on-site topography is approximately between 117 and 135 feet above mean sea level (msl) and slopes downgrade to the west. The subject site appears to primarily consist of transportation related uses. Surrounding uses appear to consist primarily of developed land uses. San Diego Creek is noted to the south of the subject site and North Lake is noted to the west of the subject site. I-5 is visible to the northeast and I-405 is visible to the south, both freeways are trending in a northwest-southeast direction. No on-site pits, ponds, or lagoons are noted on-site on this topographical map.

3.1.3 CURRENT USES OF ADJOINING PROPERTIES

For the scope of this Phase I ESA, properties are defined and categorized based upon their physical proximity to the subject site. An adjoining property is considered any real property or properties the border of which is contiguous or partially contiguous with that of the subject site, or that would be contiguous or partially contiguous with that of the subject site but for a street, road, or other public thoroughfare separating them. The following is a detailed description of each adjoining land use observed on February 7, 2018:

- North: Transportation (Jeffrey Road), residential, commercial, and recreational (Oak Creek Golf Club) uses are located to the north of the subject site.
- East: Transportation (Irvine Center Drive), recreational (Oak Creek Golf Club), institutional (Irvine Valley College), utility (Irvine Ranch Water District [IRWD] groundwater monitoring well facility), and agricultural land uses bound the eastern portion of the subject site.
- South: Transportation (Jeffrey Road), institutional (Irvine Valley College), and residential uses are located to the south of the subject site.
- West: Transportation (Irvine Center Drive), residential, and commercial (Irvine Village Center) uses are located to the west of the subject site.

3.1.4 GEOLOGIC CONDITIONS

3.1.4.1 Geology

The USGS Geological Map Index was searched by EDR for available Geological Maps that cover the subject site and surrounding areas. These Geological Maps indicate geological formations that are overlaid on a topographic map. Some maps focus on specific issues (i.e., bedrock, sedimentary rocks, etc.) while others may identify artificial fills (including landfills). Geological maps can be effective in estimating permeability and other factors that influence the spread of contamination.

The subject site is located within the Coastal Plain of Orange County Groundwater Basin (Orange County Basin).¹ The Orange County Basin underlies a coastal alluvial plain in the northwestern portion of Orange County. The basin is bounded by consolidated rocks exposed on the north in the Puente and Chino Hills, on the east in the Santa Ana Mountains, and on the south in the San Joaquin Hills. The basin is bounded by the Pacific Ocean on the southwest and by a low topographic divide approximated by the Orange County - Los Angeles County line on the northwest. The basin underlies the lower Santa Ana River watershed.

3.1.4.2 Soils

The U.S. Department of Agriculture (USDA) Soil Conservation Service (SCS) Soil Survey Maps were searched for available soils within the subject site. Two soil series are reported to be within the boundaries of the subject site; refer to Appendix C, Documentation, for a mapping of on-site soils. The following is a detailed description of the soil series located within the subject site:

- San Emigdio fine sandy loam, 0 to 2 percent slopes (194): The San Emigdio series consists of well drained soils on floodplains and alluvial fans that formed in mixed alluvium. Included with this soil in mapping are small areas of Metz loamy sand, Hueneme fine sandy loam, Mocho sandy loam, and Soboba gravelly sandy loam soils. Runoff is slow and the hazard of erosion is slight.
- Sorrento loam, 0 to 2 percent slopes (206): The Sorrento series consists of well drained soils on floodplains and alluvial fans that formed in alluvium derived from sedimentary rocks. Included with this soil in mapping are small areas of Sorrento clay loam; Sorrento

¹ California Department of Water Resources, *Coastal Plain of Orange County Groundwater Basin*, http://www.water.ca.gov/pubs/groundwater/bulletin_118/basindescriptions/8-1.pdf, accessed on February 9, 2018.

sandy loam; soils that are noncalcareous but similar to this Sorrento soil; Mocho loam; and Bolsa silt loam, drained. Runoff is slow and the hazard of erosion is slight.

- Sorrento clay loam, 0 to 2 percent slopes (208): The Sorrento series consists of well drained soils on floodplains and alluvial fans that formed in alluvium derived from sedimentary rocks. Included with this soil in mapping are small areas of Sorrento loam, 0 to 2 percent slopes; Mocho loam, 0 to 2 percent slopes; Bolsa silty clay loam; and soils that are noncalcareous but similar to this Sorrento soil. Runoff is slow and the hazard of erosion is slight.

3.1.4.3 Radon

Radon is a radioactive gas that is found in certain geologic environments and is formed by the natural breakdown of radium, which is found in the earth's crust. Radon is an invisible, odorless, inert gas that emits alpha particles, known to cause lung cancer. Radon levels are highest in basements (areas in close proximity to the soil) that are poorly ventilated. A radon survey was not included within the scope of this investigation. According to the "U.S. EPA Map of Radon Zones," the County of Orange is located within Zone 3, which has a predicted average indoor screening level of less than 2.0 Picocuries per liter (pCi/L). EPA recommends remedial actions when radon levels are greater than 4.0 pCi/L.

3.1.5 BIOLOGICAL SETTING

The biotic community that exists within the project site includes ornamental landscaping and agricultural uses typical in urbanized areas. These areas are vegetated with a mixture of native and non-native plant species, and agricultural row crops. Plants and animals in the area have been introduced by man and are tolerant to urban land uses.

3.1.6 DRAINAGE/HYDROLOGY

3.1.6.1 Drainage

Drainage of the subject site is accomplished by overland sheet flow into the Jeffrey Road and Irvine Center Drive curb/gutters and catch basins and ultimately into the City's existing stormwater drainage system. Overall drainage of the area is to the west, toward and along San Diego Creek.

3.1.6.2 Flood Hazards

Flood Prone Area Maps published by the USGS show areas prone to 100-year floods overlaid on a topographical map. These maps are not considered the official Federal Emergency Management Agency (FEMA) flood maps; therefore, in cases where a property is located immediately adjacent to or within the flood prone boundary, a FEMA map should be obtained. According to the EDR Database search and the FEMA Flood Insurance Rate Maps (FIRM), the subject site is not located within a 100-year flood zone (refer to the [Appendix B, Database Records Searches](#), and [Appendix C](#)).

3.1.6.3 Groundwater

Michael Baker assumes groundwater flow follows the slope of the ground surface elevations towards the nearest open body of water or intermittent stream. The direction of this flow on-site is expected to be generally in a western direction.

3.1.6.4 Water Wells

The USGS Well Database and State Well Database were searched by EDR. According to the EDR Well search, one water well is located within the boundaries of the subject site; however, based on site reconnaissance, this water well is situated off-site (IRWD groundwater monitoring well adjoins the subject site to the east). Four other water wells are also located within a one-mile radius of the subject site (refer to the [Appendix B](#)).

3.2 STANDARD ENVIRONMENTAL RECORDS SOURCES

The governmental sources have been searched by EDR (at the request of Michael Baker) for sites within the subject site and within an approximate one-mile radius of the subject site boundaries. Upon completion of their search, EDR provided Michael Baker with their findings dated December 28, 2017. Michael Baker makes no claims as to the completeness or accuracy of the referenced sources. Our review of EDR's findings can only be as current as their listings and may not represent all known or potential hazardous waste or contaminated sites. To reduce the potential for omitting possible hazardous material sites on the subject site and within the surrounding area, sites may be listed in this report if there is any doubt as to the location because of discrepancies in map location, zip code, address, or other information. Refer to [Appendix B](#), for a listing and description of the Federal, tribal, State, and local records searched. Refer to [Table 3-1, Database Summaries](#), for a description of regulatory databases discussed in this section.

Table 3-1
Database Summaries

Database	Description
CA FID UST	The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.
CHMIRS	The CHMIRS database maintains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.
ECHO	Enforcement and Compliance History Information (ECHO), maintained by the Environmental Protection Agency, provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.
EDR Hist Cleaner	EDR Exclusive Historic Dry Cleaners (EDR Hist Cleaners) includes a listing of potential dry cleaner sites. This database is maintained by EDR and includes selected national collections of business directories that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include potential dry cleaner establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash and dry, etc.
FINDS	The Facility Index System/Facility Registry System (FINDS) database contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in their report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).
HAZNET	The HAZNET database extracts data from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. The source is the Department of Toxic Substance Control.
HIST UST	The HIST UST database contains information on sites where historical underground storage tanks are located.
NPDES	A listing of NPDES permits, including stormwater.
PEST LIC	A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.
RCRA-LQG	The Resource Conservation and Recovery Act (RCRA) – Large Quantity Generator (LQG) database contains selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by RCRA. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.
RCRA-SQG	The Resource Conservation and Recovery Act (RCRA) – Small Quantity Generator (SQG) database contains selective information on sites which generate, transport, store, treat, and/or dispose of hazardous waste as defined by RCRA. Small quantity generators generate less than 1,000 kilograms (kg) of hazardous waste, or over less than 1 kg of acutely hazardous waste per month. SQGs generate between 100 kg and 1,000 kg of hazardous waste per month.

Table 3-1 (continued)
Database Summaries

Database	Description
SWEEPS UST	The Statewide Environmental Evaluation and Planning System, the SWEEPS UST database also maintains information on properties where an underground storage tank is located, however, this database is no longer updated.
UST	The Underground Storage Tank (UST) database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data comes from the State Water Resources Control Board's Hazardous Substance Storage Container Database.
Notes:	
1. Bold databases refer to those listed as standard environmental record sources pursuant with ASTM E1527-13 Section 8.2.1.	

3.2.1 SUBJECT SITE

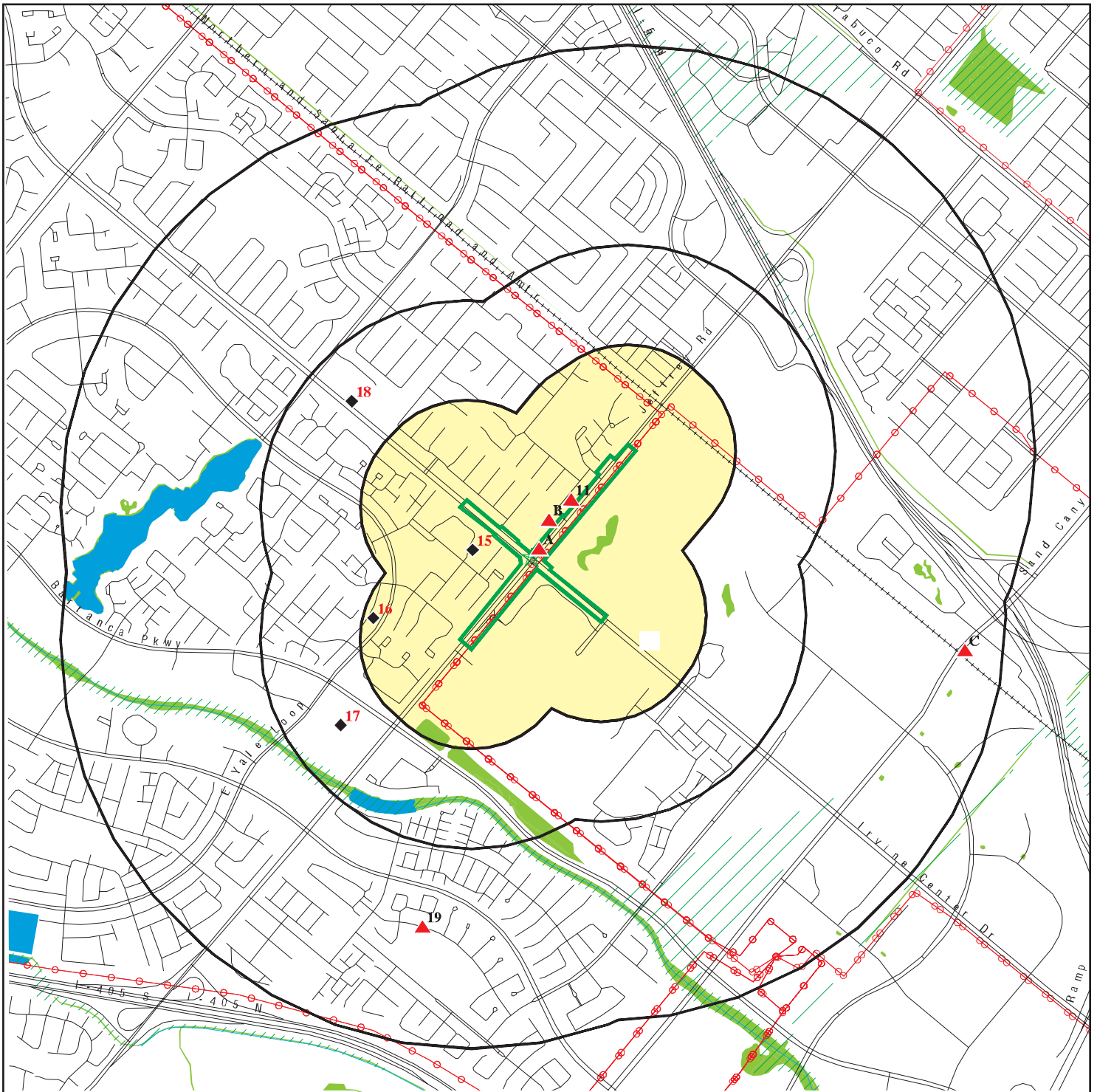
The lists that were reviewed did not report any regulatory properties within the boundaries of the subject site (refer to [Exhibit 4, Overview Map](#)). No known corrective action, restoration, or remediation has been planned, is currently taking place, or has been completed on the subject site. The subject site has not been under investigation for violation of any environmental laws, regulations, or standards, as identified in the databases reported by EDR (refer to [Appendix B](#)).

3.2.2 OFF-SITE PROPERTIES

The lists that were reviewed reported nine regulatory sites within a one mile radius of the subject site that were listed in one or more of the regulatory databases identified in [Appendix B](#). For a complete list of sites identified and their status, refer to [Appendix B](#). The following is a discussion of reported off-site properties.

Adjoining Properties

The lists that were reviewed reported four regulatory properties adjoining the subject site (refer to [Exhibit 4](#)). Refer to [Table 3-2, Identified Regulatory Sites of Concern](#), for further evaluation of these adjoining properties.



- | | | | |
|--|---|--|----------------------------|
| | Target Property | | Indian Reservations BIA |
| | Sites at elevations higher than or equal to the target property | | Power transmission lines |
| | Sites at elevations lower than the target property | | 100-year flood zone |
| | Manufactured Gas Plants | | 500-year flood zone |
| | National Priority List Sites | | National Wetland Inventory |
| | Dept. Defense Sites | | State Wetlands |

- | | |
|--|------------------|
| | Upgradient Area |
| | Areas of Concern |



JEFFREY ROAD/IRVINE CENTER DRIVE INTERSECTION IMPROVEMENT PROJECT • PHASE I ESA

Overview Map

Exhibit 4

Table 3-2
Identified Regulatory Sites of Concern

EDR Map ID# ¹	Site Name/Address	Direction from Subject Site	Regulatory Database ¹	EDR Site Status	File Review ²
A1 A3 A4	Sherwin Williams 15475 Jeffrey Road, Ste 400 Irvine, CA 92612	Adjoining subject site to north and west	CHMIRS HAZNET FINDS	Approximately five (5) gallons of water based paint was spilled on pavement and listed in the CHMIRS database. No impact to any waterways and the release was fully cleaned up. HAZNET waste categories include unspecified solvent mixture; latex waste. Disposal methods include storage, bulking, and/or transfer off site; fuel blending prior to energy recovery at another site. Listed in FINDS database.	YES Michael Baker obtained files from the OCHCA.
A2 A5 A6 A7 A8 A9	Irvine Valley College Barranca Parkway Entrance Road Saddleback Community College Mike T Peak 5500 Irvine Center Drive Irvine, CA 92618	Adjoining subject site to south	RCRA-LQG HAZNET UST SWEEPS UST NPDES FINDS HIST UST CA FID UST PEST LIC	Reported large quantity generator with no violations found. HAZNET waste categories include other organic solids; off-specification, aged or surplus organics; liquids with halogenated organic compounds; liquids with pH less than 2 with metals. Disposals methods include landfill or surface impoundment that will be closed as landfill; storage, bulking, and/or transfer off site – no treatment recovery; fuel blending prior to energy recovery at another site. One (1) active USTs reported in SWEEPS database with M.V. fuel use. Listed in NPDES database with active facility status. Listed in FINDS database. Two (2) historical USTs reported. Listed in PEST LIC database with expiration date of 12/31/17.	YES Michael Baker obtained files from the OCHCA.
B10 B13 B14	Village 1 Day Cleaners Village One Day Cleaners Drive Thru Cleaners 15415 Jeffrey Road Irvine, CA 92720	Adjoining subject site to west	EDR Hist Cleaner RCRA-SQG FINDS ECHO HAZNET	Listed as historical cleaner from 1994 to 2014. Listed as small quantity generator with no violations found. Listed in FINDS database. HAZNET waste categories include liquids with halogenated organic compounds. Disposal methods include storage, bulking, and/or transfer off site; transfer station.	YES Michael Baker obtained files from the OCHCA and RWQCB.
B12	DPL Associates, Inc. 15435 Jeffrey Road Irvine, CA 92618	Adjoining subject site to north and west	UST	Listed in UST database.	REQUESTED However, files were not available for review for this property.

Notes: RWQCB= Santa Ana Regional Water Quality Control Board; OCHCA= Orange County Health Care Agency

- 1.** **BOLD** indicates ASTM Standard Practice E 1527-13, Section 8.2.1, standard federal, state, and tribal environmental records sources that should include a file review.
- 2.** Refer to [Section 3.3, File Record Reviews](#), for a discussion of files reviewed, if applicable.

Source: Environmental Data Resources, Inc., *EDR Radius Map with GeoCheck*, dated December 28, 2017; refer to [Appendix B, Regulatory Databases Searches](#).

Adjacent Properties

Although five adjacent properties were listed, no reported adjacent regulatory properties have been identified that also present a potential concern to groundwater underlying the subject site. Reported adjacent regulatory properties are considered to have a low potential of affecting the subject site for one or more of the following reasons: distance from the subject site, direction of anticipated groundwater flow, site status, and/or no contamination has been reported. Refer to [Appendix B](#) for a listing of all adjacent properties noted.

3.2.3 UNMAPPED PROPERTIES

According to EDR's ESA Report Desktop Reference, dated 1996, some reported sites are unmappable as exact locations remain undefined. Listings in publicly available records, which do not have adequate address information, are not generally considered practically reviewable. For the purposes of this Phase I ESA, practically reviewable is defined as information provided in a manner and in a form that yields information without the need for extraordinary analysis of irrelevant data. Although the location of these sites may be unknown, the site and detail information are often available through EDR.

Michael Baker's review of Unmapped Properties consisted of a verification, based solely on the professional judgment of the Environmental Professional, that the subject site is not listed (i.e., referenced by name or street address) and a review to identify if any of the Unmapped Properties cause a likely potential to create a REC within the boundaries of the subject site. No listed Unmapped Properties are located within the boundaries of the subject site. Additionally, no unmapped properties are located within a one-mile radius of the subject site.

3.3 FILE RECORD REVIEWS

If the subject site or any of the adjoining properties are identified on one or more of the standard environmental record sources, pertinent regulatory files and/or records associated with the listing should be reviewed. The purpose of the regulatory file review is to obtain sufficient information to assist the environmental professional in determining if a REC, HREC, CREC, or a de minimis condition exists at the property in connection with the listing. If, in the environmental professional's opinion, such a review is not warranted, the environmental professional must explain the justification for not conducting the regulatory file review.

Michael Baker requested files for all properties listed in [Table 3-2](#) from the following agencies:

- Department of Toxic Substances Control (DTSC): Michael Baker received a letter from DTSC stating that no records exist for the properties requested on January 22, 2018.
- Santa Ana Regional Water Quality Control Board (RWQCB): Michael Baker received and reviewed files from the RWQCB on February 2, 2018.
- Orange County Health Care Agency (OCHCA): Michael Baker reviewed available records in person at the OCHCA office on February 7, 2018.

Based on the responses received from these agencies, no public records are available for review for the property located at 15435 Jeffrey Road.

However, files are available for review for the remainder of the properties requested from one or more of these agencies, which are described as follows (refer to Section 3.3.1, File Reviews Conducted, for a description of the files reviewed):

- **15475 Jeffrey Road:** This property adjoins the subject site to the north and west and is currently developed as a Sherwin-Williams Paint facility. Files maintained by the Orange County Health Care Agency (OCHCA) were reviewed.
- **5500 Irvine Center Drive:** This property adjoins the subject site to the south and east and is currently developed as Irvine Valley College. Files maintained by the OCHCA were reviewed.
- **15415 Jeffrey Road:** This property adjoins the subject site to the west and was formerly Village One Day Cleaners and Drive Thru Cleaners. Files maintained by the Regional Water Quality Control Board (RWQCB) and OCHCA were reviewed.

3.3.1 File Reviews Conducted

3.3.1.1 15475 Jeffrey Road (Current Sherwin-Williams Paint Facility)

This property (adjoining the subject site to the north and west) is currently occupied by a Sherwin-Williams Paint facility. The OCHCA Hazardous Materials and Wastes Inventory Matrix noted approximately 62 water-based coatings colorant in one-gallon containers at this facility. It is acknowledged that the CHMIRS database reported a spill of approximately five gallons of water based paint to pavement and subsequent cleanup. Although this property was listed in the CHMIRS database, files reviewed did not report any hazardous material incidents.

3.3.1.2 5500 Irvine Center Drive (Current Irvine Valley College)

This property (adjoining the subject site to the south and east) is currently Irvine Valley College. The OCHCA Hazardous Materials and Wastes Inventory Matrix reported multiple hazardous materials at this property including: liquid propane gas, glass cleaner, bleach, floor stripper, hydrochloric acid, caustic soda, diesel fuel, paint thinner waste, ammonium sulfate, engine oil, and waste oil. It is acknowledged that this property was listed in multiple UST databases, however files reviewed did not note any USTs at this property.

3.3.1.3 15415 Jeffrey Road (Former Village One Day Cleaners/Drive Thru Cleaners)

This property (adjoining the subject site to the west) is currently occupied by Dunkin' Donuts and was formerly Village One Day Cleaners/Drive Thru Cleaners. The OCHCA reported administrative-related hazardous waste violations (e.g., manifest not kept for three years) for this drycleaner facility, as well as hazardous waste storage violations (e.g., hazardous waste not stored within approved accumulation times, containers not labeled properly, and containers not closed during transfer and storage).

In 2003, soil and groundwater sampling was conducted. Perchloroethylene (PCE) was not detected in soil samples. However, PCE was detected in groundwater samples at a concentration of 8 micrograms per liter (ug/l). These concentrations were only slightly above the Maximum Contaminant Limit for PCE of 5 ug/l. Perched groundwater was detected at approximately 23.5 feet below ground surface (bgs). A site closure letter was granted by the RWQCB on September 27, 2004, stating that there does not appear to be a VOC source in the soil, or a threat of additional migration of contaminants to the groundwater. Therefore, the RWQCB concluded no further soil or groundwater investigation or remediation was necessary.

In January 2014, a limited subsurface investigation indicated soil samples collected had detectable concentrations of PCE. Additional soil and soil gas investigation was conducted in June 2014. Results from the soil sampling indicated two soil samples had detectable levels of PCE. Results from the soil gas sampling indicated samples had PCE and TCE concentrations well in excess of the commercial California Human Health Screening Levels (CHHSL) guidelines for soil gas. Based on these results, it was determined that a vapor intrusion risk was present and active remediation of the site was necessary. From August to December 2014 a mobile vapor extraction system operated and removed 35.7 pounds of PCE. Results of rebound sampling indicated significant improvement of the soil gas levels.

In February 2015, Drive Thru Cleaners entered into a Remedial Action Agreement with the OCHCA for cleanup oversight at this property. At that time PCE soil vapor concentrations were

detected above regulatory cancer risk thresholds. In a letter, dated June 29, 2017, the OCHCA stated that an update has not been received with regard to the site since March 2015.

3.4 HISTORICAL USE INFORMATION ON THE SUBJECT SITE AND ADJOINING PROPERTIES

The objective of consulting historical sources is to develop a history of the previous uses of the property and surrounding area, in order to help identify the likelihood of past uses having led to RECs in connection with the property. The Environmental Professional shall exercise professional judgment and consider the possible releases that might have occurred at a property in light of the historical uses and, in concert with other relevant information gathered as part of the Phase I ESA process, use this information to assist in identifying RECs (discussed in Section 6.0, *Evaluation*, of this Phase I ESA).

The standard sources identified by ASTM E 1527-13 include aerial photographs, fire insurance maps, property tax files, recorded land title records (a chain-of-title), historical USGS topographic maps, local street directories, building department records, zoning/land use records, prior assessments, and other historical sources (i.e., any source or sources, other than those listed, that are credible to a reasonable person and that identify past uses of the property). The focus is on usage rather than ownership, which is why a chain-of-title is not sufficient by itself.

3.4.1 METHODOLOGY AND LIMITING CONDITIONS

3.4.1.1 Methodology

Data failure (a subset of a data gap) occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the historical source review objectives have not been met.

USES OF THE PROPERTY

Per ASTM E 1527-13 Standard Practice, historical uses “shall be identified from the present, back to the property’s obvious first development use including (agricultural and fill activities), or back to 1940, whichever is earlier.” This task requires reviewing only as many of the standard historical sources as are necessary and both reasonably ascertainable and likely to be useful.

Historical information for the subject site was obtained back to 1896, at which time the subject site consisted of vacant land and one roadway. Michael Baker was unable to identify what year

the on-site roadway was constructed. Sources reviewed have been cited throughout this section and are referenced in Section 7.0, *References*, of this Phase I ESA.

INTERVALS

Review of standard historical sources at less than approximately five year intervals is not required by ASTM E 1527-13 Standard Practice. If the specific use of the property appears unchanged over a period longer than five years, then it is not required by ASTM E 1527-13 Standard Practice to research the use during that period.

Michael Baker was unable to obtain specific property land use information of the subject site within a five year interval from 1902 to 1932. During this time, Jeffrey Road appears trending in a north to south direction and Irvine Center Drive (historically referenced as Valencia Avenue) appears trending in a west to east direction. Additionally, specific property land use information was not obtained between the years of 1965 and 1972. During this time, the residential structures associated with orchard uses were demolished and the land was graded. No indicators of potential hazardous materials were noted in relation to these uses. No other substantial development or changes occurred at the subject site. No evidence of other uses during this time were noted for the surrounding area.

USES OF PROPERTIES IN SURROUNDING AREA

Uses in the area surrounding the property shall be identified in the Phase I ESA, but this task is only required to the extent that this information is revealed in the course of researching the property itself. If the environmental professional uses sources that include the surrounding area, surrounding uses should be identified to a distance determined at the discretion of the environmental professional. Factors to consider in making this determination include, but are not limited to:

- The extent to which information is reasonably ascertainable;
- The time and cost involved in reviewing surrounding uses;
- The extent to which information is useful, accurate, and complete in light of the purpose of the records review;
- The likelihood of the information being significant to RECs in connection with the property;
- The extent to which potential concerns are obvious;
- Known hydrogeologic/geologic conditions that may indicate a high probability of hazardous substances or petroleum products migration to the property;
- How recently local development has taken place;

- Information obtained from interviews and other sources; and
- Local good commercial and customary practice.

Surrounding land uses have been noted throughout the Phase I ESA, as applicable, and are referenced accordingly.

3.4.1.2 Limiting Conditions

Michael Baker did not encounter any other conditions that limited the historical use review during the course of this Phase I ESA.

3.4.2 STANDARD HISTORICAL SOURCES

3.4.2.1 Historical Uses Summary

Based upon the evaluation of the documented land use as demonstrated in the resources reviewed as part of this Phase I ESA, the subject site appears to have historically consisted transportation as well as orchards with associated residential structures in the early 1900s. By 1932, Jeffrey Road appeared trending in a north to south direction and Irvine Center Drive (historically referenced as Valencia Avenue) appeared trending in a west to east direction. In the 1940s, Jeffrey Road and Irvine Center Drive appear as secondary highways. By 1952, Jeffrey Road has been widened. The residential structures associated with orchard uses were demolished and graded by 1972. By 1985, Jeffrey Road and Irvine Center Drive have been widened again. Between 1994 to 2005, orchards became row crops within the subject site and surrounding area. Between 2005 and 2009, Jeffrey Road (in the northern portion of the subject site) was temporarily realigned until between 2010 and 2012 to accommodate construction of the off-site BNSF railroad overhead. Since 2014, the subject site has remained unchanged and similar to present day conditions. Development in the general vicinity of the subject site appears to have begun in the 1960's. Refer to Table 3-3, *Historical Uses Summary*.

**Table 3-3
Historical Uses Summary**

Year	On-Site Use	Surrounding Uses	Source
1896	The subject site appears to consist of vacant land. A road appears to transect the central portion of the subject site trending in a northwest/southeast direction.	The surrounding area appears to consist of vacant land, transportation uses, and sparse unknown structures. The Los Angeles and San Diego Branch Railroad (current BNSF railroad) is visible to the north of the subject site. The City of Irvine is visible to the southeast.	USGS Topographic Maps
1901	No changes noted.	No changes noted.	USGS Topographic Maps
1902	No changes noted.	No changes noted.	USGS Topographic Maps
1932	The subject site appears to consist of transportation (Jeffrey Road and Irvine Center Drive [historically referenced as Valencia Avenue]).	I-5 (historically referenced as highway 101) is visible to the northwest trending in a northwest/southeast direction. The San Diego Creek is noted to the south of the subject site.	USGS Topographic Maps
1935	No changes noted.	No changes noted.	USGS Topographic Maps
1938	The subject site appears to consist of orchards and associated residential structures.	Orchards in the surrounding area are noted.	Aerial Photographs
1942	Jeffrey Road is indicated as a secondary highway.	No changes noted.	USGS Topographic Maps
1946	No changes noted.	No changes noted.	Aerial Photographs
1948	Irvine Center Drive is indicated as a secondary highway.	No changes noted.	USGS Topographic Maps
1950	No changes noted.	No changes noted.	USGS Topographic Maps
1952	Jeffrey Road has been widened.	No changes noted.	Aerial Photographs
1963	No changes noted.	No changes noted.	Aerial Photographs
1965	No changes noted.	No changes noted.	USGS Topographic Maps
1972	The orchard-related residential structures have been demolished and graded.	A residential development appears adjoining the subject site to the north and west. Interstate 405 (I-405) is noted to the south of the subject site trending in a west/east direction.	USGS Topographic Maps Aerial Photographs
1977	No changes noted.	Increased residential development is noted to the east of the subject site. A school is noted to the west of the subject site.	Aerial Photographs
1980	No changes noted.	5500 Irvine Center Drive is listed as Saddleback College. 15435 Irvine Center Drive is listed as commercial uses.	City Directory
1981	No changes noted.	Development has increased throughout the surrounding area. A manmade lake appears to the southwest of the subject site.	USGS Topographic Maps
1985	Jeffrey Road and Irvine Center Drive have been widened.	A commercial shopping center appears adjoining the subject site to the north and west. A school (Irvine Valley College) appears adjoining the subject site to the south. Residential uses appear adjoining the subject site to the west.	Aerial Photographs

**Table 3-3
Historical Uses Summary**

Year	On-Site Use	Surrounding Uses	Source
1986	No changes noted.	5500 Irvine Center Drive is listed as Irvine Valley College.	City Directory
1989	No changes noted.	Increased development appears to the east of the subject site.	Aerial Photographs
1991	No changes noted.	15415 Jeffrey Road is listed as commercial uses.	City Directory
1994	No changes noted.	Increased development appears to the east of the subject site.	Aerial Photographs
1995	No changes noted.	15475 Jeffrey Road is listed as commercial uses.	City Directory
2002	No changes noted.	No changes noted.	City Directory
2005	Orchards became row crops.	Increased development is noted to the east of the subject site. The Oak Creek Golf Club is visible to the east of the subject site. Orchards became row crops.	Aerial Photographs City Directory
2009	Jeffrey Road (in the northern portion of the subject site) was realigned to accommodate construction of the off-site BNSF railroad overhead.	No changes noted.	Aerial Photographs
2010	No changes noted.	5500 Irvine Center Drive is listed as Kaplan International.	Aerial Photographs City Directory
2012	Jeffrey Road (in the northern portion of the subject site) was realigned.	No changes noted.	Aerial Photographs
2014	No changes noted.	No changes noted.	City Directory
Notes: Other sources reviewed, but that which did not include information pertaining to the subject site included the following: Sanborn Maps.			
Source: Refer to <u>Section 7, References</u> , and <u>Appendix C</u> , for full citation and documentation of sources utilized in this table.			

3.4.2.2 Property Tax Files

Michael Baker searched the subject site for property data via First American Real Estate Solutions and the legal description for the subject site. This data typically provides current property ownership information and includes information regarding on-site improvements, zoning, land use, transfer of last sale, and other miscellaneous structural improvements. RealQuest property data for the subject site APNs was not available.

3.4.2.3 Zoning/Land Use Records

Zoning/land use records generally consist of records maintained by the local government in which the subject site is located. They indicate the uses permitted by the local government for particular zones within its jurisdiction. The records may consist of maps and/or written records.

According to the City of Irvine's *General Plan Land Use Diagram*, the subject site is designated "Recreation" and identified as "Major Highway 6-Lanes". According to the City of Irvine's *Zoning Map*, updated March 2014, the subject site is zoned Recreation (Area 1.5) and Medium Density Residential (Area 2.3).

3.4.2.4 Oil and Gas Wells

Michael Baker reviewed the California Department of Oil, Gas, and Geothermal Resources (DOGGR) online mapping system on February 1, 2018, which indicates existing and historical oil and gas wells within the immediate vicinity of the subject site. Current well status for any well indicated in the online mapping system should be confirmed at the appropriate Division of Oil and Gas District Office. According to DOGGR, no oil gas wells are located within the boundaries of the subject site and the subject site does not appear to be located within an oil/gas field. One plugged oil gas well is located within a one mile radius of the subject site (refer to [Appendix C](#)). According to the Pipeline and Hazardous Materials Safety Administration's *National Pipeline Mapping System*, no hazardous liquid pipelines are located within the boundaries of the subject site.

3.4.2.5 Other Historical Sources

Other historical sources include miscellaneous maps, newspaper archives, and records in the files and/or personal knowledge of the property owner and/or occupants. No other sources were reviewed by Michael Baker during the course of this Phase I ESA.

SECTION 4.0

SITE RECONNAISSANCE

According to the ASTM E 1527-13 Standard Practice, the objective of the site reconnaissance is to obtain information indicating the likelihood of identifying RECs in connection with the subject site.

4.1 METHODOLOGY AND LIMITING CONDITIONS

4.1.1 METHODOLOGY

Michael Baker performed a visual observation of readily accessible areas of the subject site and immediately adjoining properties on February 7, 2018. At this time, the subject site was visually inspected. Refer to Exhibit 5, *On-Site Photographs*, and Exhibit 6, *Off-Site Photographs*, for photograph documentation conducted during the site visit. The subject site was viewed from all public thoroughfares. If roads or paths with no apparent outlet are observed on the subject site, the use of the road or path was identified to determine whether it was likely to have been used as an avenue for disposal of hazardous substances or petroleum products.

4.1.2 LIMITING CONDITIONS

No limiting conditions were encountered as part of Michael Baker's site reconnaissance conducted on February 7, 2018.

4.2 ON-SITE OBSERVATIONS

4.2.1 DESCRIPTION OF ON-SITE USES

The subject site primarily consists of transportation (Jeffrey Road and Irvine Center Drive), as well as agricultural and vacant land uses along Jeffrey Road.

4.2.2 DESCRIPTION OF ON-SITE STRUCTURES AND ROADS

The subject site primarily consists of transportation uses including Jeffrey Road and Irvine Center Drive. Within the vicinity of the subject site, Jeffrey Road contains six lanes (three lanes in the northbound direction and three lanes in the southbound direction) and Irvine Center Drive



View of Jeffrey Road looking south near the central portion of the subject site.



View of Jeffrey Road/Irvine Center Drive intersection looking northwest.



View of Irvine Center Drive looking west near the central portion of the subject site.



View of property associated for partial ROW acquisition (APN: 466-011-02).



View of adjoining commercial uses near the central portion of the subject site along Jeffrey Road.



View of adjoining residential uses near the northern portion of the subject site along Jeffrey Road.



View of adjoining institutional uses near the southern portion of the subject site along Jeffrey Road.



View of agricultural uses with associated farm stand near the southern portion of the subject site along Jeffrey Road.

JEFFREY ROAD/IRVINE CENTER DRIVE INTERSECTION IMPROVEMENT PROJECT • PHASE I ESA

Off-Site Photographs

contains six lanes (three lanes in the eastbound direction and three lanes in the westbound direction). Both Jeffrey Road and Irvine Center Drive contain center landscaped medians and provide additional left- and right-turn lanes at the intersections of Jeffrey Road and Irvine Center Drive. Intermittent concrete sidewalks, and associated curb and gutter are provided along Jeffrey Road and Irvine Center Drive.

4.2.3 DESCRIPTION OF PAST USES OF THE SUBJECT SITE

Based on review of USGS Topographical Quadrangle maps and aerial photographs, past uses of the subject site appear to consist of transportation, agricultural (including associated rural residential uses). No evidence to suggest the presence of other past uses was noted during the February 7, 2018 site visit.

4.2.4 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

Michael Baker did not observe hazardous substances or petroleum products during the site visit.

4.2.5 CHEMICAL STORAGE TANKS (ASTS AND USTS)

During the February 7, 2018 site inspection the subject site was inspected for fill pipes, vent pipes, areas of abnormal or heavy staining, manways, manholes, access covers, concrete pads not homogenous with surrounding surfaces, concrete build-up areas potentially indicating pump islands, abandoned pumping equipment, or fuel pumps. No evidence suggesting the current or past use of on-site USTs or ASTs, manholes or hazardous material storage was noted within the boundaries of the subject site during the February 7, 2018 site visit.

4.2.6 SPILLS

No visual or physical evidence of stained catch basins, drip pads, sumps, or stained soils was observed during the February 7, 2018, site inspection.

4.2.7 SOLID WASTE DISPOSAL

No indication of on-site solid waste disposal practices (i.e., landfills) was apparent during the February 7, 2018 site inspection.

4.2.8 UTILITIES

Typical roadside utilities (e.g., water-related utilities including IRWD potable and recycled water lines, stormwater drainage and irrigation utilities, electric utilities, power vaults, and communication boxes) were noted during the site inspection. No staining or leakage was noted with respect to on-site utilities.

4.2.8.1 Polychlorinated Biphenyls (PCBs)

Overhead SCE power transmission lines were observed trending in a north-south direction within the boundaries of the subject site. Multiple pad-mounted transformers were observed along Jeffrey Road within the boundaries of the project site; however the pad-mounted transformers appeared to be in good condition and no evidence of di-electric fluid or staining was noted.

4.2.8.2 Wells

No water wells were observed within the boundaries of the subject site during the February 7, 2018 site visit.

4.2.8.3 Potable Water Supply

The subject site vicinity appeared to be connected to a water line, which was noted via manhole covers along Jeffrey Road and Irvine Center Drive. No evidence to suggest the presence of on-site water wells was noted.

4.2.8.4 Sewage Disposal System

The subject site and surrounding area appears to be served by the City's local sewer system. No evidence of other sewage disposal systems (including septic systems) was noted during the site visit.

4.2.8.5 Heating/Cooling

No habitable structures are located within the subject site; therefore, Michael Baker did not observe any heating or cooling systems during the site visit.

4.2.9 DRAINS AND SUMPS

Typical roadway curb, gutter, and catch basins were noted along Jeffrey Road and Irvine Center Drive during the February 7, 2018 site visit. Stormwater and agricultural drainage ditches were observed within the vicinity of agricultural ROW.

4.2.10 PITS, PONDS, LAGOONS

No pits, ponds, or lagoons were noted within the subject site during the February 7, 2018 site visit.

4.2.11 LEAD-BASED PAINTS

Lead-Based Paints (LBPs) were commonly used in traffic striping materials before the discontinued use of lead chromate pigment in traffic striping/marketing materials and hot-melt Thermoplastic stripe materials (discontinued in 1996 and 2004, respectively). Traffic striping was observed along Jeffrey Road and Irvine Center Drive during the February 7, 2018 site visit. Thus, LBPs may be present within traffic striping. However, traffic striping was noted to be in good condition.

4.2.12 AERIALLY DEPOSITED LEAD

ADL refers to lead deposited on highway shoulders from past leaded fuel vehicle emissions. According to the Caltrans ADL webpage (Caltrans 2014), although leaded fuel has been prohibited in California since the 1980's, ADL may still be present in soils adjacent to highways in use prior to that time. Thus, there is potential for lead contamination to exist within soils along the subject site due to ADL. Based on the review of USGS topographical maps and aerial photographs, Jeffrey Road and Irvine Center Drive appear to have been constructed in the 1930's, but appear to have only been moderately traveled. Thus, it is the opinion of Michael Baker that substantial quantities of ADL are not anticipated along the subject site in the vicinity of Jeffrey Road and Irvine Center Drive.

4.2.13 ASBESTOS-CONTAINING MATERIAL

Asbestos is a strong, incombustible, and corrosion resistant material, which was used in many commercial products since prior to the 1940s and up until the early 1970s. If inhaled, asbestos fibers can result in serious health problems. Asbestos containing materials (ACMs) are building materials containing more than one percent asbestos (some state and regional regulators impose

a 0.1 percent threshold). No habitable structures are located on-site; therefore, the potential for ACMs to be found on-site as a result of building materials is unlikely.

4.3 OFF-SITE OBSERVATIONS

An adjoining property is considered any real property or properties that the border of which is contiguous or partially contiguous with that of the subject site, or that would be contiguous or partially contiguous with that of the subject site but for a street, road, or other public thoroughfare separating them. An adjacent property is any real property located off-site, which is not adjoining. Visual observations of the publicly accessible portions of adjoining properties were conducted on February 7, 2018 as part of this Phase I ESA and are described below.

4.3.1 DESCRIPTION OF CURRENT AND PAST USES OF THE SURROUNDING AREA

Current uses surrounding the subject site primarily consist of residential, commercial, institutional, agricultural, recreational, transportation, utility (IRWD groundwater monitoring well facility) and vacant land uses. Past uses consisted of residential, agricultural, transportation, and vacant land uses. No evidence of past uses was noted during the site visit.

4.3.2 DESCRIPTION OF CURRENT USES AND STRUCTURES AT ADJOINING PROPERTIES

Adjoining uses observed included vacant land, transportation, recreational, and residential uses to the north; agricultural, recreational, institutional, and vacant land uses to the east; transportation, residential, and institutional uses to the south; and residential, commercial, and transportation uses to the west. Two farm stand structures associated with Manassero Farms were noted to the south, adjoining the subject site. Storage containers and sheds associated with agricultural operations were noted to the east of the subject site.

During a preliminary observation of adjoining properties from public thoroughfares, no visible or physical evidence was observed to suggest that a surface release of petroleum-based material has recently occurred. Additionally, no unusual or suspicious materials handling or storage practices were observed with respect to adjacent properties.

4.3.3 DESCRIPTION OF PAST USES AND STRUCTURES AT ADJOINING PROPERTIES

Based on the available documentation obtained, off-site uses appear to have historically consisted of orchards. A former drycleaner (Village One Day Cleaners/Drive Thru Cleaners) occupied a unit in the commercial shopping center adjoining the subject site to the north and west.

4.3.4 OBSERVATIONS OF OFF-SITE PROPERTIES

4.3.4.1 Utilities

Typical utilities (e.g., SCE power transmission lines, electrical boxes, IRWD groundwater monitoring well facility, as well as potable and recycled water lines, etc.) were noted off-site during the February 7, 2018 site visit. No staining or leaking was observed with respect to off-site utilities.

4.3.4.2 Chemical Storage Tanks

No evidence of chemical storage tanks were observed at off-site properties during the February 7, 2018 site visit.

4.3.4.3 Hazardous Materials

During a preliminary observation of adjoining properties from public thoroughfares on February 7, 2018, no visible or physical evidence was observed to suggest that hazardous substances and/or petroleum-based material are handled/stored/used or have been recently released into the environment. Storage containers and sheds associated with agricultural operations were to the east of the subject site. However, no unusual or suspicious materials handling or storage practices were observed with respect to off-site properties.

SECTION 5.0

INTERVIEWS

The ASTM E 1527-13 Standard Practice indicates that the objective of interviews is to obtain information indicating RECs in connection with the subject site. Interviews with past and present owners, operators, and occupants of the property consist of questions to be asked in the manner and of persons as described in the ASTM E 1527-13 Standard Practice. The content of questions to be asked shall attempt to obtain information about uses and conditions observed during the site reconnaissance as well as the documentation review. The content of questions to be asked of State and/or local government officials shall be decided in the discretion of the environmental professional(s) conducting the Phase I ESA, provided that the questions shall generally be directed towards identifying RECs in connection with the subject site.

5.1 PROPERTY OWNER

Due to the nature of the project (proposed roadway improvements), current and past property owners were not readily available for interview.

5.2 KEY SITE MANAGER/OPERATOR

A key site manager, identified by the property owner, is a person with good knowledge of the uses and physical characteristics of the property. Often the Key Site Manager is the property manager, the chief physical plant supervisor, or head maintenance person. If the user is the current property owner, the user has an obligation to identify a key site manager, even if it is the user himself or herself.

The City of Irvine has identified the Project Engineer, Mr. Alan Su, P.E., with Michael Baker International, as the Key Site Manager for the purposes of this analysis. Mr. Su has provided Michael Baker with information pertaining to the subject site throughout this Phase I ESA, which has been referenced accordingly.

5.3 OCCUPANTS

No occupants are associated with the subject site, and thus were not available for interview.

5.4 LOCAL GOVERNMENT OFFICIALS

City of Irvine Department of Transportation

Michael Baker contacted Ms. Melissa Dugan, Senior Transportation Analyst, at the City of Irvine on February 13, 2018 to confirm the date of roadway traffic striping along Jeffrey Road and Irvine Center Drive. Ms. Dugan stated that arterial streets (including Jeffrey Road and Irvine Center Drive) are re-striped every year.

5.5 OTHER PERSONS

No other persons were interviewed during the course of this Phase I ESA.

SECTION 6.0

EVALUATION

Michael Baker has performed a Phase I ESA in general conformance with the scope of services and limitations of ASTM E 1527-13 Standard Practice of the Jeffrey Road/Irvine Center Drive Intersection Improvements Project, City of Irvine, California, also known as the subject site within this Phase I ESA. Any exceptions to, or deletions from, this practice are described in the Section 1.0, *Introduction*, of this report. This Phase I ESA has revealed the following in connection with the subject site.

6.1 FINDINGS AND OPINIONS

The following findings and opinions are based upon review of reasonable ascertainable referenced material available to Michael Baker during the preparation of this Phase I ESA, which included a review of historical aerial photographs, historical topographic maps, regulatory databases, and other documentation, as well as interviews and site reconnaissance.

6.1.1 CURRENT ON-SITE USES

The subject site currently consists of transportation, agricultural, and vacant land uses. Currently, typical roadside utilities (e.g., water-related utilities, electric utilities, power vaults, communication boxes) and SCE power transmission lines are located on-site. Based on the review of reasonable ascertainable referenced materials, it is the opinion of Michael Baker that no RECs have resulted from current on-site uses.

6.1.1.1 Lead Based Paints (Traffic Striping Material)

LBP were commonly used in traffic striping materials before the discontinued use of lead chromate pigment in traffic striping/markings materials and hot-melt thermoplastic stripe materials (discontinued in 1997 and 2006, respectively). Michael Baker observed traffic striping along Jeffrey Road and Irvine Center Drive during the February 7, 2018 site visit. However, as noted in Section 5.0, *Interviews*, Jeffrey Road and Irvine Center Drive are re-striped each year. Thus, it is the opinion of Michael Baker that, based on the age of traffic striping material (2017), no REC has resulted in this regard.

6.1.2 PAST ON-SITE USES

Based upon the evaluation of the documented land use as demonstrated in the resources reviewed as part of this Phase I ESA, past uses of the subject site appeared to include orchards and associated residential structures. The residential structures associated with orchard uses were demolished and graded by 1972. Between 1994 to 2005, orchards became row crops within the subject site and surrounding area. Since 2014, the subject site has remained unchanged and similar to present day conditions. The following is a discussion of the findings and opinions made by Michael Baker for these past on-site uses.

6.1.2.1 Historical Agricultural Uses

Based on the evaluation of the documented land use (as demonstrated in the resources reviewed as part of this Phase I ESA), the subject site appears to have been utilized for agricultural operations since 1938. Therefore, a combination of several commonly used pesticides (i.e., Dichlorodiphenyldichloroethane [DDD], Dichlorodiphenyltrichloroethane [DDT], Dichlorodiphenyldichloroethylene [DDE]), which are now banned, may have been used throughout the subject site. The historical and current use of agricultural pesticides may have resulted in pesticide residues of certain persistence in soil concentrations that are considered to be hazardous based on established federal regulatory levels. The primary concern with historical pesticide residues is human health from inadvertent ingestion of contaminated soil, particularly by children. The presence of moderately elevated pesticide residuals in soil presents potential health and marketplace concerns.

As the areas proposed for partial ROW acquisition (APNs 466-024-19 and 466-011-02) have included agricultural uses since the 1930s, it is likely that pesticides/herbicides were historically used. Additionally, grading/excavation activities are anticipated to occur in this area, which would likely expose historical pesticides/herbicides. Thus, it is the opinion of Michael Baker that the potential presence of residual herbicides/pesticides in on-site surface soils has resulted in a REC at the time of this Phase I ESA.

It is the opinion of Michael Baker that a Phase II/Site Characterization Specialist should conduct appropriate sampling and, as appropriate, prepare a worker safety plan to ensure proper soil management and construction worker safety during grading/excavation activities while disturbing areas proposed for partial ROW acquisition (APNs 466-024-19 and 466-011-02).

Based on aerial photographs, past residential structures associated with orchard uses appeared on-site from the 1930s to 1970s. However, no indicators of potential hazardous materials were noted in relation to this use. Additionally, this property has been highly disturbed and currently

consists of transportation (Irvine Center Drive and Jeffrey Road), as well as the off-site shopping center. Therefore, it is the opinion of Michael Baker that past residential structures have not resulted in a REC at the time of this Phase I ESA.

6.1.2.2 Aerially Deposited Lead

Aerially Deposited Lead (ADL) refers to lead deposited on highway shoulders from past leaded fuel vehicle emissions. According to the Caltrans ADL webpage (Caltrans 2014), although leaded fuel has been prohibited in California since the 1980's, ADL may still be present in soils adjacent to highways in use prior to that time.

According to historical aerial photographs and topographic maps, the project site appears to have consisted of transportation (Jeffrey Road and Irvine Center Drive) and vacant land since prior to 1932, but appears to have only been moderately traveled. Therefore, it is the opinion of Michael Baker that the potential for elevated levels of lead contamination to exist within exposed soils on-site due to aerially deposited lead is unlikely, presents a de minimis condition, and no a REC has resulted in this regard.

6.1.3 CURRENT ADJOINING PROPERTIES

Adjoining uses currently consist of transportation, residential, commercial, recreational, institutional, agricultural, and vacant land uses. The following is a discussion of findings made in association with current adjoining properties.

6.1.3.1 Current Commercial Uses

Sherwin-Williams Paint Facility (15475 Jeffrey Road)

This property (adjoining the subject site to the north and west) is currently occupied by a Sherwin-Williams Paint facility. The OCHCA Hazardous Materials and Wastes Inventory Matrix reported approximately 62 water-based coatings colorant in one-gallon containers at this facility. The CHMIRS database reported a spill of approximately five gallons of water based paint to pavement and subsequent cleanup. No known remediation has been planned, is currently taking place, or has been completed on this current adjoining commercial property. Therefore, due to the de minimis nature of the reported spill, it is the opinion of Michael Baker that this facility has not resulted in a REC at the time of this Phase I ESA.

6.1.3.2 Current Institutional Uses

Irvine Valley College (5500 Irvine Center Drive)

This property (adjoining the subject site to the south and east) is currently Irvine Valley College. The OCHCA Hazardous Materials and Wastes Inventory Matrix reported multiple hazardous materials at this property including: liquid propane gas, glass cleaner, bleach, floor stripper, hydrochloric acid, caustic soda, diesel fuel, paint thinner waste, ammonium sulfate, engine oil, and waste oil. This property was listed in multiple UST databases, however files obtained did not note any USTs at this property. No known corrective action, restoration, or remediation has been planned, is currently taking place, or has been completed on this current adjoining institutional property. This property has not been under investigation for violation of any environmental laws, regulations, or standards, pertaining to hazardous materials as identified in the databases reported by EDR. Therefore, as any tanks at this facility would be off-site and have not reported any releases, it is the opinion of Michael Baker that this facility has not resulted in a REC at the time of this Phase I ESA.

6.1.3.3 Current Residential Uses

Current adjoining residential uses were noted during the during the February 7, 2018 site visit. Residential uses are not typically associated with the handling/storage or transport of hazardous materials. Therefore, it is the opinion of Michael Baker that the current adjoining residential uses have not resulted in a REC at the time of this Phase I ESA.

6.1.4 PAST ADJOINING USES

Based on documentation reviewed as part of this Phase I ESA, past adjoining uses consisted of orchards and commercial uses. These past adjoining uses are discussed as follows:

6.1.4.1 Past Commercial Uses

Village One Day Cleaners/Drive Thru Cleaners (15415 Jeffrey Road)

This property (adjoining the subject site to the west) is currently occupied by Dunkin' Donuts and was formerly Village One Day Cleaners/Drive Thru Cleaners. The OCHCA reported administrative-related hazardous waste violations from this drycleaner facility (e.g., manifest not kept for three years), as well as hazardous waste storage violations (e.g., hazardous waste not stored within approved accumulation times, containers not labeled properly, and containers not closed during transfer and storage).

In 2003, soil and groundwater sampling was conducted. PCE was not detected in soil samples. However, PCE was detected in groundwater samples at a concentration of 8 micrograms per liter (ug/l). These concentrations were only slightly above the Maximum Contaminant Limit for PCE of 5 ug/l. Perched groundwater was detected at approximately 23.5 feet below ground surface (bgs). A site closure letter was granted by the RWQCB on September 27, 2004, stating that there does not appear to be a VOC source in the soil, or a threat of additional migration of contaminants to the groundwater. Therefore, the RWQCB concluded no further soil or groundwater investigation or remediation was necessary.

In January 2014, a limited subsurface investigation indicated soil samples collected had detectable concentrations of PCE. Additional soil and soil gas investigation was conducted in June 2014. Results from the soil sampling indicated two soil samples had detectable levels of PCE. Results from the soil gas sampling indicated samples had PCE and TCE concentrations well in excess of the commercial CHHSL guidelines for soil gas. Based on these results, it was determined that a vapor intrusion risk was present and active remediation of the site would be necessary. From August to December 2014 a mobile vapor extraction system operated and removed 35.7 pounds of PCE. Results of rebound sampling indicated significant improvement of the soil gas levels.

In February 2015, Drive Thru Cleaners entered into a Remedial Action Agreement with the OCHCA for cleanup oversight at this property. At that time PCE soil vapor concentrations were detected above regulatory cancer risk thresholds. In a letter, dated June 29, 2017, the OCHCA stated that an update has not been received with regard to the site since March 2015.

Based on files reviewed, the facility is situated less than 100 feet from the subject site and could have impacted soil gas and/or groundwater at the subject site. Proposed excavation is not anticipated to exceed 15 feet bgs within this area. However, the project proposes excavation for the relocation of an electrical tower at the northeast corner of Jeffrey Road and Irvine Center Drive. This excavation (situated approximately 416 feet from this drycleaner facility) could be approximately 50 feet in depth. Based on files reviewed as part of this Phase I ESA, perched groundwater was encountered at approximately 23.5 feet bgs at this site. Thus, groundwater would likely be encountered and could involve PCEs from this off-site drycleaner facility. Thus, it is the opinion of Michael Baker that this adjoining release has resulted in a REC.

DPL Associates, Inc. (15435 Jeffrey Road)

This property was listed in EDR as a site reported in the UST database. The address reported in EDR (15435 Jeffrey Road) adjoins the subject site to the north and west within the commercial shopping center (Irvine Village Center). However, EDR plots the coordinates (33.682321, -117.777481) of this property further northwest of the subject site in the residential neighborhood,

which was historically orchards. Therefore, no evidence of past gas stations or other uses indicating USTs have been noted. Further, no indication of the handling/storage or transport of hazardous materials was observed during the site visit on February 7, 2018. As this property does not appear to contain a UST and has not reported releases of hazardous materials to the soils, surface water, or groundwater, it is the opinion of Michael Baker that this past adjoining property has not resulted in a REC at the time of this Phase I ESA.

6.1.4.2 Past Residential Uses

Past adjoining residential uses were noted during the review of historical documentation. Residential uses are not typically associated with the handling/storage or transport of hazardous materials. Therefore, it is the opinion of Michael Baker that the past adjoining residential uses have not resulted in a REC at the time of this Phase I ESA.

6.1.4.3 Past Agricultural Uses

Based on the evaluation of the documented land use (as demonstrated in the resources reviewed as part of this Phase I ESA), adjoining uses to the south, west, and north appear to have historically consisted of agricultural uses, which were constructed prior to 1938 and operate to current day. As adjoining uses were historically used for agriculture (particularly during the 1930s through current day), it is likely that pesticides/herbicides were historically used. However, historical pesticides/herbicides as a result of these adjoining historical agricultural uses are located off-site and are not anticipated to have impacted on-site surface soils. Thus, it is the opinion of Michael Baker that the presence of residual herbicide/pesticide contamination in on-site surface soils as a result of the past adjoining agricultural uses is unlikely and no REC has resulted in this regard.

6.1.5 CURRENT AND PAST ADJACENT USES

Current and past adjacent uses consist of vacant undeveloped land, residential, agricultural, and transportation uses. Five adjacent properties were listed in multiple regulatory databases involving hazardous materials. However, based on the information reviewed as part of this Phase I ESA, no reported adjacent regulatory properties have been identified that also present a potential concern to groundwater underlying the subject site. Reported adjacent regulatory properties are considered to have a low potential of affecting the subject site for one or more of the following reasons: distance from the subject site, direction of anticipated groundwater flow, site status, and/or no contamination has been reported. Thus, it is the opinion of Michael Baker that no REC has resulted from adjacent regulatory properties.

6.1.6 DATA GAPS

A data gap is a lack of or inability to obtain information required by the ASTM E 1527-13 Standard Practice despite good faith efforts by the Environmental Professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including but not limited to site reconnaissance (for example, an inability to conduct the site visit) and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). A data gap by itself is not inherently significant. For example, if a property's historical use is not identified back to 1940 because of data failure, but the earliest source shows that the property was undeveloped, this data gap by itself would not be significant. A data gap is only significant if other information and/or professional experience raises reasonable concerns involving the data gap. For example, if a building on the property is inaccessible during the site visit, and the Environmental Professional's experience indicates that such a building often involves activity that leads to an REC, the inability to inspect the building would be a significant data gap warranting comment.

No significant data gaps were noted during the course of the Phase I ESA. Refer to Section 6.3, Limiting Conditions/Deviations, below.

6.2 CONCLUSIONS

Michael Baker has performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13 Standard Practice of the Jeffrey Road/Irvine Center Drive Intersection Improvements Project, City of Irvine, California, the subject site. Any exceptions to, or deletions from, this practice are described in Section 6.3, Limiting Conditions/Deviations, of this Phase I ESA. This Phase I ESA has revealed evidence of RECs in connection with the subject site, which include the following:

- **Historical Agricultural Uses:** It is the opinion of Michael Baker that pesticides/herbicides from historical orchard/agricultural uses is likely to be present on-site in areas proposed for partial ROW acquisition (APNs 466-024-19 and 466-011-02). Thus, it is the opinion of Michael Baker that the potential presence of residual herbicides/pesticides in on-site surface soils has resulted in a REC at the time of this Phase I ESA.
- **Village One Day Cleaners/Drive Thru Cleaners (15415 Jeffrey Road):** It is the opinion of Michael Baker that residual PCE contamination is likely present in groundwater from past releases at this off-site drycleaner facility. Proposed excavation activities would like require dewatering, which could expose people or the environment to contaminated groundwater. Thus, it is the opinion of Michael Baker that the potential presence of

contaminated groundwater at the subject site has resulted in a REC at the time of this Phase I ESA.

6.3 LIMITING CONDITIONS / DEVIATIONS

Historical information for the subject site was obtained back to 1896, at which time the subject site consisted of vacant land and one roadway. Michael Baker was unable to identify what year the on-site roadway was constructed. However, based on the past and current uses of the subject site, it is the opinion of Michael Baker that this information would not have increased the knowledge of the Environmental Professional such that the conclusions of this Phase I ESA would change. Thus, it is the opinion of Michael Baker that this limitation is not a significant data gap.

Michael Baker did encounter data failure with regard to source intervals during the course of this Phase I ESA. Michael Baker was unable to obtain specific property land use information of the subject site within a five year interval from 1902 to 1932. During this time, Jeffrey Road appears trending in a north to south direction and Irvine Center Drive (historically referenced as Valencia Avenue) appears trending in a west to east direction. Additionally, specific property land use information was not obtained between the years of 1965 and 1972. During this time, the residential structures associated with orchard uses were demolished and the land was graded. No indicators of potential hazardous materials were noted in relation to these uses. No other substantial development or changes occurred at the subject site. No evidence of other uses during this time were noted for the surrounding area. Thus, it is the opinion of Michael Baker that this limitation is not a significant data gap at the time of this Phase I ESA.

Due to the nature of the project (transportation improvements), current and past property owners/operators/occupants were not interviewed. Based on a review of available historical topographic maps, historical aerial photographs, and available public records, the subject site appears to have consisted of transportation, orchard/agricultural (including associated residential structures), and vacant land uses. Based on the historical documentation reviewed, it is Michael Baker's opinion that these interviews would not increase the knowledge of the Environmental Professional such that the conclusions of this Phase I ESA would change. Thus, it is the opinion of Michael Baker that this deviation is not a significant data gap.

No other limitations, deviations, or exceptions were encountered during the preparation of this Phase I ESA. Further, no additional scope items, or items outside of the scope of a Phase I ESA E 1527-13 Standard Practice, were conducted as part of this Phase I ESA.

SECTION 7.0

REFERENCES

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APPENDICES

APPENDIX A: ASTM TERMINOLOGY

TERMINOLOGY

The following definitions and descriptions of terms are from the ASTM E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

Abandoned property – property that can be presumed to be deserted, or an intent to relinquish possession or control can be inferred from the general disrepair or lack of activity thereon such that a reasonable person could believe that there was an intent on the part of the current owner to surrender rights to the property.

Activity and use limitations – legal or physical restrictions or limitations on the use of, or access to, a site or facility: (1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls, are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil, soil vapor, groundwater, and/or surface water on the property. See Note 1.

NOTE 1 — the term AUL is taken from Guide E2091 to include both legal (that is, institutional) and physical (that is, engineering) controls within its scope. Other agencies, organizations, and jurisdictions may define or utilize these terms differently (for example, EPA and California do not include physical controls within their definitions of “institutional controls.” Department of Defense and International County/City Management Association use “Land Use Controls.” The term ‘land use restrictions’ is used but not defined in the Brownfields Amendments).

Actual knowledge – the knowledge actually possessed by an individual who is a real person, rather than an entity. Actual knowledge is to be distinguished from constructive knowledge that is knowledge imputed to an individual or entity.

Adjoining properties – any real property or properties the border of which is contiguous or partially contiguous with that of the property, or that would be contiguous or partially contiguous with that of the property but for a street, road, or other public thoroughfare separating them.

Aerial photographs – photographs taken from an aerial platform with sufficient resolution to allow identification of development and activities of areas encompassing the property. Aerial photographs are often available from government agencies or private collections unique to a local area.

All appropriate inquiry – that inquiry constituting “all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice” as defined in CERCLA. 42 U.S.C. §9601(35)(B), that will qualify a party to a commercial real estate transaction for one of threshold criteria for satisfying the LLPs to CERCLA liability (42 U.S.C. §9601(35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense.

Approximate minimum search distance – the area for which records must be obtained and reviewed pursuant to Section 8 subject to the limitations provided in that section. This may include areas outside the property and shall be measured from the nearest property boundary. This term is used in lieu of radius to include irregularly shaped properties.

Bona fide prospective purchaser liability protection – (42 U.S.C. §9607(r) – a person may qualify as a bona fide prospective purchaser if, among other requirements, such person made “all appropriate inquiries into the previous ownership and uses of the facility in accordance with generally accepted good commercial and customary standards and practices.” Knowledge of contamination resulting from all appropriate inquiry would not generally preclude this liability protection. A person must make all appropriate inquiries on or before the date of purchase. The facility must have been purchased after January 11, 2002.

Brownfields Amendments – amendments to CERCLA pursuant to the Small Business Liability Relief and Brownfields Revitalization Act, Pub. L. No. 107-118 (2002), 42 U.S.C. §§9601 et. seq.

Building department records – those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property. Often building department records are located in the building department of a municipality or county.

Business environmental risk – a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of business

environmental risk issues may involve addressing one or more non-scope considerations, some of which are identified in Section 13.

Commercial real estate – any real property except a dwelling or property with no more than four dwelling units exclusively for residential use (except that a dwelling or property with no more than four dwelling units exclusively for residential use is included in this term when it has a commercial function, as in the building of such dwellings for profit). This term includes but is not limited to undeveloped real property and real property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes: property used for residential purposes that has more than four residential dwelling units; and property with no more than four dwelling units for residential use when it has a commercial function, as in the building of such dwellings for profit.

Commercial and real estate transaction – a transfer of title to or possession of real property or receipt of a security interest in real property, except that it does not include transfer of title to or possession of real property or the receipt of a security interest in real property or the receipt of a security interest in real property with respect to an individual dwelling or building containing fewer than five dwelling units, nor does it include the purchase of a lot or lots to construct a dwelling for occupancy by a purchaser, but a commercial real estate transaction does include real property purchased or leased by persons or entities in the business of building or developing dwelling units.

Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) – the list of sites compiled by EPA that EPA has investigated or is currently investigating for potential hazardous substance contamination for possible inclusion on the National Priorities List.

Construction debris – concrete, brick, asphalt, and other such building materials discarded in the construction of a building or other improvement to property.

Contaminated public wells – public wells used for drinking water that have been designated by a government entity as contaminated by hazardous substances (for example, chlorinated solvents), or as having water unsafe to drink without treatment.

Contiguous property owner liability protection – (42 U.S.C. §9607(q) – a person may qualify for the contiguous property owner liability protection if, among other requirements, such person owns real property that is contiguous to, and that is or may be contaminated by hazardous substances from other real property that is not owned by that person. Furthermore, such person conducted all appropriate inquiries at the time of acquisition of

the property and did not know or have reason to know that the property was or could be contaminated by a release or threatened release from the contiguous property. The all appropriate inquiries must not result in knowledge of contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the contiguous property owner liability protection. See Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Controlled recognized environmental condition – a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). (See Note 2). A condition considered by the environmental professional to be controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report. (See Note 3).

Note 2 – For example, if a leaking underground storage tank has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria, this would be considered a controlled recognized environmental condition. The “control” is represented by the restriction that the property use remains commercial.

Note 3 – A condition identified as a controlled recognized environmental condition does not imply that the environmental professional has evaluated or confirmed the adequacy, implementation, or continued effectiveness of the required control that has been, or is intended to be implemented.

CORRACTS list – a list maintained by EPA of hazardous waste treatment, storage, or disposal facilities and other RCRA-regulated facilities (due to past interim status or storage of hazardous waste beyond 90 days) that have been notified by the U.S. Environmental Protection Agency to undertake corrective action under RCRA. The CORRACTS list is a subset of the EPA database that manages RCRA data.

Data failure – a failure to achieve the historical research objectives in 8.3.1 through 8.3.2.2 even after reviewing the standard historical sources 8.3.4.1 through 8.3.4.8 that are reasonably ascertainable and likely to be useful. Data failure is one type of data gap. See 8.3.2.3.

Data gap – a lack of or inability to obtain information required by this practice despite good faith efforts by the environmental professional to gather such information. Data gaps may result from incompleteness in any of the activities required by this practice, including, but not limited to site reconnaissance (for example, an inability to conduct the site visit), and interviews (for example, an inability to interview the key site manager, regulatory officials, etc.). See 12.7.

Demolition debris – concrete, brick, asphalt, and other such building materials discarded in the demolition of a building or other improvement to property.

De minimis condition – a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis conditions are not recognized environmental conditions nor controlled recognized environmental conditions.

Drum – a container (typically, but not necessarily, holding 55 gal (208 L) of liquid) that may be used to store hazardous substances or petroleum products.

Dry wells – underground areas where soil has been removed and replaced with pea gravel, coarse sand, or large rocks. Dry wells are used for drainage, to control storm runoff, for the collection of spilled liquids (intentional and non-intentional) and wastewater disposal (often illegal).

Due diligence – the process of inquiring into the environmental characteristics of a parcel of commercial real estate or other conditions, usually in connection with a commercial real estate transaction. The degree and kind of due diligence vary for different properties and differing purposes. See Appendix X1.

Dwelling – structure or portion thereof used for residential habitation.

Engineering controls (EC) – physical modifications to a site or facility (for example, capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to hazardous substances or petroleum products in the soil or groundwater on the property. Engineering controls are a type of activity and use limitation (AUL).

Environment – environment shall have the same meaning as the definition of environment in CERCLA 42 U.S.C. § 9601 (8). For additional background information, see Legal Appendix (Appendix X1) to section XI. 1.1 “Releases and Threatened Release.”

Environmental compliance audit – the investigative process to determine if the operations of an existing facility are in compliance with applicable environmental laws and regulations. This term should not be used to describe this practice, although an environmental compliance audit may include an environmental site assessment or, if prior audits are available, may be part of an environmental site assessment.

Environmental lien – a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 U.S.C. §§9607(1) & 9607(r) and similar state or local laws.

Environmental professional – a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). For the convenience of the reader, this section is reprinted in Appendix X2. The person may be an independent contractor or an employee of the user.

Environmental site assessment (ESA) – the process by which a person or entity seeks to determine if a particular parcel of real property (including improvements) is subject to recognized environmental conditions. At the option of the user, an environmental site assessment may include more inquiry than that constituting all appropriate inquiries or, if the user is not concerned about qualifying for the LLPs, less inquiry than that constituting all appropriate inquiries. An environmental site assessment is both different from and often less rigorous than an environmental compliance audit.

ERNS list – EPA’s emergency response notification system list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity, as maintained at the National Response center. Notification requirements for such releases or spills are codified in 40 CFR Parts 302 and 335.

Federal Register (FR) – publication of the United States government published daily (except for federal holidays and weekends) containing all proposed and final regulations and some other activities of the Federal Government. When regulations become final, they are included in the Code of Federal Regulations (CFR), as well as published in the Federal Register.

Fill dirt – dirt, soil, sand, or other earth, that is obtained off-site, that is used to fill holes or depressions, create mounds, or otherwise artificially change the grade or elevation or real

property. It does not include material that is used in limited quantities for normal landscaping activities.

Fire insurance maps – maps produced for private fire insurance map companies that indicate uses of properties at specified dates and that encompass the property. These maps are often available at local libraries, historical societies, private resellers, or from the map companies who produced them.

Good faith – the absence of any intention to seek an unfair advantage or to defraud another party; an honest and sincere intention to fulfill one’s obligations in the conduct or transaction concerned.

Hazardous substance – a substance defined as a hazardous substance pursuant to CERCLA 42 U.S.C. §9601(14), as interpreted by EPA regulations and the courts: “(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901 et seq.) has been suspended by Act of Congress, (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. §7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. The term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).” (See Appendix X1.)

Hazardous waste – any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901-6992(k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a hazardous waste, at 42 U.S.C. §6903, as: “a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may – (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (B)

pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed.”

Hazardous waste/contaminated sites – sites on which a release has occurred, or is suspected to have occurred, of any hazardous substance, hazardous waste, or petroleum products, and that release or suspected release has been reported to a government entity.

Historical recognized environmental condition – a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition.

IC/EC registries – databases of institutional controls or engineering controls that may be maintained by a federal, state or local environmental agency for purposes of tracking sites that may contain residual contamination and AULs. The names for these may vary from program to program and state to state, and include terms such as Declaration of Environmental Use Restriction database (Arizona), list of “deed restrictions” (California), environmental real covenants list (Colorado), brownfields site list (Indiana, Missouri, Pennsylvania), and the Pennsylvania Activity and Use Limitation (PA AUL) Registry.

Innocent landowner defense – (42 U.S.C. §§9601(35) and 9607(b)(3)) – a person may qualify as one of three types of innocent landowners: (i) a person who “did not know and had no reason to know” that contamination existed on the property at the time the purchaser acquired the property; (ii) a government entity which acquired the property by escheat, or through any other involuntary transfer or acquisition, or through the exercise of eminent domain authority by purchase or condemnation; and (iii) a person who “acquired the facility by inheritance or bequest.” To qualify for the first type of innocent landowner defense, such person must have made all appropriate inquiries on or before the date of purchase. Furthermore, the all appropriate inquiry must not have resulted in knowledge of the contamination. If it does, then such person did “know” or “had reason to know” of contamination and would not be eligible for the innocent landowner defense. See

Appendix X1 for the other necessary requirements that are beyond the scope of this practice.

Institutional controls (IC) – a legal or administrative restriction (for example, “deed restrictions,” restrictive covenants, easements, or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the property, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. An institutional control is a type of Activity and Use Limitation (AUL).

Interviews – those portions of this practice that are contained in Section 10 and 11 thereof and address questions to be asked of past and present owners, operators, and occupants of the property and questions to be asked of local government officials.

Key site manager – the person identified by the owner or operator of a property as having good knowledge of the uses and physical characteristics of the property. See 10.5.1.

Landfill – a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term solid waste disposal site and is also known as a garbage dump, trash dump, or similar term.

Landowner Liability Protections (LLPs) – landowner liability protections under CERCLA; these protections include the bona fide prospective purchaser liability protection, contiguous property owner liability protection, and innocent landowner defense from CERCLA liability. See 42 U.S.C. §§9601(35)(A), 9601(40), 9607(b), 9607(q), 9607(r).

Local government agencies – those agencies of municipal or county government having jurisdiction over the property. Municipal and county government agencies include but are not limited to cities, parishes, townships, and similar entities.

Local street directories – directories published by private (or sometimes government) sources that show ownership, occupancy, and/or use of sites by reference to street addresses. Often local street directories are available at libraries, or historical societies, and/or local municipal offices. See 8.3.4.6 of this practice.

LUST sites – state lists of leaking underground storage tank sites. RCRA gives EPA and states, under cooperative agreements with EPA, authority to clean up releases from UST systems or require owners and operators to do so. (42 U.S.C. §6991b).

Major occupants – those tenants, subtenants, or other persons or entities each of which uses at least 40% of the leasable area of the property or any anchor tenant when the property is a shopping center.

Material safety data sheet (MSDS) – written or printed material concerning a hazardous substance which is prepared by chemical manufacturers, importers, and employers for hazardous chemicals pursuant to OSHA’s Hazard Communication Standard, 29 C.F.R. §1910.1200.

Material threat – A physically observable or obvious threat which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment. An example might include an aboveground storage tank system that contains a hazardous substance and which shows evidence of damage. The damage would represent a material threat if it is deemed serious enough that it may cause or contribute to tank integrity failure with release of contents to the environment.

Migrate/migration – for the purposes of this practice, “migrate” and “migration” refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface. See Note 4.

Note 4 – Vapor migration in the subsurface is described in Guide E2600; however, nothing in this practice should be construed to require application of the Guide E2600 standard to achieve compliance with all appropriate inquiries.

National Contingency Plan (NCP) – the National Oil and Hazardous Substances Pollution Contingency Plan, found at 40 C.F.R. Part 300, that is the EPA’s blueprint on how hazardous substances are to be cleaned up pursuant to CERCLA.

National Priorities List (NPL) – list compiled by EPA pursuant to CERCLA 42 U.S.C. §9605(a)(8)(B) of properties with the highest priority for cleanup pursuant to EPA’s Hazard Ranking System. See 40 C.F.R. Part 300.

Obvious – that which is plain or evident; a condition or fact that could not be ignored or overlooked by a reasonable observer while visually or physically observing the property.

Occupants – those tenants, subtenants, or other persons or entities using the property or a portion of the property.

Operator – the person responsible for the overall operation of a facility.

Other historical sources – any source or sources other than those designated in Sections 8.3.4.1 through 8.3.4.8 that are credible to a reasonable person and that identify past uses of the property. The term includes, but is not limited to: miscellaneous maps, newspaper archives, internet sites, community organizations, local libraries, historical societies, current owners or occupants of neighboring properties, and records in the files and/or personal knowledge of the property owner and/or occupants. See 8.3.4.9.

Owner – generally the fee owner of record of the property.

Petroleum exclusion – the exclusion from CERCLA liability provided in 42 U.S.C. §9601(14), as interpreted by the courts and EPA: “The term (hazardous substance) does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).”

Petroleum products – those substances included within the meaning of the petroleum exclusion to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a hazardous substance under Subparagraphs (A) through (F) of 42 U.S.C. §9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas). (The word fraction refers to certain distillates of crude oil, including gasoline, kerosene, diesel oil, jet fuels, and fuel oil, pursuant to Standard Definitions of Petroleum Statistics.)

Phase I Environmental Site Assessment – the process described in this practice.

Physical setting sources – sources that provide information about the geologic, hydrogeologic, hydrologic, or topographic characteristics of a property. See 8.2.4.

Pits, ponds, or lagoons – man-made or natural depressions in a ground surface that are likely to hold liquids or sludge containing hazardous substances or petroleum products. The likelihood of such liquids or sludge being present is determined by evidence of factors

associated with the pit, pond, or lagoon, including, but not limited to, discolored water, distressed vegetation, or the presence of an obvious wastewater discharge.

Practically reviewable – information that is practically reviewable means that the information is provided by the source in a manner and in a form that, upon examination, yields information relevant to the property without the need for extraordinary analysis of irrelevant data. The form of the information shall be such that the user can review the records for a limited geographic area. Records that cannot be feasibly retrieved by reference to the location of the property or a geographic area in which the property is located are not generally practically reviewable. Most databases of public records are practically reviewable if they can be obtained from the source agency by the county, city, zip code, or other geographic area of the facilities listed in the record system. Records that are sorted, filed, organized, or maintained by the source agency only chronologically are not generally practically reviewable. Listings in publicly available records which do not have adequate address information to be located geographically are not generally considered practically reviewable. For large databases with numerous records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not practically reviewable unless they can be obtained from the source agency in the smaller geographic area of zip codes. Even when information is provided by zip code for some large databases, it is common for an unmanageable number of sites to be identified within a given zip code. In these cases, it is not necessary to review the impact of all of the sites that are likely to be listed in any given zip code because that information would not be practically reviewable. In other words, when so much data is generated that it cannot be feasibly reviewed for its impact on the property, it is not practically reviewable.

Property – the real property that is the subject of the environmental site assessment described in this practice. Real property includes buildings and other fixtures and improvements located on the property and affixed to the land.

Property tax files – the files kept for property tax purposes by the local jurisdiction where the property is located and may include records of past ownership, appraisals, maps, sketches, photos, or other information that is reasonably ascertainable and pertaining to the property. See 8.3.4.3.

Publicly available – information that is publicly available means that the source of the information allows access to the information by anyone upon request.

RCRA generators – those persons or entities that generate hazardous wastes, as defined and regulated by RCRA.

RCRA generators list – list kept by EPA of those persons or entities that generate hazardous wastes as defined and regulated by RCRA.

RCRA TSD facilities – those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA.

RCRA TSD facilities list – list kept by EPA of those facilities on which treatment, storage, and/or disposal of hazardous wastes takes place, as defined and regulated by RCRA.

Reasonably ascertainable – information that is (1) publicly available, (2) obtainable from its source within reasonable time and cost constraints, and (3) practically reviewable.

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

Recorded land title records – records of historical fee ownership, which may include leases, land contracts, and AULs on or of the property recorded in the place where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located. (Often such records are kept by a municipal or county recorder or clerk.) Such records may be obtained from title companies or directly from the local government agency. Information about the title to the property that is recorded in a U.S. district court or any place other than where land title records are, by law or custom, recorded for the local jurisdiction in which the property is located, are not considered part of recorded land title records. See 8.3.4.4.

Records of emergency release notifications EPCRA – (42 U.S.C. §11004) – requires operators of facilities to notify their local emergency planning committee (as defined in EPCRA) and state emergency response commission (as defined in EPCRA) and state emergency response commission (as defined in EPCRA) of any release beyond the facility’s boundary of any reportable quantity of any extremely hazardous substance. Often the local fire department is the local emergency planning committee. Records of such notifications are “Records of Emergency Release Notifications” (42 U.S.C. 11004).

Records review – that part that is contained in Section 8 of this practice which addresses records shall or may be reviewed.

Release – a release of any hazardous substance or petroleum product shall have the same meaning as the definition of “release” in CERCLA 42 U.S.C. § 9601(22)). For additional background information, see Legal Appendix (Appendix X1) to X1.1.1 “Releases and Threatened Release.”

Report – the written report prepared by the environmental professional and constituting part of a “Phase I Environmental Site Assessment,” as required by this practice.

Site reconnaissance – that part that is contained in Section 9 of this practice and addresses what should be done in connection with the site visit. The site reconnaissance includes, but is not limited to, the site visit done in connection with such a Phase I Environmental Site Assessment.

Site visit – the visit to the property during which observations are made constituting the site reconnaissance section of this practice.

Solid waste disposal site – a place, location, tract of land, area, or premises used for the disposal of solid wastes as defined by state solid waste regulations. The term is synonymous with the term landfill and is also known as a garbage dump, trash dump, or similar term.

Solvent – a chemical compound that is capable of dissolving another substance and may itself be a hazardous substance, used in a number of manufacturing/industrial processes including but not limited to the manufacture of paints and coatings for industrial and household purpose, equipment clean-up, and surface degreasing in metal fabricating industries.

Standard environmental record sources – those records specified in Section 8.2.1.

Standard historical sources – those sources of information about the history of uses of property specified in Section 8.3.4.

Standard physical setting source – a current (USGS 7.5 Minute Topographic Map (if any) showing the area on which the property is located.

Standard practice – the activities set forth in this practice.

Standard sources – sources of environmental, physical setting, or historical records specified in section 8 of this practice.

State registered USTs – state lists of underground storage tanks required to be registered under Subtitle I, Section 9002 of RCRA.

Sump – a pit, cistern, cesspool, or similar receptacle where liquids drain, collect, or are stored.

TSD facility – treatment, storage, or disposal facility (see RCRA TSD facilities).

Underground injection – the emplacement or discharge of fluids into the subsurface by means of a well, improved sinkhole, sewage drain hole, subsurface fluid distribution system or other system, or groundwater point source.

Underground storage tank (UST) – any tank, including underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground.

User – the party seeking to use Practice E1527 to complete and environmental site assessment of the property. A user may include, without limitation, a potential purchaser of property, a potential tenant of property, an owner of property, a lender, or a property manager. The user has specific obligations for completing a successful application of this practice as outlined in Section 6.

USGS 7.5 Minute Topographic Map – the map (if any) available from or produced by the United States Geological Survey entitled “USGS 7.5 Minute Topographic Map,” and showing the property.

Visually and/or physically observed – during a site visit pursuant to this practice, this term means observations made by vision while walking through a property and the structures located on it and observations made by the sense of smell, particularly observations of noxious or foul odors. The term “walking through” is not meant to imply that disabled persons who cannot physically walk may not conduct a site visit; they may do so by the means at their disposal for moving through the property and the structures located on it.

Wastewater – water that (1) is or has been used in an industrial or manufacturing process, (2) conveys or has convey sewage, or (3) is directly related to manufacturing, processing, or raw materials storage areas at an industrial plant. Wastewater does not include water originating on or passing through or adjacent to a site, such as stormwater flows, that has

not been used in industrial or manufacturing processes, has not been combined with sewage, or is not directly related to manufacturing, processing, or raw materials storage areas at an industrial plant.

Zoning/land use records – those records of the local government in which the property is located indicating the uses permitted by the local government in particular zones within its jurisdiction. The records may consist of maps and/or written records. They are often located in the planning department of a municipality or county. See 8.3.4.8.

APPENDIX B:
DATABASE RECORDS SEARCHES

Jeffrey Road/Irvine Center Drive Improvements

NA

Irvine, CA 92618

Inquiry Number: 5146884.2s

December 28, 2017

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
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TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	42
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-9
Physical Setting Source Map Findings	A-11
Physical Setting Source Records Searched	PSGR-1

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with any questions or comments.

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EXECUTIVE SUMMARY

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

TARGET PROPERTY INFORMATION

ADDRESS

NA
IRVINE, CA 92618

COORDINATES

Latitude (North):	33.6795760 - 33° 40' 46.47"
Longitude (West):	117.7787660 - 117° 46' 43.55"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	427811.3
UTM Y (Meters):	3726707.5
Elevation:	126 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640942 TUSTIN, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140515
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
NA
IRVINE, CA 92618

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1		15475 JEFFERY RD. SU	CHMIRS	Higher	1 ft.
A2	IRVINE VALLEY COLLEG	5500 IRVINE CENTER D	RCRA-LQG, HAZNET	Higher	1 ft.
A3	SHERWIN WILLIAMS #89	15475 JEFFREY RD STE	HAZNET	Higher	1 ft.
A4	SHERWIN-WILLIAMS #89	15475 JEFFREY RD STE	FINDS	Higher	1 ft.
A5	IRVINE VALLEY COLLEG	5500 IRVINE CENTER D	UST, SWEEPS UST	Higher	1 ft.
A6	BARRANCA PARKWAY ENT	5500 IRVINE CENTER D	NPDES	Higher	1 ft.
A7	IRVINE VALLEY COLLEG	5500 IRVINE CENTER D	FINDS	Higher	1 ft.
A8	SADDLEBACK COMMUNITY	5500 IRVINE CENTER D	HIST UST, NPDES	Higher	1 ft.
A9	MIKE T PEAK	5500 IRVINE CENTER D	HIST UST, CA FID UST, NPDES, PEST LIC	Higher	1 ft.
B10	VILLAGE 1 DAY CLEANE	15415 JEFFREY RD	EDR Hist Cleaner	Higher	20, 0.004, NNE
11	PERSONALIZED CLEANER	15332 MONTPELLIER AV	EDR Hist Cleaner	Higher	75, 0.014, NNE
B12	D P L ASSOC INC	15435 JEFFREY RD	UST	Higher	100, 0.019, NNE
B13	VILLAGE ONE DAY CLEA	15415 JEFFREY RD	RCRA-SQG, FINDS, ECHO, HAZNET	Higher	100, 0.019, NNE
B14	VILLAGE 1 DAY CLEANE	15415 JEFFREY RD	RCRA-SQG	Higher	100, 0.019, NNE
15	IRVINE CLEANERS	10 CRESTHAVEN	EDR Hist Cleaner	Lower	341, 0.065, West
16	IRVINE FIRE STATION	301 YALE LOOP	HIST CORTESE	Lower	1181, 0.224, WSW
17	OR CO FIRE STATION #	301 E YALE LOOP	LUST, CA FID UST, EMI	Lower	1940, 0.367, SW
18	PACIFIC BELL	4918 IRVINE CENTER D	RCRA-SQG, LUST, HIST UST, CA FID UST, HIST CORTESE	Lower	2002, 0.379, NW
19	OAK CREEK ELEMENTARY	DOVE CREEK STREET/EA	ENVIROSTOR, SCH	Higher	3722, 0.705, SSW
C20	CITY OF IRVINE, MAIN	15029 SAND CANYON	LUST, Notify 65	Higher	4598, 0.871, ESE
C21	ORANGE COUNTY INTERN	15000 SAND CANYON AV	ENVIROSTOR	Higher	4763, 0.902, ESE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

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

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

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

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

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

Federal CERCLIS NFRAP site list

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

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

EXECUTIVE SUMMARY

State- and tribal - equivalent NPL

RESPONSE..... State Response Sites

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

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

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

SLIC..... Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

AST..... Aboveground Petroleum Storage Tank Facilities

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP..... Voluntary Cleanup Program Properties

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT..... Waste Management Unit Database

SWRCY..... Recycler Database

HAULERS..... Registered Waste Tire Haulers Listing

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

ODI..... Open Dump Inventory

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

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

HIST Cal-Sites..... Historical Calsites Database

SCH..... School Property Evaluation Program

CDL..... Clandestine Drug Labs

Toxic Pits..... Toxic Pits Cleanup Act Sites

US CDL..... National Clandestine Laboratory Register

Local Land Records

LIENS..... Environmental Liens Listing

EXECUTIVE SUMMARY

LIENS 2..... CERCLA Lien Information
 DEED..... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
 LDS..... Land Disposal Sites Listing
 MCS..... Military Cleanup Sites Listing
 Orange Co. Industrial Site..... List of Industrial Site Cleanups
 SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
 FUDS..... Formerly Used Defense Sites
 DOD..... Department of Defense Sites
 SCR DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
 US FIN ASSUR..... Financial Assurance Information
 EPA WATCH LIST..... EPA WATCH LIST
 2020 COR ACTION..... 2020 Corrective Action Program List
 TSCA..... Toxic Substances Control Act
 TRIS..... Toxic Chemical Release Inventory System
 SSTS..... Section 7 Tracking Systems
 ROD..... Records Of Decision
 RMP..... Risk Management Plans
 RAATS..... RCRA Administrative Action Tracking System
 PRP..... Potentially Responsible Parties
 PADS..... PCB Activity Database System
 ICIS..... Integrated Compliance Information System
 FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
 MLTS..... Material Licensing Tracking System
 COAL ASH DOE..... Steam-Electric Plant Operation Data
 COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
 PCB TRANSFORMER..... PCB Transformer Registration Database
 RADINFO..... Radiation Information Database
 HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
 DOT OPS..... Incident and Accident Data
 CONSENT..... Superfund (CERCLA) Consent Decrees
 INDIAN RESERV..... Indian Reservations
 FUSRAP..... Formerly Utilized Sites Remedial Action Program
 UMTRA..... Uranium Mill Tailings Sites
 LEAD SMELTERS..... Lead Smelter Sites
 US AIRS..... Aerometric Information Retrieval System Facility Subsystem
 US MINES..... Mines Master Index File
 ABANDONED MINES..... Abandoned Mines
 UXO..... Unexploded Ordnance Sites
 DOCKET HWC..... Hazardous Waste Compliance Docket Listing
 ECHO..... Enforcement & Compliance History Information
 FUELS PROGRAM..... EPA Fuels Program Registered Listing
 CA BOND EXP. PLAN..... Bond Expenditure Plan
 Cortese..... "Cortese" Hazardous Waste & Substances Sites List
 CUPA Listings..... CUPA Resources List
 DRYCLEANERS..... Cleaner Facilities
 EMI..... Emissions Inventory Data

EXECUTIVE SUMMARY

ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
ICE.....	ICE
HWP.....	EnviroStor Permitted Facilities Listing
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
PROC.....	Certified Processors Database
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 09/13/2017 has revealed that there is 1

EXECUTIVE SUMMARY

RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
IRVINE VALLEY COLLEGE	5500 IRVINE CENTER DR	0 - 1/8 (0.000 mi.)	A2	9

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

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2017 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VILLAGE ONE DAY CLEAN	15415 JEFFERY RD	NNE 0 - 1/8 (0.019 mi.)	B13	24
VILLAGE 1 DAY CLEAN	15415 JEFFREY RD	NNE 0 - 1/8 (0.019 mi.)	B14	28

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/30/2017 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OAK CREEK ELEMENTARY Facility Id: 30010021 Status: No Action Required	DOVE CREEK STREET/EA	SSW 1/2 - 1 (0.705 mi.)	19	35
ORANGE COUNTY INTERN Facility Id: 30790003 Status: Refer: Other Agency	15000 SAND CANYON AV	ESE 1/2 - 1 (0.902 mi.)	C21	40

State and tribal leaking storage tank lists

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

A review of the LUST list, as provided by EDR, has revealed that there are 2 LUST sites within

EXECUTIVE SUMMARY

approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OR CO FIRE STATION #	301 E YALE LOOP	SW 1/4 - 1/2 (0.367 mi.)	17	30
Database: ORANGE CO. LUST, Date of Government Version: 11/02/2017				
Facility Id: 87UT076				
Facility Id: 02UT001				
PACIFIC BELL	4918 IRVINE CENTER D	NW 1/4 - 1/2 (0.379 mi.)	18	31
Database: ORANGE CO. LUST, Date of Government Version: 11/02/2017				
Database: LUST REG 8, Date of Government Version: 02/14/2005				
Database: LUST, Date of Government Version: 09/11/2017				
Status: Completed - Case Closed				
Facility Id: 91UT154				
Facility Status: Case Closed				
Global Id: T0605901576				
Global ID: T0605901576				

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
IRVINE VALLEY COLLEG	5500 IRVINE CENTER D	0 - 1/8 (0.000 mi.)	A5	13
Database: UST, Date of Government Version: 09/11/2017				
Facility Id: 7005				
D P L ASSOC INC	15435 JEFFREY RD	NNE 0 - 1/8 (0.019 mi.)	B12	24
Database: UST, Date of Government Version: 09/11/2017				
Facility Id: 12386				

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Registered Storage Tanks

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

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
IRVINE VALLEY COLLEG	5500 IRVINE CENTER D	0 - 1/8 (0.000 mi.)	A5	13

EXECUTIVE SUMMARY

Status: A
Tank Status: A
Comp Number: 7005

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SADDLEBACK COMMUNITY Facility Id: 00000033701	5500 IRVINE CENTER D	0 - 1/8 (0.000 mi.)	A8	17
MIKE T PEAK Facility Id: 00000066607	5500 IRVINE CENTER D	0 - 1/8 (0.000 mi.)	A9	19

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there is 1 CA FID UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MIKE T PEAK Facility Id: 30006276 Status: A	5500 IRVINE CENTER D	0 - 1/8 (0.000 mi.)	A9	19

Records of Emergency Release Reports

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 05/09/2017 has revealed that there is 1 CHMIRS site within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
Not reported OES Incident Number: 16-2367	15475 JEFFERY RD. SU	0 - 1/8 (0.000 mi.)	A1	8

Other Ascertainable Records

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act])

EXECUTIVE SUMMARY

and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 07/23/2017 has revealed that there are 2 FINDS sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SHERWIN-WILLIAMS #89	15475 JEFFREY RD STE	0 - 1/8 (0.000 mi.)	A4	13
IRVINE VALLEY COLLEG	5500 IRVINE CENTER D	0 - 1/8 (0.000 mi.)	A7	17

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2016 has revealed that there are 2 HAZNET sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
IRVINE VALLEY COLLEG GEPAID: CAD982013104	5500 IRVINE CENTER D	0 - 1/8 (0.000 mi.)	A2	9
SHERWIN WILLIAMS #89 GEPAID: CAL000400445	15475 JEFFREY RD STE	0 - 1/8 (0.000 mi.)	A3	12

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
IRVINE FIRE STATION Reg Id: 083000155T	301 YALE LOOP	WSW 1/8 - 1/4 (0.224 mi.)	16	29
PACIFIC BELL Reg Id: 083002136T	4918 IRVINE CENTER D	NW 1/4 - 1/2 (0.379 mi.)	18	31

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 11/13/2017 has revealed that there are 3 NPDES sites within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BARRANCA PARKWAY ENT	5500 IRVINE CENTER D	0 - 1/8 (0.000 mi.)	A6	14

EXECUTIVE SUMMARY

Facility Status: Active

SADDLEBACK COMMUNITY	5500 IRVINE CENTER D	0 - 1/8 (0.000 mi.)	A8	17
MIKE T PEAK	5500 IRVINE CENTER D	0 - 1/8 (0.000 mi.)	A9	19

Facility Status: Terminated

PEST LIC: A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

A review of the PEST LIC list, as provided by EDR, and dated 09/05/2017 has revealed that there is 1 PEST LIC site within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MIKE T PEAK	5500 IRVINE CENTER D	0 - 1/8 (0.000 mi.)	A9	19

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 06/16/2017 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY OF IRVINE, MAIN	15029 SAND CANYON	ESE 1/2 - 1 (0.871 mi.)	C20	38

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 3 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
VILLAGE 1 DAY CLEANER	15415 JEFFREY RD	NNE 0 - 1/8 (0.004 mi.)	B10	23
PERSONALIZED CLEANER	15332 MONTPELLIER AV	NNE 0 - 1/8 (0.014 mi.)	11	23
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
IRVINE CLEANERS	10 CRESTHAVEN	W 0 - 1/8 (0.065 mi.)	15	29

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name















ORANGE COUNTY COMPOSTING, LLC

Database(s)

SWF/LF

OVERVIEW MAP - 5146884.2S



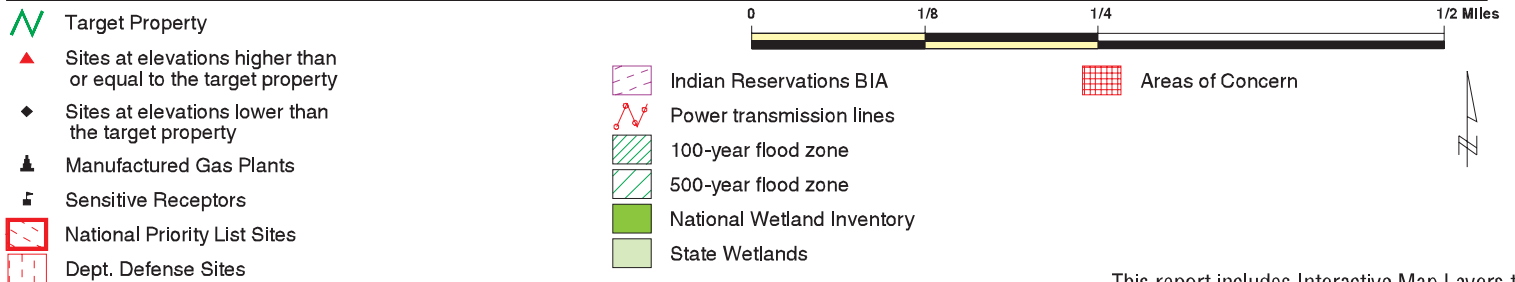
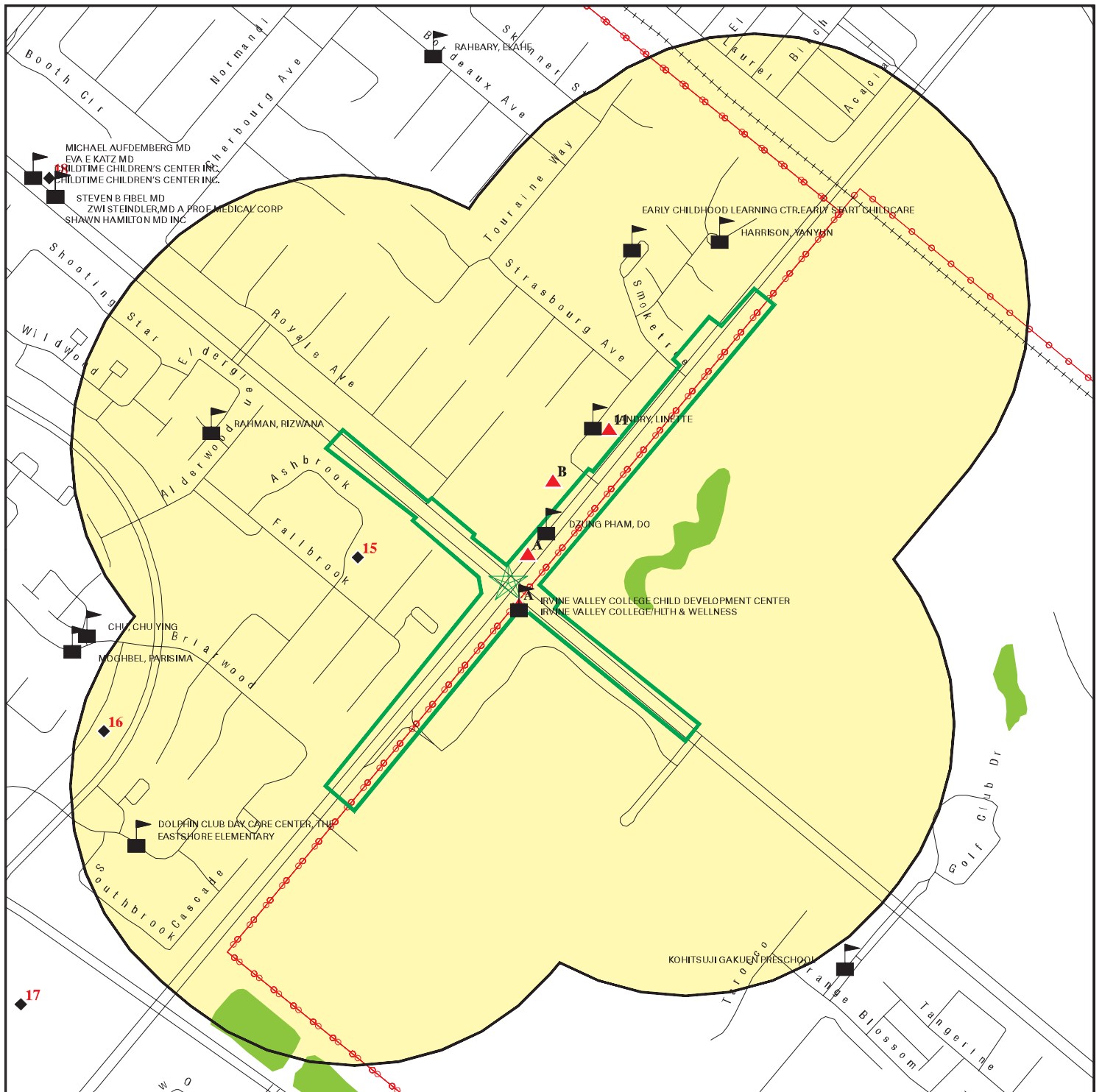
-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites
-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands
-  Upgradient Area
-  Areas of Concern

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

SITE NAME: Jeffrey Road/Irvine Center Drive Improvements
 ADDRESS: NA
 Irvine CA 92618
 LAT/LONG: 33.679576 / 117.778766

CLIENT: Michael Baker International
 CONTACT: Kristen Bogue
 INQUIRY #: 5146884.2s
 DATE: December 28, 2017 3:21 pm

DETAIL MAP - 5146884.2S



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

SITE NAME: Jeffrey Road/Irvine Center Drive Improvements
ADDRESS: NA
Irvine CA 92618
LAT/LONG: 33.679576 / 117.778766

CLIENT: Michael Baker International
CONTACT: Kristen Bogue
INQUIRY #: 5146884.2s
DATE: December 28, 2017 3:22 pm

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
HAZNET	0.001		2	NR	NR	NR	NR	2
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	1	1	NR	NR	2
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		3	NR	NR	NR	NR	3
PEST LIC	0.001		1	NR	NR	NR	NR	1
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	1	NR	1
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		3	NR	NR	NR	NR	3

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		0	21	1	3	3	0	28
-------------	--	---	----	---	---	---	---	----

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1

< 1/8
1 ft.

15475 JEFFERY RD. SUIT 400
IRVINE, CA 92612

CHMIRS

S118738797
N/A

Site 1 of 9 in cluster A

Relative:
Higher

Actual:
127 ft.

CHMIRS:

OES Incident Number:	16-2367
OES notification:	04/20/2016
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Merchant/Business
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	CHEMICAL
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1415
Year:	2016
Agency:	Sherwin Williams
Incident Date:	04/20/2016
Admin Agency:	Orange County Emergency Management Division
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Water Based Paint
Quantity Released:	5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S118738797

Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states, "In the process of off-loading, a 5 gallon pale fell off of the truck and broke when it collided with the pavement causing the release. No impact to any waterways and the release has been fully cleaned up."

A2

IRVINE VALLEY COLLEGE
5500 IRVINE CENTER DR
IRVINE, CA 92618

RCRA-LQG
HAZNET

1007199713
CAD982013104

< 1/8
1 ft.

Site 2 of 9 in cluster A

Relative:
Higher

RCRA-LQG:

Date form received by agency: 02/20/2002

Facility name: IRVINE VALLEY COLLEGE

Facility address: 5500 IRVINE CENTER DR

IRVINE, CA 92618

EPA ID: CAD982013104

Contact: NELSON M CAYABYAB

Contact address: Not reported

Not reported

Contact country: US

Contact telephone: 949-451-5256

Contact email: NCAYABYAB@IVC.CC.CA.US

EPA Region: 09

Classification: Large Quantity Generator

Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Handler Activities Summary:

U.S. importer of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IRVINE VALLEY COLLEGE (Continued)

1007199713

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

HAZNET:

envid: 1007199713
Year: 2016
GEPAID: CAD982013104
Contact: JEFFREY HURLBUT
Telephone: 9494515255
Mailing Name: Not reported
Mailing Address: 5500 IRVINE CENTER DR
Mailing City,St,Zip: IRVINE, CA 926184301
Gen County: Orange
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Other organic solids
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.204
Cat Decode: Other organic solids
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Orange

envid: 1007199713
Year: 2016
GEPAID: CAD982013104
Contact: JEFFREY HURLBUT
Telephone: 9494515255
Mailing Name: Not reported
Mailing Address: 5500 IRVINE CENTER DR
Mailing City,St,Zip: IRVINE, CA 926184301
Gen County: Orange
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Tons: 0.009
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery (H010-H129) Or (H131-H135)
Facility County: Orange

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IRVINE VALLEY COLLEGE (Continued)

1007199713

envid: 1007199713
Year: 2016
GEPID: CAD982013104
Contact: JEFFREY HURLBUT
Telephone: 9494515255
Mailing Name: Not reported
Mailing Address: 5500 IRVINE CENTER DR
Mailing City,St,Zip: IRVINE, CA 926184301
Gen County: Orange
TSD EPA ID: TXD982560294
TSD County: 99
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Not reported
Tons: 0.1525
Cat Decode: Liquids with halogenated organic compounds >= 1,000 Mg./L
Method Decode: Not reported
Facility County: Orange

envid: 1007199713
Year: 2016
GEPID: CAD982013104
Contact: JEFFREY HURLBUT
Telephone: 9494515255
Mailing Name: Not reported
Mailing Address: 5500 IRVINE CENTER DR
Mailing City,St,Zip: IRVINE, CA 926184301
Gen County: Orange
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.092
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Orange

envid: 1007199713
Year: 2016
GEPID: CAD982013104
Contact: JEFFREY HURLBUT
Telephone: 9494515255
Mailing Name: Not reported
Mailing Address: 5500 IRVINE CENTER DR
Mailing City,St,Zip: IRVINE, CA 926184301
Gen County: Orange
TSD EPA ID: TXD982560294
TSD County: 99
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Not reported
Tons: 0.1655
Cat Decode: Liquids with pH <= 2 with metals
Method Decode: Not reported
Facility County: Orange

[Click this hyperlink](#) while viewing on your computer to access
145 additional CA_HAZNET: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A3
< 1/8
1 ft.

SHERWIN WILLIAMS #8951
15475 JEFFREY RD STE 400
IRVINE, CA 92618

HAZNET **S118937934**
N/A

Site 3 of 9 in cluster A

Relative:
Higher

HAZNET:

envid: S118937934
Year: 2016
GEPAID: CAL000400445
Contact: BECKY LEONE
Telephone: 5102747547
Mailing Name: Not reported
Mailing Address: 101 W PROSPECT AVE
Mailing City,St,Zip: CLEVELAND, OH 441151027
Gen County: Orange
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Unspecified solvent mixture
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.0545
Cat Decode: Unspecified solvent mixture
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Orange

Actual:
127 ft.

envid: S118937934
Year: 2016
GEPAID: CAL000400445
Contact: BECKY LEONE
Telephone: 5102747547
Mailing Name: Not reported
Mailing Address: 101 W PROSPECT AVE
Mailing City,St,Zip: CLEVELAND, OH 441151027
Gen County: Orange
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Latex waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.9395
Cat Decode: Latex waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Orange

envid: S118937934
Year: 2015
GEPAID: CAL000400445
Contact: SHAY ROSEMAN
Telephone: 2165661710
Mailing Name: Not reported
Mailing Address: 101 W PROSPECT AVE
Mailing City,St,Zip: CLEVELAND, OH 441151027
Gen County: Orange
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Unspecified solvent mixture

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHERWIN WILLIAMS #8951 (Continued)

S118937934

Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.0255
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: S118937934
Year: 2015
GEPAID: CAL000400445
Contact: SHAY ROSEMAN
Telephone: 2165661710
Mailing Name: Not reported
Mailing Address: 101 W PROSPECT AVE
Mailing City,St,Zip: CLEVELAND, OH 441151027
Gen County: Orange
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Latex waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.4355
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

A4 **SHERWIN-WILLIAMS #8951**
15475 JEFFREY RD STE 400
IRVINE, CA 92618

FINDS 1023232163
N/A

< 1/8
1 ft.

Site 4 of 9 in cluster A

Relative:
Higher

FINDS:

Actual:
127 ft.

Registry ID: 110065194131
Environmental Interest/Information System
STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

A5 **IRVINE VALLEY COLLEGE**
5500 IRVINE CENTER DR
IRVINE, CA 92618

UST 1007249072
SWEEPS UST N/A

< 1/8
1 ft.

Site 5 of 9 in cluster A

Relative:
Higher

UST:

Actual:
127 ft.

Facility ID: 7005
Permitting Agency: ORANGE COUNTY
Latitude: 33.6791705
Longitude: -117.77661

SWEEPS UST:

Status: Active

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

IRVINE VALLEY COLLEGE (Continued)

1007249072

Comp Number: 7005
Number: 9
Board Of Equalization: 44-016554
Referral Date: 09-30-92
Action Date: 09-15-92
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-000-007005-000001
Tank Status: A
Capacity: 450
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 1

A6
< 1/8
1 ft.

BARRANCA PARKWAY ENTRANCE ROAD
5500 IRVINE CENTER DRIVE
IRVINE, CA 92618

NPDES **S119084109**
N/A

Site 6 of 9 in cluster A

Relative:
Higher

Actual:
127 ft.

NPDES:
Npdes Number: CAS000002
Facility Status: Active
Agency Id: 0
Region: 8
Regulatory Measure Id: 474999
Order No: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 8 30C376793
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 07/08/2016
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: South Orange County Community College District
Discharge Address: 28000 Marguerite Parkway
Discharge City: Mission Viejo
Discharge State: California
Discharge Zip: 92692
RECEIVED DATE: Not reported
PROCESSED DATE: Not reported
STATUS CODE NAME: Not reported
STATUS DATE: Not reported
PLACE SIZE: Not reported
PLACE SIZE UNIT: Not reported
FACILITY CONTACT NAME: Not reported
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: Not reported
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: Not reported
OPERATOR NAME: Not reported
OPERATOR ADDRESS: Not reported
OPERATOR CITY: Not reported
OPERATOR STATE: Not reported
OPERATOR ZIP: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARRANCA PARKWAY ENTRANCE ROAD (Continued)

S119084109

OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESCRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	8
Regulatory Measure Id:	474999
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	8 30C376793
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARRANCA PARKWAY ENTRANCE ROAD (Continued)

S119084109

Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	07/08/2016
PROCESSED DATE:	07/08/2016
STATUS CODE NAME:	Active
STATUS DATE:	09/11/2017
PLACE SIZE:	1.38
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Brandye DLena
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	949-582-4678
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	bdlena@socccd.edu
OPERATOR NAME:	South Orange County Community College District
OPERATOR ADDRESS:	28000 Marguerite Parkway
OPERATOR CITY:	Mission Viejo
OPERATOR STATE:	California
OPERATOR ZIP:	92692
OPERATOR CONTACT NAME:	Brandye DLena
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	949-582-4678
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	bdlena@socccd.edu
OPERATOR TYPE:	Special District
DEVELOPER NAME:	South Orange County Community College District
DEVELOPER ADDRESS:	28000 Marguerite Parkway
DEVELOPER CITY:	Mission Viejo
DEVELOPER STATE:	California
DEVELOPER ZIP:	92692
DEVELOPER CONTACT NAME:	Brandye DLena
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	N
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	N
CONSTYPE BELOW GROUND IND:	N
CONSTYPE CABLE LINE IND:	N
CONSTYPE COMM LINE IND:	N
CONSTYPE COMMERTIAL IND:	N
CONSTYPE ELECTRICAL LINE IND:	N
CONSTYPE GAS LINE IND:	N
CONSTYPE INDUSTRIAL IND:	N
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	N
CONSTYPE RECONS IND:	N
CONSTYPE RESIDENTIAL IND:	N
CONSTYPE TRANSPORT IND:	Y
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	N
CONSTYPE WATER SEWER IND:	N
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Brandye DLena
CERTIFIER TITLE:	Executive Director
CERTIFICATION DATE:	08-JUL-16
PRIMARY SIC:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BARRANCA PARKWAY ENTRANCE ROAD (Continued)

S119084109

SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

A7
< 1/8
1 ft.
IRVINE VALLEY COLLEGE
5500 IRVINE CENTER DR
IRVINE, CA 92618

FINDS **1014678183**
N/A

Site 7 of 9 in cluster A

Relative:
Higher

FINDS:

Registry ID: 110042007538

Actual:
127 ft.

Environmental Interest/Information System
HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access
additional FINDS: detail in the EDR Site Report.

A8
< 1/8
1 ft.
SADDLEBACK COMMUNITY COLLEGE,
5500 IRVINE CENTER DR
IRVINE, CA 92714

HIST UST **U001578476**
NPDES **N/A**

Site 8 of 9 in cluster A

Relative:
Higher

HIST UST:

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000033701
Facility Type: Other
Other Type: Not reported
Contact Name: JAMES WHALING
Telephone: 7145599300
Owner Name: SADDLEBACK COMMUNITY COLLEGE D
Owner Address: 28000 MARGUERITE PARKWAY
Owner City,St,Zip: MISSION VIEJO, CA 92692
Total Tanks: 0002

Tank Num: 001
Container Num: 6
Year Installed: 1978
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Visual, Pressure Test

Tank Num: 002
Container Num: 7
Year Installed: 1978
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SADDLEBACK COMMUNITY COLLEGE, (Continued)

U001578476

Leak Detection: Visual, Pressure Test

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	8
Regulatory Measure Id:	416335
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	8 30C361443
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	09/27/2013
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	06/21/2011
PROCESSED DATE:	07/18/2011
STATUS CODE NAME:	Terminated
STATUS DATE:	10/10/2013
PLACE SIZE:	2
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Brandye DLena
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	949-582-4678
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	bdlena@socccd.edu
OPERATOR NAME:	South Orange County Community College District
OPERATOR ADDRESS:	28000 Marguerite Parkway
OPERATOR CITY:	Mission Viejo
OPERATOR STATE:	California
OPERATOR ZIP:	92692
OPERATOR CONTACT NAME:	Brandye DLena
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	949-582-4678
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	bdlena@socccd.edu
OPERATOR TYPE:	Special District
DEVELOPER NAME:	Amoroso Construction
DEVELOPER ADDRESS:	275 East Baker Street Suite B
DEVELOPER CITY:	Costa Mesa
DEVELOPER STATE:	California
DEVELOPER ZIP:	92626
DEVELOPER CONTACT NAME:	Ken Miller
DEVELOPER CONTACT TITLE:	Project Superintendent
CONSTYPE LINEAR UTILITY IND:	N
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SADDLEBACK COMMUNITY COLLEGE, (Continued)

U001578476

CONSTYPE COMM LINE IND: Not reported
CONSTYPE COMMERTIAL IND: Not reported
CONSTYPE ELECTRICAL LINE IND: Not reported
CONSTYPE GAS LINE IND: Not reported
CONSTYPE INDUSTRIAL IND: Not reported
CONSTYPE OTHER DESCRIPTION: Educational
CONSTYPE OTHER IND: Y
CONSTYPE RECONS IND: Not reported
CONSTYPE RESIDENTIAL IND: Not reported
CONSTYPE TRANSPORT IND: Not reported
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: Not reported
CONSTYPE WATER SEWER IND: Not reported
DIR DISCHARGE USWATER IND: N
RECEIVING WATER NAME: Pacific Ocean
CERTIFIER NAME: Brandye DLena
CERTIFIER TITLE: Not reported
CERTIFICATION DATE: 21-JUN-11
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

A9

**MIKE T PEAK
5500 IRVINE CENTER DR
IRVINE, CA 92618**

**HIST UST
CA FID UST
NPDES
PEST LIC**

**1000256352
N/A**

**< 1/8
1 ft.**

Site 9 of 9 in cluster A

**Relative:
Higher**

**Actual:
127 ft.**

HIST UST:
File Number: 0002ED74
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ED74.pdf>
Region: STATE
Facility ID: 00000066607
Facility Type: Gas Station
Other Type: Not reported
Contact Name: JAMES WHALING
Telephone: 7145599300
Owner Name: SADDLEBACK COMMUNITY COLLEGE D
Owner Address: 28000 MARQUERITE PKWY.
Owner City,St,Zip: MISSION VIEJO, CA 92692
Total Tanks: 0001

Tank Num: 001
Container Num: 8
Year Installed: 1984
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: 1
Container Construction Thickness: X
Leak Detection: Stock Inventor

Tank Num: 001
Container Num: 8
Year Installed: 1984
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: 1
Container Construction Thickness: X

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIKE T PEAK (Continued)

1000256352

Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

CA FID UST:

Facility ID: 30006276
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7145593256
Mail To: Not reported
Mailing Address: 2800 MARGARITE PKY
Mailing Address 2: Not reported
Mailing City,St,Zip: IRVINE 92720
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

NPDES:

Npdes Number: CAS000002
Facility Status: Terminated
Agency Id: 0
Region: 8
Regulatory Measure Id: 446509
Order No: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place Id: Not reported
WDID: 8 30C370016
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 06/16/2014
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 09/27/2016
Discharge Name: South Orange County Community College District
Discharge Address: 28000 Marguerite Parkway
Discharge City: Mission Viejo
Discharge State: California
Discharge Zip: 92692
RECEIVED DATE: Not reported
PROCESSED DATE: Not reported
STATUS CODE NAME: Not reported
STATUS DATE: Not reported
PLACE SIZE: Not reported
PLACE SIZE UNIT: Not reported
FACILITY CONTACT NAME: Not reported
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: Not reported
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: Not reported
OPERATOR NAME: Not reported
OPERATOR ADDRESS: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIKE T PEAK (Continued)

1000256352

OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	8
Regulatory Measure Id:	446509
Order No:	Not reported
Regulatory Measure Type:	Construction
Place Id:	Not reported
WDID:	8 30C370016
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIKE T PEAK (Continued)

1000256352

Termination Date Of Regulatory Measure: 09/27/2016
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
RECEIVED DATE: 06/02/2014
PROCESSED DATE: 06/16/2014
STATUS CODE NAME: Terminated
STATUS DATE: 09/27/2016
PLACE SIZE: 1
PLACE SIZE UNIT: Acres
FACILITY CONTACT NAME: Brandye DLena
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: 949-582-4678
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: bdelana@socccd.edu
OPERATOR NAME: South Orange County Community College District
OPERATOR ADDRESS: 28000 Marguerite Parkway
OPERATOR CITY: Mission Viejo
OPERATOR STATE: California
OPERATOR ZIP: 92692
OPERATOR CONTACT NAME: David Schiermeyer
OPERATOR CONTACT TITLE: Not reported
OPERATOR CONTACT PHONE: 949-348-6022
OPERATOR CONTACT PHONE EXT: Not reported
OPERATOR CONTACT EMAIL: dschiermeyer@socccd.edu
OPERATOR TYPE: Special District
DEVELOPER NAME: Swinerton Builders
DEVELOPER ADDRESS: 17731 Mitchell North Suite 200
DEVELOPER CITY: Irvine
DEVELOPER STATE: California
DEVELOPER ZIP: 92614
DEVELOPER CONTACT NAME: Paul Brown
DEVELOPER CONTACT TITLE: Project Manager
CONSTYPE LINEAR UTILITY IND: N
EMERGENCY PHONE NO: Not reported
EMERGENCY PHONE EXT: Not reported
CONSTYPE ABOVE GROUND IND: N
CONSTYPE BELOW GROUND IND: N
CONSTYPE CABLE LINE IND: N
CONSTYPE COMM LINE IND: N
CONSTYPE COMMERTIAL IND: N
CONSTYPE ELECTRICAL LINE IND: N
CONSTYPE GAS LINE IND: N
CONSTYPE INDUSTRIAL IND: N
CONSTYPE OTHER DESRIPTION: Educational
CONSTYPE OTHER IND: Y
CONSTYPE RECONS IND: N
CONSTYPE RESIDENTIAL IND: N
CONSTYPE TRANSPORT IND: N
CONSTYPE UTILITY DESCRIPTION: Not reported
CONSTYPE UTILITY IND: N
CONSTYPE WATER SEWER IND: N
DIR DISCHARGE USWATER IND: N
RECEIVING WATER NAME: Not reported
CERTIFIER NAME: Brandye DLena

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MIKE T PEAK (Continued)

1000256352

CERTIFIER TITLE: Executive Director
CERTIFICATION DATE: 02-JUN-14
PRIMARY SIC: Not reported
SECONDARY SIC: Not reported
TERTIARY SIC: Not reported

PEST LIC:

Facility Type: QAC
Categories: B
License No: 130888
Issued or Renewed Date: 02/16/2016
Expiration Date: 12/31/2017

B10
NNE
< 1/8
0.004 mi.
20 ft.

VILLAGE 1 DAY CLEANERS
15415 JEFFREY RD
IRVINE, CA 92720

EDR Hist Cleaner **1018651969**
N/A

Site 1 of 4 in cluster B

Relative:
Higher

EDR Hist Cleaner

Actual:
128 ft.

Year:	Name:	Type:
1994	VILLAGE 1 DAY CLEANERS	Garment Pressing And Cleaners' Agents
1995	VILLAGE 1 DAY CLEANERS	Garment Pressing And Cleaners' Agents
1996	VILLAGE 1 DAY CLEANERS	Garment Pressing And Cleaners' Agents
1997	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
1998	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
1999	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2000	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2001	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2002	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2003	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2004	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2005	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2006	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2007	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2008	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2009	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2010	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2011	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2012	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2013	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents
2014	DRIVE THRU CLEANERS	Garment Pressing And Cleaners' Agents

11
NNE
< 1/8
0.014 mi.
75 ft.

PERSONALIZED CLEANERS
15332 MONTELLIER AVE
IRVINE, CA 92604

EDR Hist Cleaner **1020062052**
N/A

Relative:
Higher

EDR Hist Cleaner

Actual:
129 ft.

Year:	Name:	Type:
2004	PERSONALIZED CLEANERS	Drycleaning Plants, Except Rugs
2005	PERSONALIZED CLEANERS	Drycleaning Plants, Except Rugs
2006	PERSONALIZED CLEANERS	Drycleaning Plants, Except Rugs

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PERSONALIZED CLEANERS (Continued)

1020062052

2007 PERSONALIZED CLEANERS Drycleaning Plants, Except Rugs
2008 PERSONALIZED CLEANERS Drycleaning Plants, Except Rugs

B12
NNE
< 1/8
0.019 mi.
100 ft.

D P L ASSOC INC
15435 JEFFREY RD
IRVINE, CA 92618

Site 2 of 4 in cluster B

UST **U003779002**
N/A

Relative:
Higher

UST:
Facility ID: 12386
Permitting Agency: ORANGE COUNTY
Latitude: 33.682321
Longitude: -117.777481

Actual:
127 ft.

B13
NNE
< 1/8
0.019 mi.
100 ft.

VILLAGE ONE DAY CLEANERS
15415 JEFFERY RD
IRVINE, CA 92614

Site 3 of 4 in cluster B

RCRA-SQG **1000276289**
FINDS **CAD981581622**
ECHO
HAZNET

Relative:
Higher

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: VILLAGE ONE DAY CLEANERS
Facility address: 15415 JEFFERY RD
IRVINE, CA 92614
EPA ID: CAD981581622
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Actual:
127 ft.

Owner/Operator Summary:
Owner/operator name: MIKE MAMELLI
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLAGE ONE DAY CLEANERS (Continued)

1000276289

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/27/1987
Site name: VILLAGE ONE DAY CLEANERS
Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 12/14/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110008272868

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLAGE ONE DAY CLEANERS (Continued)

1000276289

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000276289
Registry ID: 110008272868
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110008272868>

HAZNET:

envid: 1000276289
Year: 2008
GEPAID: CAD981581622
Contact: JUN SOO BONG / OWNER
Telephone: 9495525180
Mailing Name: Not reported
Mailing Address: 15415 JEFFREY RD #100
Mailing City,St,Zip: IRVINE, CA 926180000
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.475
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000276289
Year: 2007
GEPAID: CAD981581622
Contact: JUN SOO BONG / OWNER
Telephone: 9495525180
Mailing Name: Not reported
Mailing Address: 15415 JEFFREY RD #100
Mailing City,St,Zip: IRVINE, CA 926180000
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.37
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000276289
Year: 2006
GEPAID: CAD981581622
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 15415 JEFFREY RD
Mailing City,St,Zip: IRVINE, CA 926204107

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLAGE ONE DAY CLEANERS (Continued)

1000276289

Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: 0.1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Orange

envid: 1000276289
Year: 1996
GEPAID: CAD981581622
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 15415 JEFFREY RD
Mailing City,St,Zip: IRVINE, CA 926204107
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Transfer Station
Tons: .0000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Riverside

envid: 1000276289
Year: 1996
GEPAID: CAD981581622
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 15415 JEFFREY RD
Mailing City,St,Zip: IRVINE, CA 926204107
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: .8775
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Riverside

[Click this hyperlink](#) while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

B14
NNE
< 1/8
0.019 mi.
100 ft.

VILLAGE 1 DAY CLEANERS
15415 JEFFREY RD
IRVINE, CA 92614

RCRA-SQG **1000276294**
CAD981962558

Site 4 of 4 in cluster B

Relative:
Higher

RCRA-SQG:

Date form received by agency: 01/12/1987

Facility name: VILLAGE 1 DAY CLEANERS

Facility address: 15415 JEFFREY RD

IRVINE, CA 92614

EPA ID: CAD981962558

Mailing address: PO BOX 1506

NEWPORT BEACH, CA 92666

Contact: ENVIRONMENTAL MANAGER

Contact address: 15415 JEFFREY

IRVINE, CA 92714

Contact country: US

Contact telephone: 714-552-5180

Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: 1 HOUR CLEANERS INC

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported

Owner/operator telephone: 415-555-1212

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported

Owner/operator telephone: 415-555-1212

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

VILLAGE 1 DAY CLEANERS (Continued)

1000276294

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

15
West
< 1/8
0.065 mi.
341 ft.

IRVINE CLEANERS
10 CRESTHAVEN
IRVINE, CA 92714

EDR Hist Cleaner **1020010021**
N/A

Relative:
Lower

EDR Hist Cleaner

Actual:
119 ft.

Year:	Name:	Type:
1993	IRVINE CLEANERS	Drycleaning Plants, Except Rugs
1994	IRVINE CLEANERS	Drycleaning Plants, Except Rugs
1995	IRVINE CLEANERS	Drycleaning Plants, Except Rugs
1996	IRVINE CLEANERS	Drycleaning Plants, Except Rugs
1997	IRVINE CLEANERS	Drycleaning Plants, Except Rugs
1998	IRVINE CLEANERS	Drycleaning Plants, Except Rugs
1999	IRVINE CLEANERS	Drycleaning Plants, Except Rugs
2000	IRVINE CLEANERS	Drycleaning Plants, Except Rugs

16
WSW
1/8-1/4
0.224 mi.
1181 ft.

IRVINE FIRE STATION #36
301 YALE LOOP
IRVINE, CA 92713

HIST CORTESE **S101299777**
N/A

Relative:
Lower

HIST CORTESE:

Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000155T

Actual:
112 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

17
SW
1/4-1/2
0.367 mi.
1940 ft.

OR CO FIRE STATION #36
301 E YALE LOOP
IRVINE, CA 92714

LUST
CA FID UST
EMI

S101609582
N/A

Relative:
Lower

ORANGE CO. LUST:

Region: ORANGE
Facility Id: 87UT076
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 09/21/1994
Record ID: RO0002666

Actual:
114 ft.

Region: ORANGE
Facility Id: 02UT001
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 09/13/2002
Record ID: RO0003031

CA FID UST:

Facility ID: 30000475
Regulated By: UTKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7145516881
Mail To: Not reported
Mailing Address: 1143 E FRUIT ST
Mailing Address 2: Not reported
Mailing City,St,Zip: IRVINE 92714
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

EMI:

Year: 1987
County Code: 30
Air Basin: SC
Facility ID: 26573
Air District Name: SC
SIC Code: 3731
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

EDR ID Number
EPA ID Number

18
NW
1/4-1/2
0.379 mi.
2002 ft.

PACIFIC BELL
4918 IRVINE CENTER DR
IRVINE, CA 92614

RCRA-SQG
LUST
HIST UST
CA FID UST
HIST CORTESE

1000250406
CAT080025463

Relative:
Lower

RCRA-SQG:

Actual:
98 ft.

Date form received by agency: 09/01/1996
Facility name: PACIFIC BELL
Facility address: 4918 IRVINE CENTER DR
IRVINE, CA 92614
EPA ID: CAT080025463
Mailing address: 500 S.MAIN S TOWER BOCC RM 260
ORANGE, CA 92668
Contact: Not reported
Contact address: Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: THE PACIFIC TELEPHONE AND TELEGRAPH CO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250406

Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/20/1981
Site name: PACIFIC BELL
Classification: Large Quantity Generator

Violation Status: No violations found

LUST:

Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901576
Global Id: T0605901576
Latitude: 33.687308
Longitude: -117.7896629
Status: Completed - Case Closed
Status Date: 02/14/1992
Case Worker: JW
RB Case Number: 083002136T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 91UT154
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:

Global Id: T0605901576
Contact Type: Local Agency Caseworker
Contact Name: JULIE WOZENCRAFT
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: jwozencraft@ochca.com
Phone Number: 7144336252

Global Id: T0605901576
Contact Type: Regional Board Caseworker
Contact Name: ROSE SCOTT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: rscott@waterboards.ca.gov
Phone Number: 9513206375

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250406

LUST:

Global Id: T0605901576
Action Type: Other
Date: 12/10/1991
Action: Leak Discovery

Global Id: T0605901576
Action Type: Other
Date: 12/10/1991
Action: Leak Reported

LUST:

Global Id: T0605901576
Status: Completed - Case Closed
Status Date: 02/14/1992

Global Id: T0605901576
Status: Open - Case Begin Date
Status Date: 12/10/1991

ORANGE CO. LUST:

Region: ORANGE
Facility Id: 91UT154
Released Substance: Diesel fuel oil and additives, Nos.1-D, 2-D, 2-4
Date Closed: 02/14/1992
Record ID: RO0000912

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083002136T
Local Case Num: 91UT154
Case Type: Soil only
Substance: Diesel
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Unknown
Global ID: T0605901576
How Stopped Date: 9/9/9999
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 12/10/1991
Enforcement Date: Not reported
Close Date: 2/14/1992
Date Prelim Assessment Workplan Submitted: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250406

Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.6879121
Longitude:	-117.7910385
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	RS
Staff Initials:	JK
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000057519
Facility Type:	Other
Other Type:	SIC 4800
Contact Name:	E.J. KOEHLER
Telephone:	4155426758
Owner Name:	PACIFIC BELL
Owner Address:	370 THIRD STREET
Owner City,St,Zip:	SAN FRANCISCO, CA 94107
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

CA FID UST:

Facility ID:	30017359
--------------	----------

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000250406

Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7146692153
Mail To: Not reported
Mailing Address: 2600 CAMINO RAMON
Mailing Address 2: Not reported
Mailing City,St,Zip: IRVINE 92714
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST CORTESE:

Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083002136T

19
SSW
1/2-1
0.705 mi.
3722 ft.

OAK CREEK ELEMENTARY
DOVE CREEK STREET/EAGLE CREEK
IRVINE, CA 92618

ENVIROSTOR **S118756655**
SCH **N/A**

Relative:
Higher

ENVIROSTOR:

Actual:
127 ft.

Facility ID: 30010021
Status: No Action Required
Status Date: 01/12/2000
Site Code: 404094
Site Type: School Investigation
Site Type Detailed: School
Acres: 10
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 74
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.66622
Longitude: -117.7835
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: IRVINE USD-OAK CREEK ELEM.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAK CREEK ELEMENTARY (Continued)

S118756655

Alias Type:	Alternate Name
Alias Name:	IRVINE USD-OAK CREEK ELEMENTARY/VCA
Alias Type:	Alternate Name
Alias Name:	400784
Alias Type:	Project Code (Site Code)
Alias Name:	404094
Alias Type:	Project Code (Site Code)
Alias Name:	30010021
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	09/23/1999
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	12/22/1999
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	01/12/2000
Comments:	Not reported

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

SCH:

Facility ID:	30010021
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	10
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	404094
Assembly:	74
Senate:	37
Special Program Status:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAK CREEK ELEMENTARY (Continued)

S118756655

Status: No Action Required
Status Date: 01/12/2000
Restricted Use: NO
Funding: School District
Latitude: 33.66622
Longitude: -117.7835
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: NONE SPECIFIED, No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: IRVINE USD-OAK CREEK ELEM.
Alias Type: Alternate Name
Alias Name: IRVINE USD-OAK CREEK ELEMENTARY/VCA
Alias Type: Alternate Name
Alias Name: 400784
Alias Type: Project Code (Site Code)
Alias Name: 404094
Alias Type: Project Code (Site Code)
Alias Name: 30010021
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/23/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 12/22/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/12/2000
Comments: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C20 CITY OF IRVINE, MAINTENANCE YARD
ESE 15029 SAND CANYON
1/2-1 IRVINE, CA 92717
0.871 mi.
4598 ft. Site 1 of 2 in cluster C

LUST S100179247
Notify 65 N/A

Relative:
Higher

LUST:

Lead Agency: ORANGE COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900948
Global Id: T0605900948
Latitude: 33.6734639
Longitude: -117.7623208
Status: Completed - Case Closed
Status Date: 02/21/1990
Case Worker: JW
RB Case Number: 083001212T
Local Agency: ORANGE COUNTY LOP
File Location: Local Agency
Local Case Number: 89UT064
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0605900948
Contact Type: Local Agency Caseworker
Contact Name: JULIE WOZENCRAFT
Organization Name: ORANGE COUNTY LOP
Address: 1241 EAST DYER ROAD SUITE 120
City: SANTA ANA
Email: jwozencraft@ochca.com
Phone Number: 7144336252

Global Id: T0605900948
Contact Type: Regional Board Caseworker
Contact Name: PATRICIA HANNON
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: phannon@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0605900948
Action Type: Other
Date: 04/17/1989
Action: Leak Reported

Global Id: T0605900948
Action Type: Other
Date: 04/17/1989
Action: Leak Discovery

LUST:

Global Id: T0605900948
Status: Completed - Case Closed
Status Date: 02/21/1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF IRVINE, MAINTENANCE YARD (Continued)

S100179247

Global Id: T0605900948
Status: Open - Case Begin Date
Status Date: 04/17/1989

LUST REG 8:

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001212T
Local Case Num: 89UT064
Case Type: Soil only
Substance: Unleaded Gasoline
Qty Leaked: 0
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Close Tank
Leak Cause: Unknown
Leak Source: Unknown
Global ID: T0605900948
How Stopped Date: 9/9/9999
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 4/17/1989
Enforcement Date: Not reported
Close Date: 2/21/1990
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported
Enter Date: Not reported
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.6734639
Longitude: -117.7623208
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE. Includes Unknown and Not Analyzed.
MTBE Class: *
Staff: PAH
Staff Initials: JK
Lead Agency: Local Agency
Local Agency: 30000L
Hydr Basin #: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CITY OF IRVINE, MAINTENANCE YARD (Continued)

S100179247

Beneficial: MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

NOTIFY 65:

Date Reported: Not reported
Staff Initials: Not reported
Board File Number: Not reported
Facility Type: Not reported
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

**C21
ESE
1/2-1
0.902 mi.
4763 ft.**

**ORANGE COUNTY INTERNATIONAL RACEWAY
15000 SAND CANYON AVENUE
IRVINE, CA 92714**

**ENVIROSTOR S101481488
N/A**

Site 2 of 2 in cluster C

**Relative:
Higher**

ENVIROSTOR:

**Actual:
198 ft.**

Facility ID: 30790003
Status: Refer: Other Agency
Status Date: 03/04/1992
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 37
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.69027
Longitude: -117.7455
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD983566076
Alias Type: EPA Identification Number
Alias Name: 30790003
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 10/25/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ORANGE COUNTY INTERNATIONAL RACEWAY (Continued)

S101481488

Comments: Database Validation Program confirms NFA for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/08/1991
Comments: The PA Report was reviewed by Region 4 staff. The International Raceway leased 114 acres from the Irvine Co. from 1966 to 1983. Since 1983, property has been regraded and developed into commercial/industrial businesses & a nursery. Although up to 75 vehicles per month were maintained on the site no heavy duty engine cleaning was necessary because the engines were always being torn down and rebuilt. Staff recommends NFA by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/24/1990
Comments: FACILITY IDENTIFIED IDENTIFIED VIA FIT PA REPORT

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

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
IRVINE	S109349400	ORANGE COUNTY COMPOSTING, LLC	1 MI. EAST/NORTHEAST OF IRVINE	92618	SWF/LF

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

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

Date of Government Version: 10/10/2017	Source: EPA
Date Data Arrived at EDR: 11/03/2017	Telephone: N/A
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 12/22/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 10/10/2017	Source: EPA
Date Data Arrived at EDR: 11/03/2017	Telephone: N/A
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 12/22/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 10/10/2017	Source: EPA
Date Data Arrived at EDR: 11/03/2017	Telephone: N/A
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 12/22/2017
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/16/2018
	Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 10/06/2017
Number of Days to Update: 92	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 07/11/2017	Source: EPA
Date Data Arrived at EDR: 07/21/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 12/22/2017
Number of Days to Update: 77	Next Scheduled EDR Contact: 01/29/2018
	Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 07/11/2017	Source: EPA
Date Data Arrived at EDR: 07/28/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 12/22/2017
Number of Days to Update: 70	Next Scheduled EDR Contact: 01/29/2018
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2017	Source: EPA
Date Data Arrived at EDR: 09/26/2017	Telephone: 800-424-9346
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 12/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 12/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 12/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 12/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 12/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 05/22/2017	Source: Department of the Navy
Date Data Arrived at EDR: 06/13/2017	Telephone: 843-820-7326
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 11/08/2017
Number of Days to Update: 94	Next Scheduled EDR Contact: 02/26/2018
	Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 08/10/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2017	Telephone: 703-603-0695
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 11/27/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/12/2018
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

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

Date of Government Version: 08/10/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/30/2017	Telephone: 703-603-0695
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 11/27/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/12/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 09/18/2017

Date Data Arrived at EDR: 09/21/2017

Date Made Active in Reports: 10/13/2017

Number of Days to Update: 22

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/21/2017

Next Scheduled EDR Contact: 01/08/2018

Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/30/2017

Date Data Arrived at EDR: 10/31/2017

Date Made Active in Reports: 12/15/2017

Number of Days to Update: 45

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/31/2017

Next Scheduled EDR Contact: 02/12/2018

Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 10/30/2017

Date Data Arrived at EDR: 10/31/2017

Date Made Active in Reports: 12/15/2017

Number of Days to Update: 45

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/31/2017

Next Scheduled EDR Contact: 02/12/2018

Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 11/13/2017

Date Data Arrived at EDR: 11/14/2017

Date Made Active in Reports: 12/07/2017

Number of Days to Update: 23

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 02/26/2018

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 2: Fuel Leak List

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

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report

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

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

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

LUST REG 8: Leaking Underground Storage Tanks

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

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

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 6L: Leaking Underground Storage Tank Case Listing

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

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

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

LUST REG 5: Leaking Underground Storage Tank Database

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

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

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

LUST REG 4: Underground Storage Tank Leak List

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 3: Leaking Underground Storage Tank Database

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

Date of Government Version: 05/19/2003	Source: California Regional Water Quality Control Board Central Coast Region (3)
Date Data Arrived at EDR: 05/19/2003	Telephone: 805-542-4786
Date Made Active in Reports: 06/02/2003	Last EDR Contact: 07/18/2011
Number of Days to Update: 14	Next Scheduled EDR Contact: 10/31/2011
	Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 02/26/2004	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

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

Date of Government Version: 09/11/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2017	Telephone: see region list
Date Made Active in Reports: 11/09/2017	Last EDR Contact: 12/12/2018
Number of Days to Update: 58	Next Scheduled EDR Contact: 03/26/2018
	Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation

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

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2017	Source: EPA Region 10
Date Data Arrived at EDR: 11/07/2017	Telephone: 206-553-2857
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 11/07/2017
Number of Days to Update: 31	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/27/2017	Telephone: 415-972-3372
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/01/2017	Source: EPA Region 8
Date Data Arrived at EDR: 07/27/2017	Telephone: 303-312-6271
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/24/2017	Source: EPA Region 6
Date Data Arrived at EDR: 07/27/2017	Telephone: 214-665-6597
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-8677
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Semi-Annually

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/14/2017	Source: EPA Region 1
Date Data Arrived at EDR: 07/27/2017	Telephone: 617-918-1313
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/26/2017	Source: EPA, Region 5
Date Data Arrived at EDR: 07/27/2017	Telephone: 312-886-7439
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/14/2017	Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017	Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

SLIC: Statewide SLIC Cases (GEOTRACKER)

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

Date of Government Version: 09/11/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2017	Telephone: 866-480-1028
Date Made Active in Reports: 11/09/2017	Last EDR Contact: 12/12/2018
Number of Days to Update: 58	Next Scheduled EDR Contact: 03/26/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

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

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

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

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

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

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

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

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

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

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

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

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

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

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

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

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

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

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

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

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

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

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

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

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

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

SLIC REG 7: SLIC List

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

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

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

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

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

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

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

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 57

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 12/26/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/26/2017	Source: EPA Region 5
Date Data Arrived at EDR: 07/27/2017	Telephone: 312-886-6136
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/24/2017	Source: EPA Region 6
Date Data Arrived at EDR: 07/27/2017	Telephone: 214-665-7591
Date Made Active in Reports: 12/08/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 134	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/02/2017	Source: EPA Region 7
Date Data Arrived at EDR: 07/27/2017	Telephone: 913-551-7003
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

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

Date of Government Version: 05/01/2017	Source: EPA Region 8
Date Data Arrived at EDR: 07/27/2017	Telephone: 303-312-6137
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/13/2017	Source: EPA Region 9
Date Data Arrived at EDR: 07/27/2017	Telephone: 415-972-3368
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/14/2016	Source: EPA Region 4
Date Data Arrived at EDR: 01/27/2017	Telephone: 404-562-9424
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 98	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Semi-Annually

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/14/2017	Source: EPA, Region 1
Date Data Arrived at EDR: 07/27/2017	Telephone: 617-918-1313
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 71	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

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

Date of Government Version: 04/25/2017	Source: EPA Region 10
Date Data Arrived at EDR: 07/27/2017	Telephone: 206-553-2857
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 78	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Program Properties

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

Date of Government Version: 10/30/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/31/2017	Telephone: 916-323-3400
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 10/31/2017
Number of Days to Update: 45	Next Scheduled EDR Contact: 02/12/2018
	Data Release Frequency: Quarterly

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 12/20/2017
Number of Days to Update: 142	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/21/2017
Date Data Arrived at EDR: 09/21/2017
Date Made Active in Reports: 11/09/2017
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/26/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 08/21/2017
Date Data Arrived at EDR: 09/20/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 9

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/30/2017
Date Data Arrived at EDR: 05/31/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 76

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 11/09/2017
Next Scheduled EDR Contact: 02/26/2018
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/20/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

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

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

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

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

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

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/03/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

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

Date of Government Version: 07/13/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 30

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

SCH: School Property Evaluation Program

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

Date of Government Version: 10/30/2017
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 45

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/31/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 06/30/2017
Date Data Arrived at EDR: 08/18/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 07/13/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 30

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 11/27/2017
Date Data Arrived at EDR: 11/29/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 19

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

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

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

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

CA FID UST: Facility Inventory Database

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

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

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

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/31/2017
Date Data Arrived at EDR: 09/05/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

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

Date of Government Version: 07/11/2017
Date Data Arrived at EDR: 07/26/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/05/2017	Source: DTSC and SWRCB
Date Data Arrived at EDR: 09/06/2017	Telephone: 916-323-3400
Date Made Active in Reports: 11/08/2017	Last EDR Contact: 12/05/2017
Number of Days to Update: 63	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/21/2017	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 09/21/2017	Telephone: 202-366-4555
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 09/21/2017
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/08/2018
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

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

Date of Government Version: 05/09/2017	Source: Office of Emergency Services
Date Data Arrived at EDR: 07/26/2017	Telephone: 916-845-8400
Date Made Active in Reports: 09/21/2017	Last EDR Contact: 10/27/2017
Number of Days to Update: 57	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

LDS: Land Disposal Sites Listing (GEOTRACKER)

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

Date of Government Version: 09/11/2017	Source: State Water Quality Control Board
Date Data Arrived at EDR: 09/12/2017	Telephone: 866-480-1028
Date Made Active in Reports: 11/09/2017	Last EDR Contact: 12/12/2018
Number of Days to Update: 58	Next Scheduled EDR Contact: 03/26/2018
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

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

Date of Government Version: 09/11/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2017	Telephone: 866-480-1028
Date Made Active in Reports: 11/09/2017	Last EDR Contact: 12/12/2018
Number of Days to Update: 58	Next Scheduled EDR Contact: 03/26/2018
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SPILLS 90: SPILLS90 data from FirstSearch

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

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

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

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

Date of Government Version: 09/13/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/26/2017	Telephone: (415) 495-8895
Date Made Active in Reports: 10/06/2017	Last EDR Contact: 12/26/2017
Number of Days to Update: 10	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 01/31/2015	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 11/22/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 03/05/2018
	Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/13/2017
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

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

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/11/2017
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/17/2017
Next Scheduled EDR Contact: 02/26/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

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

Date of Government Version: 10/17/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/26/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

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

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

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

Date of Government Version: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/09/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/27/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 09/27/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 8

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

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

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/22/2017
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/19/2018
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

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

Date of Government Version: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/13/2017
Number of Days to Update: 126	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 10/11/2017
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/16/2017
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/20/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/05/2017
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/08/2017
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 10/26/2017
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/05/2017	Telephone: 202-343-9775
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 10/05/2017
Number of Days to Update: 8	Next Scheduled EDR Contact: 01/15/2018
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/31/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2017
Date Data Arrived at EDR: 08/03/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 78

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/18/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/11/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/02/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/22/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/10/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 12/22/2017
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 07/31/2017
Date Data Arrived at EDR: 08/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 44

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/28/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/01/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 12/01/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

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

Date of Government Version: 09/25/2017
Date Data Arrived at EDR: 09/26/2017
Date Made Active in Reports: 10/20/2017
Number of Days to Update: 24

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 07/23/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 09/15/2017
Number of Days to Update: 9

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/05/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2016
Date Data Arrived at EDR: 06/02/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 133

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 02/13/2017
Date Data Arrived at EDR: 02/15/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 261

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/06/2017	Telephone: 202-564-2280
Date Made Active in Reports: 10/20/2017	Last EDR Contact: 12/05/2017
Number of Days to Update: 44	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/17/2017	Source: EPA
Date Data Arrived at EDR: 08/17/2017	Telephone: 800-385-6164
Date Made Active in Reports: 09/15/2017	Last EDR Contact: 11/20/2017
Number of Days to Update: 29	Next Scheduled EDR Contact: 03/05/2018
	Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/21/2017	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 09/21/2017	Telephone: 916-323-3400
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 12/26/2017
Number of Days to Update: 22	Next Scheduled EDR Contact: 04/09/2018
	Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/02/2017	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/08/2017	Telephone: 916-327-4498
Date Made Active in Reports: 10/16/2017	Last EDR Contact: 11/30/2017
Number of Days to Update: 69	Next Scheduled EDR Contact: 03/19/2018
	Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015	Source: California Air Resources Board
Date Data Arrived at EDR: 03/21/2017	Telephone: 916-322-2990
Date Made Active in Reports: 08/15/2017	Last EDR Contact: 12/22/2017
Number of Days to Update: 147	Next Scheduled EDR Contact: 04/02/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2017	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/03/2017	Telephone: 916-445-9379
Date Made Active in Reports: 12/07/2017	Last EDR Contact: 11/01/2017
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/23/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 10/24/2017	Telephone: 916-255-3628
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 10/23/2017
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/05/2018
	Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/14/2017	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 11/17/2017	Telephone: 916-341-6066
Date Made Active in Reports: 12/18/2017	Last EDR Contact: 11/09/2017
Number of Days to Update: 31	Next Scheduled EDR Contact: 02/26/2018
	Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2017	Telephone: 916-255-1136
Date Made Active in Reports: 10/17/2017	Last EDR Contact: 10/10/2017
Number of Days to Update: 97	Next Scheduled EDR Contact: 01/22/2018
	Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/20/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/20/2017	Telephone: 877-786-9427
Date Made Active in Reports: 12/27/2017	Last EDR Contact: 11/20/2017
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/05/2018
	Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/20/2017

Date Data Arrived at EDR: 11/20/2017

Date Made Active in Reports: 12/27/2017

Number of Days to Update: 37

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 11/20/2017

Next Scheduled EDR Contact: 03/05/2018

Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/10/2017

Date Data Arrived at EDR: 10/10/2017

Date Made Active in Reports: 10/17/2017

Number of Days to Update: 7

Source: Department of Toxic Substances Control

Telephone: 916-440-7145

Last EDR Contact: 10/10/2017

Next Scheduled EDR Contact: 01/22/2018

Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/11/2017

Date Data Arrived at EDR: 09/12/2017

Date Made Active in Reports: 11/01/2017

Number of Days to Update: 50

Source: Department of Conservation

Telephone: 916-322-1080

Last EDR Contact: 12/12/2017

Next Scheduled EDR Contact: 03/26/2018

Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 09/01/2017

Date Data Arrived at EDR: 09/06/2017

Date Made Active in Reports: 11/08/2017

Number of Days to Update: 63

Source: Department of Public Health

Telephone: 916-558-1784

Last EDR Contact: 12/05/2017

Next Scheduled EDR Contact: 03/19/2018

Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/13/2017

Date Data Arrived at EDR: 11/14/2017

Date Made Active in Reports: 12/07/2017

Number of Days to Update: 23

Source: State Water Resources Control Board

Telephone: 916-445-9379

Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 02/26/2018

Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/05/2017

Date Data Arrived at EDR: 09/06/2017

Date Made Active in Reports: 11/08/2017

Number of Days to Update: 63

Source: Department of Pesticide Regulation

Telephone: 916-445-4038

Last EDR Contact: 12/05/2017

Next Scheduled EDR Contact: 03/19/2018

Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 10/18/2017
Number of Days to Update: 36

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 06/16/2017
Date Data Arrived at EDR: 06/20/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 119

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/12/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 94

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/12/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/13/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 09/22/2017
Date Data Arrived at EDR: 09/22/2017
Date Made Active in Reports: 10/10/2017
Number of Days to Update: 18

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 09/21/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/11/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 12/08/2017
Date Data Arrived at EDR: 12/12/2017
Date Made Active in Reports: 12/27/2017
Number of Days to Update: 15

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 09/18/2017
Next Scheduled EDR Contact: 10/23/2017
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 08/31/2017
Date Data Arrived at EDR: 09/05/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 64

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/20/2017
Next Scheduled EDR Contact: 10/09/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List Cupa facility list.

Date of Government Version: 08/07/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/17/2017
Date Data Arrived at EDR: 08/22/2017
Date Made Active in Reports: 10/25/2017
Number of Days to Update: 64

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List Cupa Facility list

Date of Government Version: 10/31/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 11/14/2017
Number of Days to Update: 13

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/25/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List CUPA facility list.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/04/2017
Date Data Arrived at EDR: 12/06/2017
Date Made Active in Reports: 12/27/2017
Number of Days to Update: 21

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 10/30/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 40

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 09/27/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 10/25/2017
Date Data Arrived at EDR: 10/27/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 19

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 08/03/2017
Date Data Arrived at EDR: 08/08/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 69

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 10/23/2017
Date Data Arrived at EDR: 10/24/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 22

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa facility list.

Date of Government Version: 06/08/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 08/04/2017
Number of Days to Update: 56

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/20/2017
Number of Days to Update: 43

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 11/14/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/09/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 5

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 07/24/2017
Date Data Arrived at EDR: 07/26/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 82

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/11/2017
Date Data Arrived at EDR: 10/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 5

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/10/2017
Next Scheduled EDR Contact: 01/22/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/16/2017
Date Data Arrived at EDR: 10/17/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 51

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/17/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 10/09/2017
Number of Days to Update: 171

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/14/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 31

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/11/2017

Date Data Arrived at EDR: 07/14/2017

Date Made Active in Reports: 09/21/2017

Number of Days to Update: 69

Source: City of Torrance Fire Department

Telephone: 310-618-2973

Last EDR Contact: 10/10/2017

Next Scheduled EDR Contact: 01/22/2018

Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 10/26/2017

Date Data Arrived at EDR: 10/27/2017

Date Made Active in Reports: 11/06/2017

Number of Days to Update: 10

Source: Madera County Environmental Health

Telephone: 559-675-7823

Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018

Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 09/28/2017

Date Data Arrived at EDR: 10/05/2017

Date Made Active in Reports: 11/08/2017

Number of Days to Update: 34

Source: Public Works Department Waste Management

Telephone: 415-473-6647

Last EDR Contact: 09/27/2017

Next Scheduled EDR Contact: 01/15/2018

Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 10/02/2017

Date Data Arrived at EDR: 10/03/2017

Date Made Active in Reports: 10/17/2017

Number of Days to Update: 14

Source: Merced County Environmental Health

Telephone: 209-381-1094

Last EDR Contact: 11/30/2017

Next Scheduled EDR Contact: 03/05/2018

Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 11/21/2017

Date Data Arrived at EDR: 11/27/2017

Date Made Active in Reports: 12/27/2017

Number of Days to Update: 30

Source: Mono County Health Department

Telephone: 760-932-5580

Last EDR Contact: 11/21/2017

Next Scheduled EDR Contact: 03/12/2018

Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 09/11/2017
Date Data Arrived at EDR: 09/15/2017
Date Made Active in Reports: 11/28/2017
Number of Days to Update: 74

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 11/20/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 11/22/2017
Date Data Arrived at EDR: 11/27/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/21/2017
Next Scheduled EDR Contact: 03/12/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 11/15/2017
Number of Days to Update: 8

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/25/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/09/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 28

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/09/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 36

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/02/2017

Date Data Arrived at EDR: 11/07/2017

Date Made Active in Reports: 12/19/2017

Number of Days to Update: 42

Source: Health Care Agency

Telephone: 714-834-3446

Last EDR Contact: 11/07/2017

Next Scheduled EDR Contact: 02/19/2018

Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/05/2017

Date Data Arrived at EDR: 09/06/2017

Date Made Active in Reports: 11/08/2017

Number of Days to Update: 63

Source: Placer County Health and Human Services

Telephone: 530-745-2363

Last EDR Contact: 11/30/2017

Next Scheduled EDR Contact: 03/19/2018

Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 10/23/2017

Date Data Arrived at EDR: 11/03/2017

Date Made Active in Reports: 11/15/2017

Number of Days to Update: 12

Source: Plumas County Environmental Health

Telephone: 530-283-6355

Last EDR Contact: 11/01/2017

Next Scheduled EDR Contact: 02/05/2018

Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/11/2017

Date Data Arrived at EDR: 10/12/2017

Date Made Active in Reports: 11/09/2017

Number of Days to Update: 28

Source: Department of Environmental Health

Telephone: 951-358-5055

Last EDR Contact: 12/15/2017

Next Scheduled EDR Contact: 04/02/2018

Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/12/2017

Date Data Arrived at EDR: 10/12/2017

Date Made Active in Reports: 11/08/2017

Number of Days to Update: 27

Source: Department of Environmental Health

Telephone: 951-358-5055

Last EDR Contact: 12/15/2017

Next Scheduled EDR Contact: 04/02/2018

Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/02/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 10/06/2017
Number of Days to Update: 3

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/03/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/02/2017
Date Data Arrived at EDR: 10/03/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 44

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/03/2017
Next Scheduled EDR Contact: 01/15/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 11/17/2017
Number of Days to Update: 14

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 08/31/2017
Date Data Arrived at EDR: 09/19/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 58

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/06/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/05/2017
Date Data Arrived at EDR: 09/06/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 63

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/05/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/29/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/07/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 10/10/2017
Number of Days to Update: 4

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/13/2017
Next Scheduled EDR Contact: 04/02/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 09/15/2017

Date Data Arrived at EDR: 09/19/2017

Date Made Active in Reports: 10/17/2017

Number of Days to Update: 28

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921

Last EDR Contact: 12/06/2017

Next Scheduled EDR Contact: 03/26/2018

Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/15/2017

Date Data Arrived at EDR: 09/19/2017

Date Made Active in Reports: 11/09/2017

Number of Days to Update: 51

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921

Last EDR Contact: 12/06/2017

Next Scheduled EDR Contact: 03/26/2018

Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011

Date Data Arrived at EDR: 09/09/2011

Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167

Last EDR Contact: 12/13/2017

Next Scheduled EDR Contact: 03/05/2018

Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List

Cupa facility list

Date of Government Version: 08/07/2017

Date Data Arrived at EDR: 08/10/2017

Date Made Active in Reports: 10/16/2017

Number of Days to Update: 67

Source: Department of Environmental Health

Telephone: 408-918-1973

Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 03/05/2018

Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005

Date Data Arrived at EDR: 03/30/2005

Date Made Active in Reports: 04/21/2005

Number of Days to Update: 22

Source: Santa Clara Valley Water District

Telephone: 408-265-2600

Last EDR Contact: 03/23/2009

Next Scheduled EDR Contact: 06/22/2009

Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014

Date Data Arrived at EDR: 03/05/2014

Date Made Active in Reports: 03/18/2014

Number of Days to Update: 13

Source: Department of Environmental Health

Telephone: 408-918-3417

Last EDR Contact: 11/21/2017

Next Scheduled EDR Contact: 03/12/2018

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/03/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 34

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/26/2017
Date Data Arrived at EDR: 09/27/2017
Date Made Active in Reports: 11/10/2017
Number of Days to Update: 44

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/08/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/26/2017
Date Data Arrived at EDR: 09/27/2017
Date Made Active in Reports: 11/08/2017
Number of Days to Update: 42

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/08/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/25/2017
Date Data Arrived at EDR: 09/27/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 50

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/03/2017
Date Data Arrived at EDR: 10/06/2017
Date Made Active in Reports: 11/10/2017
Number of Days to Update: 35

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/19/2017
Next Scheduled EDR Contact: 04/09/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/01/2017
Date Data Arrived at EDR: 11/10/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 6

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/01/2017
Date Data Arrived at EDR: 12/04/2017
Date Made Active in Reports: 12/19/2017
Number of Days to Update: 15

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 12/01/2017
Next Scheduled EDR Contact: 03/19/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List

Cupa facilities

Date of Government Version: 11/16/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/18/2017
Number of Days to Update: 31

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/14/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 10/23/2017
Date Data Arrived at EDR: 10/24/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 23

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

TULARE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA Facility List

Cupa program facilities

Date of Government Version: 09/27/2017
Date Data Arrived at EDR: 09/28/2017
Date Made Active in Reports: 10/16/2017
Number of Days to Update: 18

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 12/18/2017
Next Scheduled EDR Contact: 02/19/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 10/24/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 11/16/2017
Number of Days to Update: 22

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 43

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/26/2017
Next Scheduled EDR Contact: 04/16/2018
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/08/2017
Next Scheduled EDR Contact: 02/26/2018
Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2017
Date Data Arrived at EDR: 10/25/2017
Date Made Active in Reports: 12/07/2017
Number of Days to Update: 43

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 10/23/2017
Next Scheduled EDR Contact: 02/05/2018
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/28/2017

Date Data Arrived at EDR: 09/12/2017

Date Made Active in Reports: 09/21/2017

Number of Days to Update: 9

Source: Environmental Health Division

Telephone: 805-654-2813

Last EDR Contact: 12/11/2017

Next Scheduled EDR Contact: 03/26/2018

Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 09/27/2017

Date Data Arrived at EDR: 10/02/2017

Date Made Active in Reports: 11/14/2017

Number of Days to Update: 43

Source: Yolo County Department of Health

Telephone: 530-666-8646

Last EDR Contact: 09/27/2017

Next Scheduled EDR Contact: 01/15/2018

Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 11/08/2017

Date Data Arrived at EDR: 11/10/2017

Date Made Active in Reports: 11/16/2017

Number of Days to Update: 6

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523

Last EDR Contact: 10/25/2017

Next Scheduled EDR Contact: 02/12/2018

Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/11/2017

Date Data Arrived at EDR: 11/14/2017

Date Made Active in Reports: 12/18/2017

Number of Days to Update: 34

Source: Department of Energy & Environmental Protection

Telephone: 860-424-3375

Last EDR Contact: 11/14/2017

Next Scheduled EDR Contact: 02/26/2018

Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016

Date Data Arrived at EDR: 04/11/2017

Date Made Active in Reports: 07/27/2017

Number of Days to Update: 107

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 10/05/2017

Next Scheduled EDR Contact: 01/22/2018

Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/01/2017
Date Data Arrived at EDR: 11/01/2017
Date Made Active in Reports: 11/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/01/2017
Next Scheduled EDR Contact: 02/12/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/16/2017
Next Scheduled EDR Contact: 01/29/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/16/2017
Next Scheduled EDR Contact: 03/05/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 07/14/2017
Number of Days to Update: 92

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/11/2017
Next Scheduled EDR Contact: 03/26/2018
Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

JEFFREY ROAD/IRVINE CENTER DRIVE IMPROVEMENTS
NA
IRVINE, CA 92618

TARGET PROPERTY COORDINATES

Latitude (North):	33.679576 - 33° 40' 46.47"
Longitude (West):	117.778766 - 117° 46' 43.56"
Universal Transverse Mercator:	Zone 11
UTM X (Meters):	427811.3
UTM Y (Meters):	3726707.5
Elevation:	126 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640942 TUSTIN, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

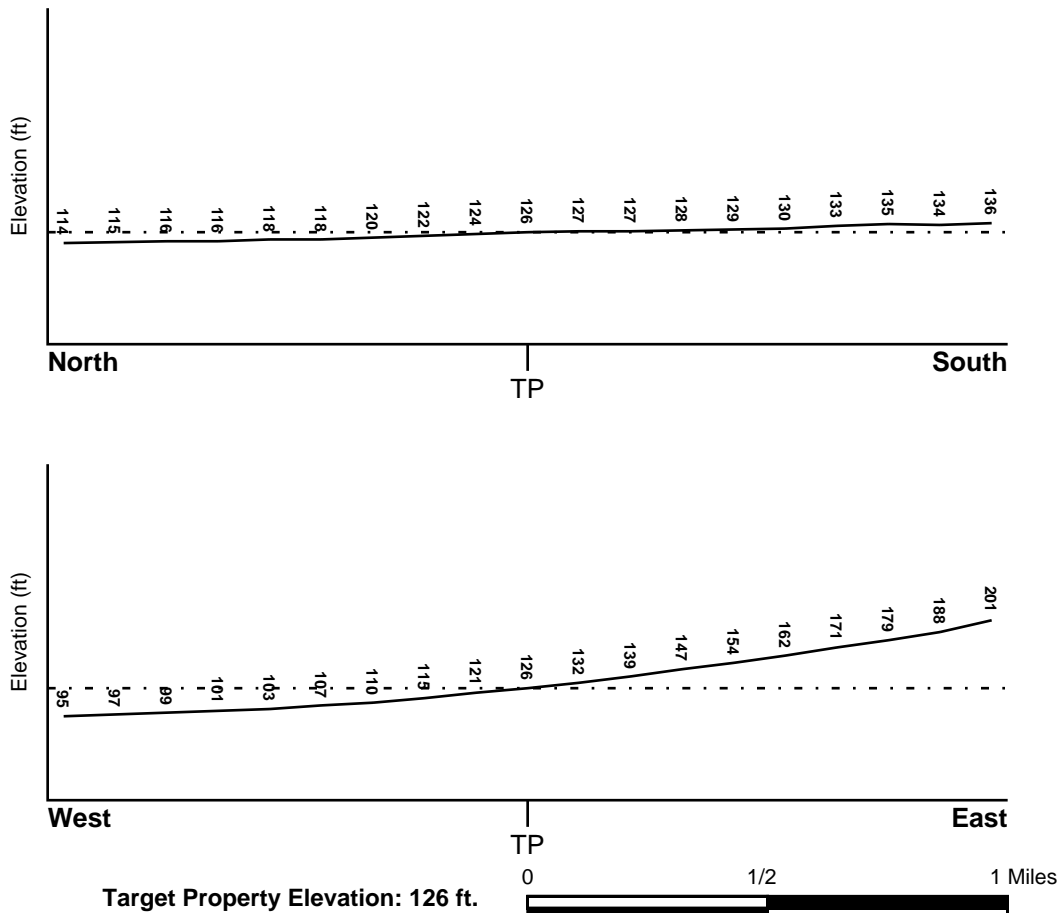
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06059C0292J	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06059C0283J	FEMA FIRM Flood data
06059C0284J	FEMA FIRM Flood data
06059C0291J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
TUSTIN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data:*

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
9	1/2 - 1 Mile WSW	NW
14	1/2 - 1 Mile WSW	NW
1G	1/2 - 1 Mile WSW	NW
2G	1/2 - 1 Mile WSW	NW

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

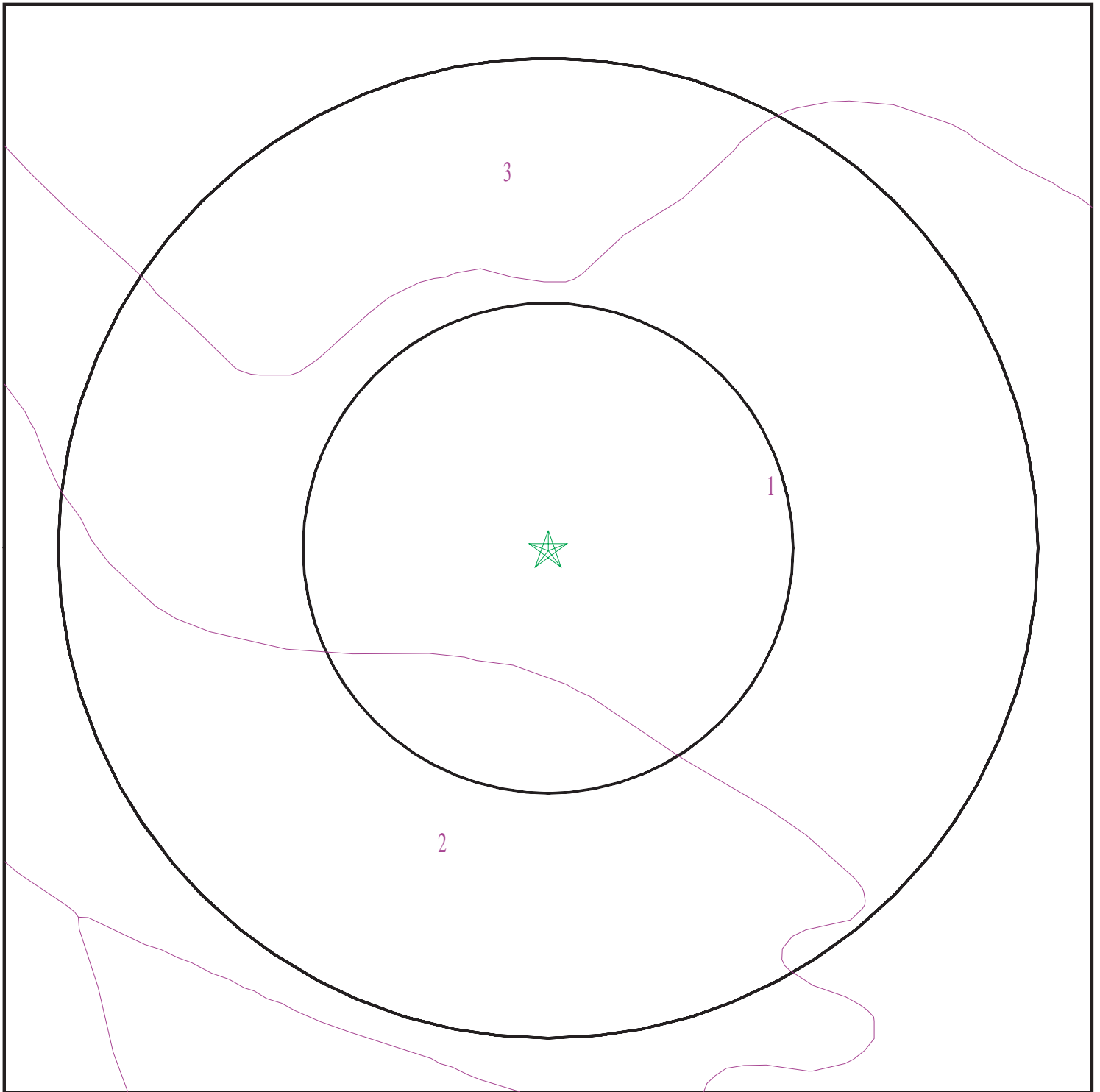
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 5146884.2s



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: Jeffrey Road/Irvine Center Drive Improvements
ADDRESS: NA
Irvine CA 92618
LAT/LONG: 33.679576 / 117.778766

CLIENT: Michael Baker International
CONTACT: Kristen Bogue
INQUIRY #: 5146884.2s
DATE: December 28, 2017 3:23 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: SAN EMIGDIO

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.9
2	7 inches	61 inches	stratified gravelly loamy coarse sand to very fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.9

Soil Map ID: 2

Soil Component Name: SORRENTO

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 6.1
2	11 inches	61 inches	silty clay loam	Not reported	Not reported	Max: 14.11 Min: 1	Max: 8.4 Min: 7.9
3	61 inches	72 inches	stratified loamy fine sand to silt loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.9

Soil Map ID: 3

Soil Component Name: SORRENTO

Soil Surface Texture: clay loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	11 inches	clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 6.1

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
2	11 inches	61 inches	silty clay loam	Not reported	Not reported	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9
3	61 inches	72 inches	stratified loamy fine sand to silt loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.9

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	USGS40000136610	1/4 - 1/2 Mile SE
B4	USGS40000136714	1/4 - 1/2 Mile NW
D12	USGS40000136730	1/2 - 1 Mile ENE
E15	USGS40000136776	1/2 - 1 Mile NE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

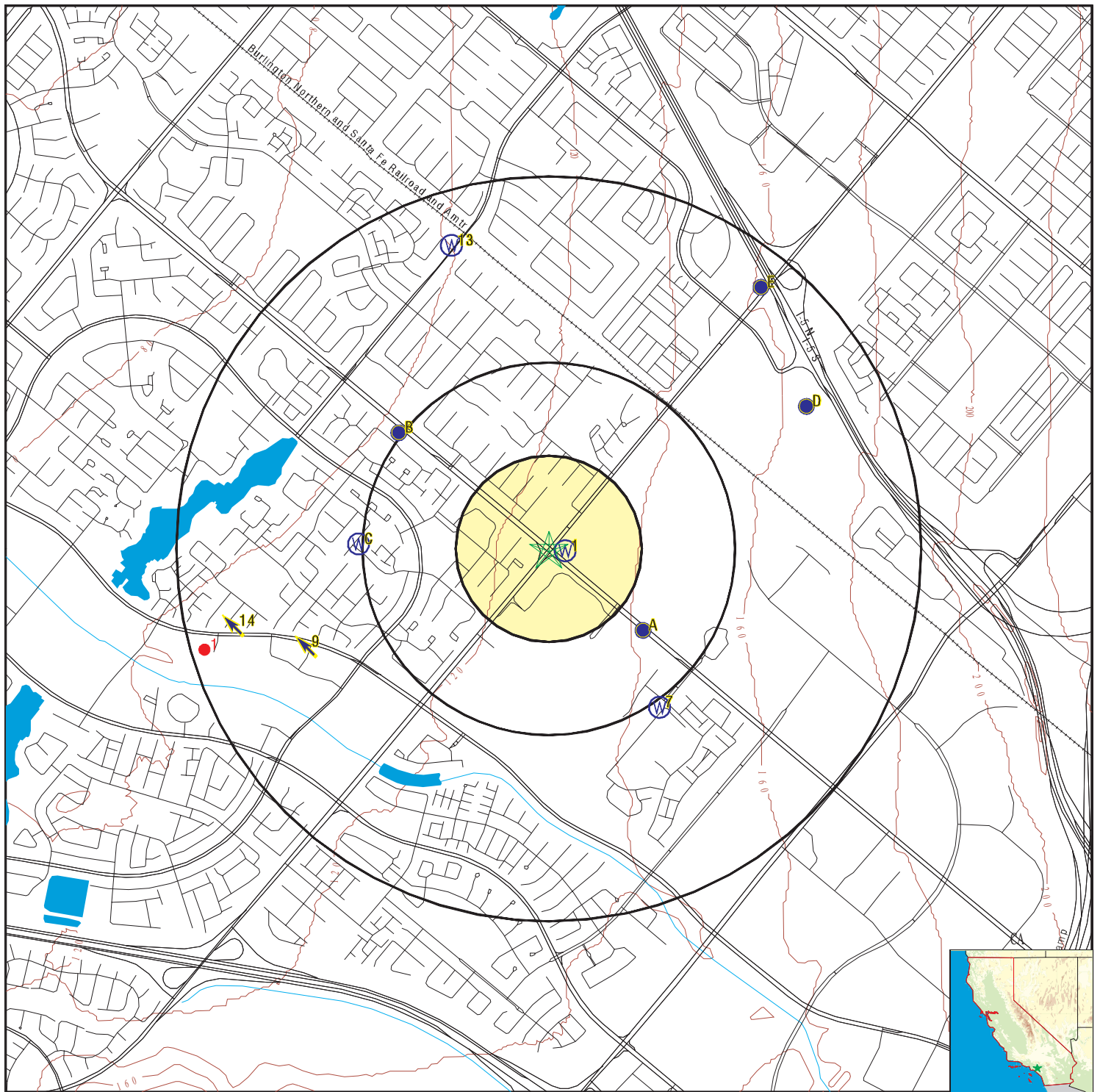
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CADW60000032416	0 - 1/8 Mile East
A2	CADW60000018057	1/4 - 1/2 Mile SE
C5	CADW60000003016	1/2 - 1 Mile West
C6	CADW60000003017	1/2 - 1 Mile West
7	CADW60000018058	1/2 - 1 Mile SE
B8	CADW60000032417	1/2 - 1 Mile NW
D10	CADW60000015527	1/2 - 1 Mile ENE
D11	CADW60000018056	1/2 - 1 Mile ENE
13	CADW60000022957	1/2 - 1 Mile NNW
E16	CADW60000022959	1/2 - 1 Mile NE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG11000217994	1/2 - 1 Mile WSW

PHYSICAL SETTING SOURCE MAP - 5146884.2s



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

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

0 1/4 1/2 1 Miles



SITE NAME: Jeffrey Road/Irvine Center Drive Improvements
 ADDRESS: NA
 Irvine CA 92618
 LAT/LONG: 33.679576 / 117.778766

CLIENT: Michael Baker International
 CONTACT: Kristen Bogue
 INQUIRY #: 5146884.2s
 DATE: December 28, 2017 3:23 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
East
0 - 1/8 Mile
Higher

CA WELLS CADW60000032416

Objectid: 32416
Latitude: 33.6795
Longitude: -117.778
Site code: 336795N1177780W001
State well numbe: 06S09W01M002S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000032416

A2
SE
1/4 - 1/2 Mile
Higher

CA WELLS CADW60000018057

Objectid: 18057
Latitude: 33.6764
Longitude: -117.7748
Site code: 336764N1177748W001
State well numbe: 06S09W01L001S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000018057

A3
SE
1/4 - 1/2 Mile
Higher

FED USGS USGS40000136610

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334035117462301		
Monloc name:	006S009W01L001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070204	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6764095
Longitude:	-117.7739427	Sourcemap scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure: 1	Horiz Acc measure units: seconds
Horiz Collection method: Interpolated from map	
Horiz coord refs: NAD83	Vert measure val: 142.00
Vert measure units: feet	Vertacc measure val: 5
Vert accmeasure units: feet	
Vertcollection method: Interpolated from topographic map	
Vert coord refs: NGVD29	Countrycode: US
Aquifername: California Coastal Basin aquifers	
Formation type: Not Reported	
Aquifer type: Not Reported	
Construction date: 19280110	Welldepth: 1503
Welldepth units: ft	Wellholedepth: 1503
Wellholedepth units: ft	

Ground-water levels, Number of Measurements: 27

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1986-08-15	67.30		1986-04-30	37.53	
1986-02-12	42.79		1985-11-05	64.75	
1985-08-06	64.17		1985-05-06	53.73	
1985-02-11	37.04		1984-08-09	58.32	
1984-05-23	78.16				
Note: The site had been pumped recently.					
1984-02-06	40.70		1983-05-11	33.29	
1983-02-10	37.27		1982-08-09	69.22	
1982-01-28	36.54		1981-11-05	55.40	
1981-07-28	63.50		1981-05-05	46.22	
1981-02-04	42.50		1980-11-04	56.12	
1980-06-10	65.91		1980-02-12	52.38	
1979-11-16	55.42		1971-01-04	97.16	
1970-10-26	113.60		1962-11-01	156.00	
1952-07-24	221.00				
Note: The site was being pumped.					
1928-01-10	58.00				

B4
NW
1/4 - 1/2 Mile
Lower

FED USGS USGS40000136714

Org. Identifier: USGS-CA	
Formal name: USGS California Water Science Center	
Monloc Identifier: USGS-334102117470501	
Monloc name: 006S009W02A004S	
Monloc type: Well	
Monloc desc: Not Reported	
Huc code: 18070204	Drainagearea value: Not Reported
Drainagearea Units: Not Reported	Contrib drainagearea: Not Reported
Contrib drainagearea units: Not Reported	Latitude: 33.6839092
Longitude: -117.7856096	Sourcemap scale: Not Reported
Horiz Acc measure: Unknown	Horiz Acc measure units: Unknown
Horiz Collection method: Interpolated from map	
Horiz coord refs: NAD83	Vert measure val: Not Reported
Vert measure units: Not Reported	Vertacc measure val: Not Reported
Vert accmeasure units: Not Reported	
Vertcollection method: Not Reported	
Vert coord refs: Not Reported	Countrycode: US
Aquifername: California Coastal Basin aquifers	
Formation type: Not Reported	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	Not Reported		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

C5
West
1/2 - 1 Mile
Lower

CA WELLS **CADW60000003016**

Objectid:	3016
Latitude:	33.679766
Longitude:	-117.78763
Site code:	336798N1177876W001
State well numbe:	06S09W02G001S
Local well name:	'MCAS-7/MP1'
Well use id:	1
Well use descrip:	Observation
County id:	30
County name:	Orange
Basin code:	'8-1'
Basin desc:	Coastal Plain Of Orange County
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000003016

C6
West
1/2 - 1 Mile
Lower

CA WELLS **CADW60000003017**

Objectid:	3017
Latitude:	33.679766
Longitude:	-117.78763
Site code:	336798N1177876W002
State well numbe:	Not Reported
Local well name:	'MCAS-7/MP4'
Well use id:	1
Well use descrip:	Observation
County id:	30
County name:	Orange
Basin code:	'8-1'
Basin desc:	Coastal Plain Of Orange County
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000003017

7
SE
1/2 - 1 Mile
Higher

CA WELLS **CADW60000018058**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Objectid: 18058
Latitude: 33.6734
Longitude: -117.7736
Site code: 336734N1177736W001
State well numbe: 06S09W01P002S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000018058

**B8
NW
1/2 - 1 Mile
Lower**

CA WELLS CADW60000032417

Objectid: 32417
Latitude: 33.6843
Longitude: -117.7859
Site code: 336843N1177859W001
State well numbe: 06S09W02A004S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000032417

**9
WSW
1/2 - 1 Mile
Lower**

Site ID: 083000272T
Groundwater Flow: NW
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 20.29
Date: 01/26/1999

AQUIFLOW 54830

**D10
ENE
1/2 - 1 Mile
Higher**

CA WELLS CADW60000015527

Objectid: 15527
Latitude: 33.6848
Longitude: -117.767
Site code: 336848N1177670W001
State well numbe: 06S09W01B001S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000015527

**D11
ENE
1/2 - 1 Mile
Higher**

CA WELLS CADW60000018056

Objectid: 18056
Latitude: 33.6853
Longitude: -117.7671
Site code: 336853N1177671W001
State well numbe: 06S09W01A001S
Local well name: "
Well use id: 6
Well use descrip: Unknown
County id: 30
County name: Orange
Basin code: '8-1'
Basin desc: Coastal Plain Of Orange County
Dwr region id: 80238
Dwr region: Southern Region Office
Site id: CADW60000018056

**D12
ENE
1/2 - 1 Mile
Higher**

FED USGS USGS40000136730

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-334107117455501		
Monloc name:	006S009W01A001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070204	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.6852982
Longitude:	-117.7661646	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	168.
Vert measure units:	feet	Vertacc measure val:	5
Vert accmeasure units:	feet		
Vertcollection method:	Interpolated from topographic map		
Vert coord refsys:	NGVD29	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	19830909	Welldepth:	1050
Welldepth units:	ft	Wellholedepth:	1050
Wellholedepth units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1986-08-21	72.60		1986-04-30	42.89	
1986-03-04	43.50		1985-11-07	59.90	

13
NNW
1/2 - 1 Mile
Lower

CA WELLS CADW60000022957

Objectid: 22957
 Latitude: 33.6914
 Longitude: -117.7833
 Site code: 336914N1177833W001
 State well numbe: 05S09W35J001S
 Local well name: "
 Well use id: 6
 Well use descrip: Unknown
 County id: 30
 County name: Orange
 Basin code: '8-1'
 Basin desc: Coastal Plain Of Orange County
 Dwr region id: 80238
 Dwr region: Southern Region Office
 Site id: CADW60000022957

14
WSW
1/2 - 1 Mile
Lower

Site ID: 083000272T
 Groundwater Flow: NW
 Shallow Water Depth: Not Reported
 Deep Water Depth: Not Reported
 Average Water Depth: 20.29
 Date: 01/26/1999

AQUIFLOW 54829

E15
NE
1/2 - 1 Mile
Higher

FED USGS USGS40000136776

Org. Identifier: USGS-CA	
Formal name: USGS California Water Science Center	
Monloc Identifier: USGS-334123117460501	
Monloc name: 005S009W36Q001S	
Monloc type: Well	
Monloc desc: Not Reported	
Huc code: 18070204	Drainagearea value: Not Reported
Drainagearea Units: Not Reported	Contrib drainagearea: Not Reported
Contrib drainagearea units: Not Reported	Latitude: 33.6897424
Longitude: -117.7689424	Sourcemap scale: Not Reported
Horiz Acc measure: Unknown	Horiz Acc measure units: Unknown
Horiz Collection method: Interpolated from map	
Horiz coord refsys: NAD83	Vert measure val: Not Reported
Vert measure units: Not Reported	Vertacc measure val: Not Reported
Vert accmeasure units: Not Reported	
Vertcollection method: Not Reported	
Vert coord refsys: Not Reported	Countrycode: US
Aquifername: California Coastal Basin aquifers	
Formation type: Not Reported	

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type:	Not Reported	Welldepth:	Not Reported
Construction date:	Not Reported	Wellholeddepth:	Not Reported
Welldepth units:	Not Reported		
Wellholeddepth units:	Not Reported		

Ground-water levels, Number of Measurements: 0

**E16
NE
1/2 - 1 Mile
Higher**

CA WELLS CADW60000022959

Objectid:	22959
Latitude:	33.6898
Longitude:	-117.7688
Site code:	336898N1177688W001
State well numbe:	05S09W36Q001S
Local well name:	"
Well use id:	6
Well use descrip:	Unknown
County id:	30
County name:	Orange
Basin code:	'8-1'
Basin desc:	Coastal Plain Of Orange County
Dwr region id:	80238
Dwr region:	Southern Region Office
Site id:	CADW60000022959

**1G
WSW
1/2 - 1 Mile
Lower**

Site ID:	083000272T
Groundwater Flow:	NW
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	20.29
Date:	01/26/1999

AQUIFLOW 54829

**2G
WSW
1/2 - 1 Mile
Lower**

Site ID:	083000272T
Groundwater Flow:	NW
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	20.29
Date:	01/26/1999

AQUIFLOW 54830

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1

WSW

1/2 - 1 Mile

OIL_GAS

CAOG11000217994

District nun:	1	Api number:	05901216
Blm well:	N	Redrill can:	Not Reported
Dryhole:	Y	Well status:	P
Operator name:	Shell Western Exploration & Production Inc.		
County name:	Orange	Fieldname:	Any Field
Area name:	Any Area	Section:	2
Township:	06S	Range:	09W
Base meridian:	SB	Elevation:	Not Reported
Gissourcec:	hud		
Comments:	Not Reported		
Leasename:	Irvine Plain Core Hole	Wellnumber:	8
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0		
Redrillfoo:	0		
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000217994		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92618	24	0

Federal EPA Radon Zone for ORANGE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ORANGE COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.763 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Department of Toxic Substances Control



Matthew Rodriguez
Secretary for
Environmental Protection

Barbara A. Lee, Director
9211 Oakdale Avenue
Chatsworth, California 91311



Edmund G. Brown Jr
Governor

RECEIVED
JAN 24 2018

January 22, 2018

Ms. Danielle Regimbal
Michael Baker International
5 Hutton Centre Drive, Suite 500
Santa Ana, CA 92707

VARIOUS SITES
PR3-011818-01

Dear Ms. Regimbal:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control. After a thorough review of our files we have found that no such records exist at this office pertaining to the sites/facilities referenced below.

- 15475 Jeffrey Road, Irvine, CA
- 5500 Irvine Center Drive, Irvine, CA
- 15415 Jeffrey Road, Irvine, CA
- 15332 Montpelier Avenue, Irvine, CA
- 15435 Jeffrey Road, Irvine, CA
- 10 Cresthaven, Irvine, CA

We would like to inform you about EnviroStor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: <http://www.envirostor.dtsc.ca.gov/public>. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor.

If you have any questions or would like further information regarding your request, please contact me at (818) 717-6521.

Sincerely,

Robert Hardison

Robert Hardison /JVT
Regional Records Coordinator

From: WB-RB8-FileReview8
To: [Regimbal, Danielle](#)
Subject: EXTERNAL: RE: Public Records Request
Date: Thursday, January 18, 2018 2:01:41 PM

Good afternoon,

After careful review of our records, we show we have no files for the following sites:

15475 Jeffrey Road

5500 Irvine Center Drive

15332 Montpelier Avenue

15435 Jeffrey Road

10 Cresthaven

We show records available for review for the following sites:

15415 Jeffrey Road

Please contact us if you would like to schedule an appointment to review files M-F 8:30-4:30.

Paloma

File Review Desk

From: Regimbal, Danielle [mailto:Danielle.Regimbal@mbakerintl.com]
Sent: Wednesday, January 17, 2018 3:47 PM
To: WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
Subject: Public Records Request

Dear Staff,

Please see the attached Public Records Request. Let me know if you have any questions or concerns.

Thank you,

Danielle Regimbal | Environmental Specialist | Michael Baker International
5 Hutton Centre Drive, Suite 500 | Santa Ana, CA 92707 | [O] 949-330-4240
danielle.regimbal@mbakerintl.com | www.mbakintl.com

|



California Regional Water Quality Control Board

Santa Ana Region



Terry Tamminen
Secretary for
Environmental
Protection

Internet Address: <http://www.swrcb.ca.gov/rwqcb8>
3737 Main Street, Suite 500, Riverside, California 92501-3348
Phone (951) 782-4130 - FAX (951) 781-6288

Arnold Schwarzenegger
Governor

September 27, 2004

Mr. Joe Goveia
301 Marine LLC
250 Brooks Street
Laguna Beach, CA 92651

NO FURTHER ACTION – IRVINE VILLAGE CENTER, BLDG B (DRIVE-THRU CLEANERS), 15415 JEFFREY ROAD, SUITE B-100, IRVINE, ORANGE COUNTY

Dear Mr. Goveia:

We have reviewed your letters titled "Request for Closure/Oversight Review" for the above-named site, dated April 19, 2004 and June 15, 2004, which were submitted by Kahl Environmental Services (KES) on your behalf. In addition, we have reviewed the accompanying Phase II Investigation report titled "Soil and Groundwater Sampling Results" for the above site, dated July 18, 2003, which was also submitted by KEH on your behalf. The above property contains a retail strip mall consisting of three buildings and a parking lot. The easternmost suite of Building B (Suite 100) contains an operating dry cleaning facility and was the focus of the investigation. This investigation was conducted to evaluate the potential for subsurface impacts from the dry cleaning solvent tetrachloroethylene (PCE), and other volatile organic compounds (VOCs).

The investigation consisted of three (3) soil borings to depths of 15 to 30 feet below ground surface (bgs). Perched groundwater was detected at approximately 23.5 feet bgs. The three sampling locations consisted of SS-1, located inside the facility, adjacent to the dry cleaning machine; SS-2 and SS-3, located just outside of Building B to the east and west, respectively. Soil samples from SS-1 were collected at intervals of 5, 10 and 15 feet bgs. Soil samples from SS-2 were collected from intervals of 5, 10, 15 and 20 feet bgs. Soil samples from SS-3 were collected from intervals of 5, 10 and 20 feet bgs. A groundwater sample was collected each from SS-2 and SS-3. The ten soil samples and two groundwater samples were analyzed in the laboratory for VOCs using EPA Method 8021.

No VOCs were detected in any of the soil samples from the three borings at concentrations above the detection limit of 50 parts per billion (ppb). Only PCE was detected in the two groundwater samples, both at a concentration of 8.0 ppb. No other VOCs were detected in the groundwater beneath the site.

California Environmental Protection Agency



Recycled Paper

September 27, 2004

No VOCs were detected in the soil at this site above 50 ppb, so there does not appear to be a VOC source in the soil, or a threat of additional migration of contaminants to the groundwater. The mass and concentrations of VOCs that remain in the soil and shallow groundwater at the site do not appear to represent a significant threat to the beneficial uses of groundwater in the Irvine Pressure Groundwater Basin. Therefore, no further soil or groundwater investigation or remediation is necessary. On the condition that the information that you have provided is accurate and representative of existing conditions at the site, no further action is required.

If you have any questions, please call Dennis Merklin at (951) 782-4434, or you may call Robert Holub, Division Chief, at (951) 782-3298.

Sincerely,



Gerard J. Thibeault
Executive Officer

cc: Brian M. Kahl – Kahl Environmental Services, San Diego
Luis Lodrigueza – Orange County Health Care Agency

WDM/irvinvillagecenternfa0904f





KAHL
ENVIRONMENTAL
SERVICES

a division of Kahl Companies, Inc.

JUN 18 PM 4:37

June 15, 2004

AES
WDM 6/22
KS 6/21

Dennis Merklin
Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501

Subject: Request for Closure/Oversight Review
Irvine Village Center, Bldg B (Drive-Thru Cleaners)
15415 Jeffrey Road, Suite B-100
Irvine, California 92604

Dear Mr. Merklin:

On April 19, 2004, Kahl Environmental Services submitted a request for regulatory closure review for the above referenced site. This request was made on behalf of the property owner, 301 Marine LLC.

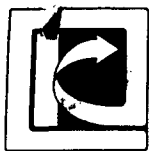
As we previously stated, trace levels of PCE were reported in groundwater occurring beneath this site. Based on that data, it is our professional opinion that the observed level of impact represents a very low risk to the public health and to sensitive environment receptors. However, in support of escrow closure, the owner is seeking regulatory concurrence of this opinion by the RWQCB.

If additional information is required to support your review of this site, please contact our office at (619) 797-1200. Thank you for your assistance.

Sincerely,
KAHL ENVIRONMENTAL SERVICES

Brian M. Kahl, R.E.A.
Principal

cc: Joe Goveia, K&G Equities



KAHL
ENVIRONMENTAL
SERVICES

AES
WDN
4/21
4/21

APR 20 2004 3:09

7125 EL CAJON BLVD., STE. #5

SAN DIEGO, CALIFORNIA 92115

TEL: 619.797.1200

FAX: 619.797.1212

April 19, 2004

Dennis Merklin
Regional Water Quality Control Board
3737 Main Street, Suite 500
Riverside, CA 92501

Subject: Request for Closure/Oversight Review
Irvine Village Center, Bldg B (Drive-Thru Cleaners)
15415 Jeffrey Road, Suite B-100
Irvine, California 92604

Dear Mr. Merklin:

Per our telephone conversation, I am forwarding the attached Phase II Investigation Report pertaining to a dry cleaner facility located at 15435 Jeffrey Road, in Irvine, California. Kahl Environmental Services (KES) completed this study as a due diligence effort for the property owner (301 Marine LLC). Although, our findings indicated only trace levels of impact from PCE, the Lender of record on the property has requested that regulatory closure be obtained.

On behalf of the owner, KES respectfully requests that the RWQCB consider accepting this site for oversight within the SLIC cost recovery program to enable the Owner to obtain regulatory review and closure. Alternatively, in consideration of the level of impact and consequently, low risk associated with this site, KES requests that the RWQCB consider issuing a No-Further-Action comment letter outside of the Program.

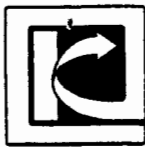
For your reference, the current property owner is:

301 Marine LLC
c/o Joe Goveia
Kahl & Goveia
250 Brooks Street
Laguna Beach, CA 92651

If additional information is required to support your review of this site, please contact our office at (619) 797-1200. Thank you for your assistance.

Sincerely,
KAHL ENVIRONMENTAL SERVICES

Brian M. Kahl, R.E.A.
Principal



KAHL
ENVIRONMENTAL
SERVICES

7125 EL CAJON BLVD., STE. #5

SAN DIEGO, CALIFORNIA 92115

TEL: 619.797.1200

FAX: 619.797.1212

July 18, 2003
KES Project # 03-1576

301 Marine LLC
c/o Joe Goveia
Kahl & Goveia
1590 S. Coast Highway, Suite 8
Laguna Beach, California 92651

Subject: Soil and Groundwater Sampling Results
Irvine Village Center, Bldg B (Drive-Thru Cleaners)
15435 Jeffrey Road, Suite B-100
Irvine, California 92604

Dear Mr. Goveia:

Kahl Environmental Services (KES) has completed a Phase II subsurface investigation at the above referenced site. The objective was to collect and test representative soil and groundwater samples to evaluate the potential for subsurface environmental impacts from dry cleaning solvent, tetrachloroethylene (PCE). The subject property contains a retail strip mall consisting of three buildings and parking lot (Figure 1). The focus of the study was on the easternmost suite (Suite 100) of Building B, which contains an operating dry cleaning facility (Figure 2). It is our understanding that this study is intended to support due diligence efforts associated with possible property/ground lease acquisition.

Summary of Activities

On June 26, 2003, KES conducted a walk-through inspection of the unit occupied by the dry cleaner. KES confirmed the location of the dry cleaning machine and marked one inside and two outside locations for utility clearance prior to soil and groundwater sampling.

On July 2, 2003, KES completed three (3) soil sampling points to depths of fifteen to thirty feet below ground surface (bgs). Groundwater was detected at 23 feet bgs. Soil sampling was conducted adjacent to the dry cleaning machine, SS-1, and at two locations outside Building B, east (SS-2) and west (SS-3) of the dry cleaning machine (Figure 3). Groundwater samples were collected from sample locations SS-2 and SS-3. At sample location SS-1, soil samples were collected at five, ten, and fifteen feet bgs (Table 1). At sample location SS-2, soil samples were collected at five, ten, fifteen and twenty feet bgs. At sample location SS-3, soil samples were collected at five, ten, and twenty feet bgs. Groundwater samples were collected from locations SS-2 and SS-3 (Table 2). Ten soil and two groundwater samples were analyzed by a State-certified laboratory for VOCs by EPA Method 8021. All boreholes were backfilled with bentonite chips and topped with concrete.

Findings

The Irvine Village Center site is located on the northern corner of the intersection of Irvine Center Drive and Jeffrey Road. The site is flat, paved, with minor landscaping. The site is at an approximate elevation of 125 feet above mean sea level. The dry cleaner tenant is located in Suite 100 of Building B on the northeast corner of the site. In the dry cleaner, no visible staining on the concrete adjacent to the dry cleaning machine catch basin was evident. Staining was evident on the machine but was captured in the sheet metal catch basin surrounding the machine. The concrete floor slab had sections of etching and/or surface deterioration near the dry cleaning machine.

Site soils within the first 30 feet bgs consisted of interbedded silty sands, sandy silts, and clays with occasional sand and gravel lenses. Groundwater was encountered at approximately 23.5 feet bgs.

PCE was not detected in any soil sample collected from the three soil borings (Table 1). PCE was detected in both groundwater samples, SS-2W and SS-3W, at a concentration of 8 micrograms per liter (ug/l), (Table 2; Figure 3). These concentrations are only slightly above the Maximum Contaminant Limit for PCE of 5 ug/l. Sample locations SS-2 and SS-3 are located approximately 20 feet northeast and southeast from the dry cleaning machine (Figure 3). These PCE concentrations do not indicate a major release has occurred at the site.

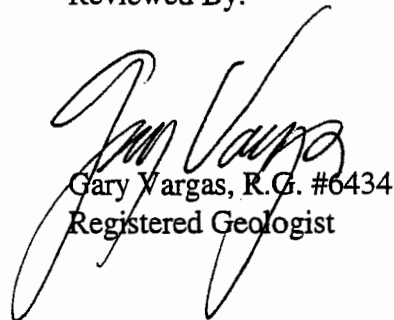
If you have further questions about these findings, please call (619) 797-1200.

Sincerely,
KAHL ENVIRONMENTAL SERVICES

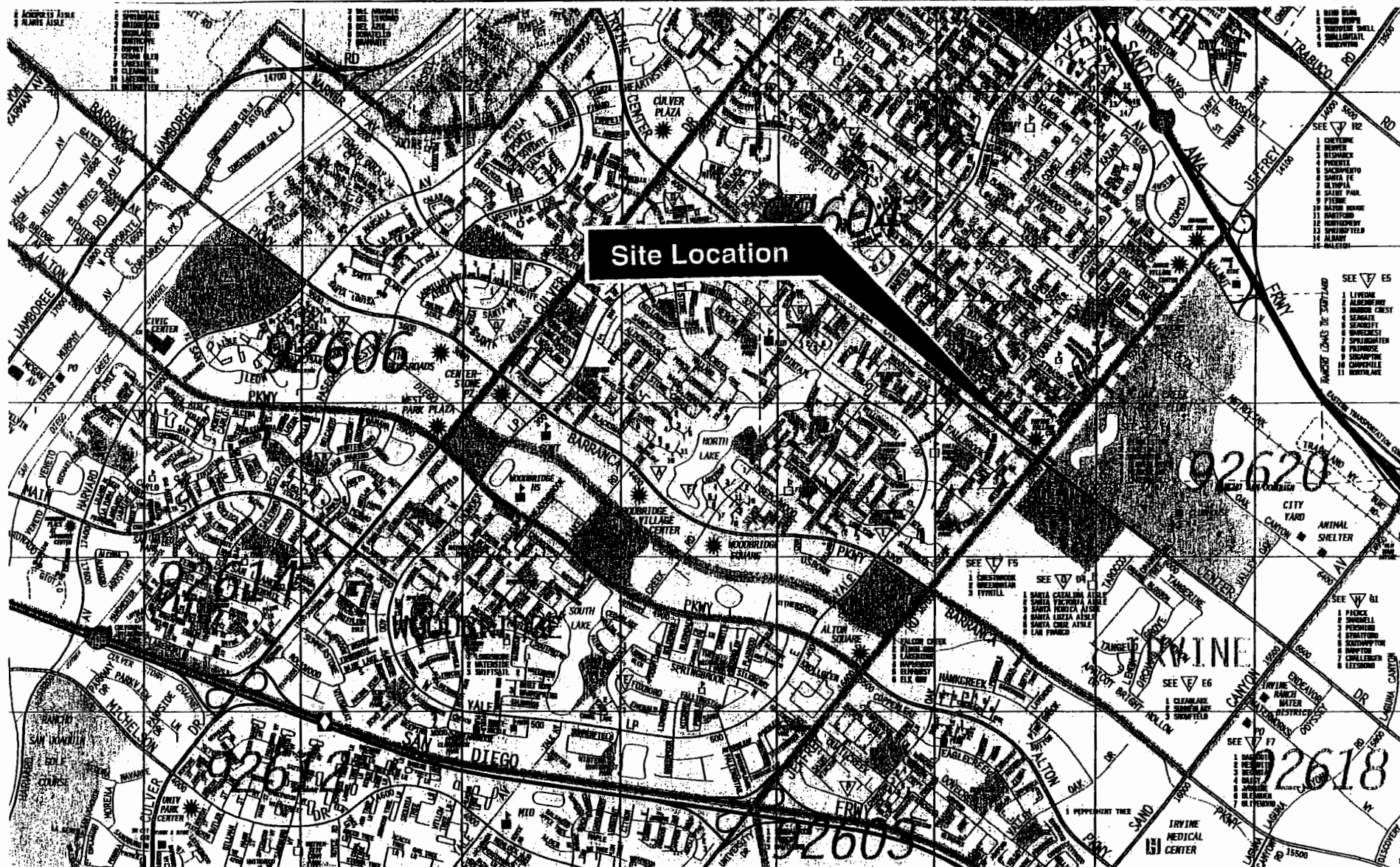


Brian M. Kahl, R.E.A.
Principal

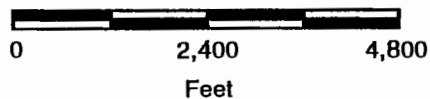
Reviewed By:



Gary Vargas, R.G. #6434
Registered Geologist



Scale 1" = 2,400 feet



SITE LOCATION MAP

DRY CLEANERS SUITE B-100

Irvine Village Center, 15435 Jeffrey Road
Irvine, CA



**KAHL
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SERVICES**

Project: 03-1576

Figure: 1

Residence

Triomphe Avenue

driveway

Building
B

Dry Cleaners
Suite 100

drive thru

driveway

Jeffrey Road

Residences

asphalt

asphalt

asphalt

asphalt

driveway

Irvine Center Drive

SITE PLAN

DRY CLEANERS SUITE B-100
Irvine Village Center, 15435 Jeffrey Road
Irvine, CA



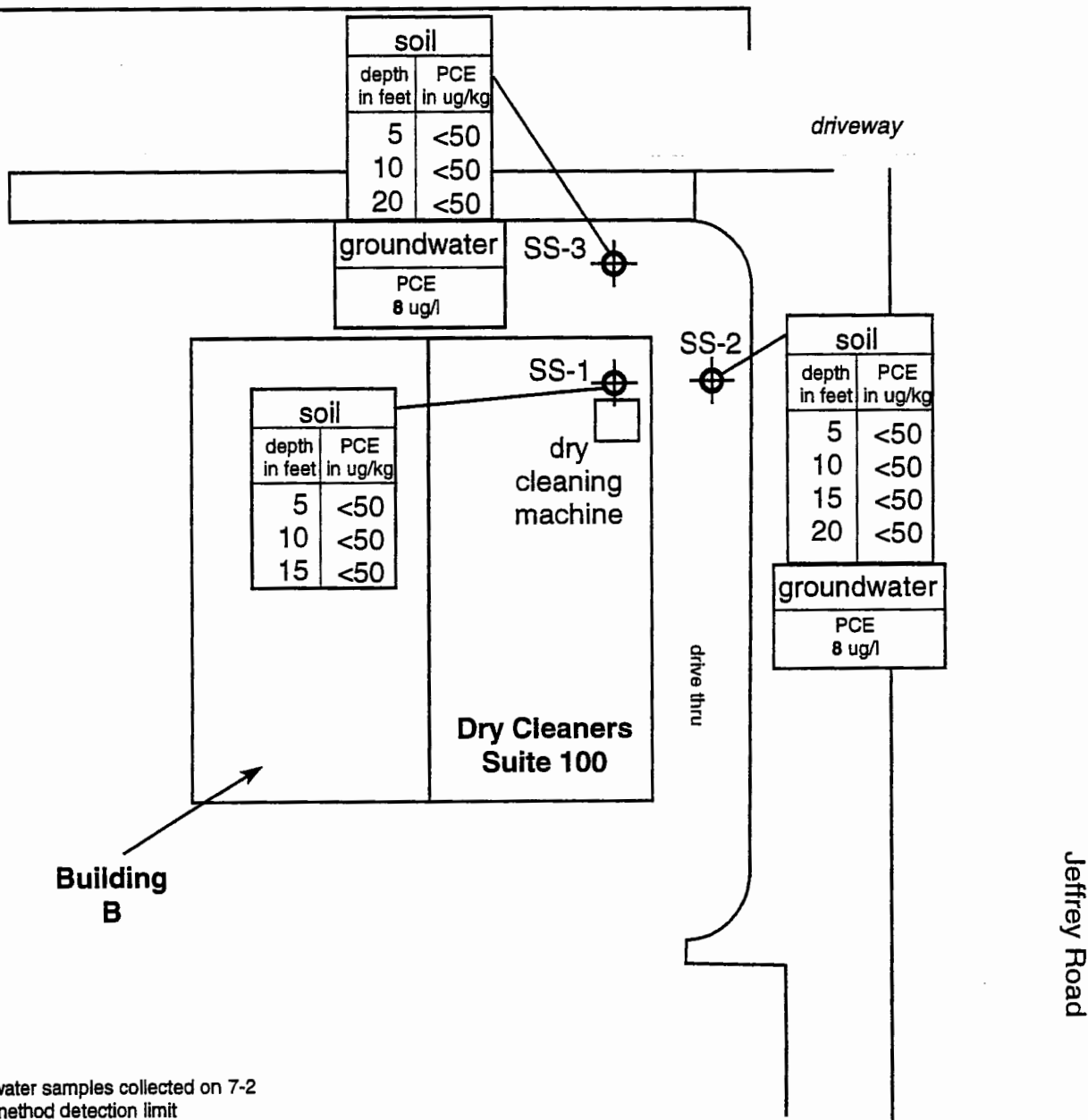
**KAHL
ENVIRONMENTAL
SERVICES**

Project: 03-1576

Figure: 2

Scale 1" = 100 feet





All soil and groundwater samples collected on 7-2
 < = less than method detection limit
 ug/kg = micrograms per kilogram
 ug/l = micrograms per liter



Scale 1" = 30 feet

0 30 60

Feet

SAMPLING LOCATIONS

DRY CLEANERS SUITE B-100

Irvine Village Center, 15435 Jeffrey Road
 Irvine, CA



KAHL
ENVIRONMENTAL
SERVICES

Project: 03-1576

Figure: 3

TABLE 1
PCE IN SOILS
Suite B-100 Dry Cleaners
Irvine Village Center
15435 Jeffrey Road
Irvine, CA 92604

Sample ID	Depth Feet bgs	Date	PCE mg/kg
SS-1	5	7-2-03	<50
SS-1	10	7-2-03	<50
SS-1	15	7-2-03	<50
SS-2	5	7-2-03	<50
SS-2	10	7-2-03	<50
SS-2	15	7-2-03	<50
SS-2	20	7-2-03	<50
SS-3	5	7-2-03	<50
SS-3	10	7-2-03	<50
SS-3	20	7-2-03	<50

bgs below ground surface
ug/l micrograms per kilogram
< less than method detection limit

TABLE 2
PCE IN GROUNDWATER
Suite B-100 Dry Cleaners
Irvine Village Center
15435 Jeffrey Road
Irvine, CA 92604

Sample ID	Date	PCE µg/l
SS-2W	7-2-03	8
SS-3W	7-2-03	8

ug/l micrograms per liter

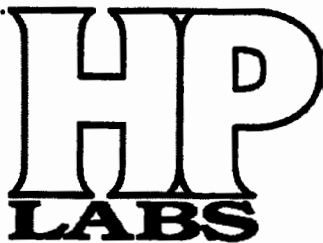
ATTACHMENT A
SAMPLING PLAN
Irvine Village Center, Bldg B (Drive-Thru Cleaners)
15435 Jeffrey Road, Suite B-100
Irvine, California 92604

DRILLING AND SAMPLING

- **Site Clearance** - The site was inspected and marked by Underground Service Alert representatives identifying the locations of underground utilities prior to commencing site sampling activities.
- **Drilling & Sampling** - KES utilized a limited access direct-push rig to advance three borings at the site. One boring was completed inside the facility near the dry cleaning machine and two borings were completed within the drive-through area immediately outside the dry cleaners. The outside borings were advanced to approximate depths of 30 feet below surface grade (bgs). The interior boring was advanced to approximately 15 feet bgs. Soil samples were collected at approximate 5-foot intervals. A total of ten soil samples were analyzed. Groundwater was encountered at approximately 23 feet bgs. A total of two groundwater samples were analyzed.
- **Site Restoration** - Following completion of drilling, the boreholes were sealed with hydrated bentonite per County and State regulations. At surface grade, the slab core hole and asphalt driveway was filled and finished with concrete. All loose debris, dirt or rock generated at the drilling locations was swept and removed.

LABORATORY ANALYSIS

- **Testing** - Ten soil samples and two groundwater samples were analyzed for Perchloroethylene (PCE) by EPA Method 8021. A State-certified fixed base laboratory was utilized for off-site chemical analysis.



KAHL ENVIRONMENTAL PROJECT #03-1576
IRVINE CENTER

HP Labs Project #KE070203-10

PCE IN SOILS BY EPA METHOD 8021

SAMPLE ID	DATE	PCE (ug/kg)
BLANK	7/12/2003	ND
SS-1-5	7/12/2003	ND
SS-1-10	7/12/2003	ND
SS-1-15	7/12/2003	ND
SS-2-5	7/12/2003	ND
SS-2-10	7/12/2003	ND
SS-2-15	7/12/2003	ND
SS-2-20	7/12/2003	ND
SS-3-5	7/12/2003	ND
SS-3-10	7/12/2003	ND
SS-3-20	7/12/2003	ND

ND INDICATED NOT DETECTED AT DETECTION LEVEL OF 50 UG/KG FOR PCE

ANALYSES PERFORMED IN CA DOHS MOBILE LABORATORY

ANALYSES PERFORMED BY: JODY GRINDEL & BLAYNE HARTMAN

DATA REVIEWED BY: BLAYNE HARTMAN



KAHL ENVIRONMENTAL PROJECT #03-1576
IRVINE CENTER

HP Labs Project #KE070203-10

PCE IN WATER BY EPA METHOD 8021

SAMPLE ID	DATE	PCE (ug/kg)
BLANK	7/12/2003	ND
SS-2W	7/12/2003	8
SS-3W	7/12/2003	8

ND INDICATED NOT DETECTED AT DETECTION LEVEL OF 1 UG/L FOR PCE

ANALYSES PERFORMED IN CA DOHS MOBILE LABORATORY

ANALYSES PERFORMED BY: BLAYNE HARTMAN

DATA REVIEWED BY: BLAYNE HARTMAN



QA/QC MATRIX SPIKE DATA

DATE: 07/12/03

HP Labs Project #KE070203-10

WINNY 1

COMPOUND	DETECTOR	UNITS	MS			MSD			
			SPIKE	AMT	% RECOVERY	SPIKE	AMT	% RECOVERY	%RPD
PCE	PID	NG	20.0	19	94.0%	20.0	18	92%	2.2%

ANALYSES PERFORMED BY: BLAYNE HARTMAN

DATA REVIEWED BY: DR. BLAYNE HARTMAN



QA/QC CALIBRATION DATA

DATE: 07/12/03

HP Labs Project #KE070203-10

WINNY 1

COMPOUND	DETECTOR	UNITS	AVE RF	OPENING STANDARD				CLOSING STANDARD			
				AMT	AREA	RF	%DIFF	AMT	AREA	RF	%DIFF
PCE	PID	NG	9.8	20.0	182	9.1	6.7%	20.0	223	11.2	14.4%

ANALYSES PERFORMED IN CA DOHS MOBILE LABORATORY

ANALYSES PERFORMED BY: BLAYNE HARTMAN

DATA REVIEWED BY: DR. BLAYNE HARTMAN

OTHER PROJECTS COMING OR GOING:

POLY-FIBER FACILITY – Starting; getting on CRP

~~U. S. DIVERS – Transferred back to Kamron~~

BASELINE CLEANERS – Inactive, open project.

ARCO WELDING – Closed site, but may open (Problem)

NO LONGER MY PROJECTS (GAVE TO NAJA)

PARK CLEANER – All Done on My part, now to him

WESTPARK CLEANER – All Done on My part, now to him

NEWPORT HILLS CLEANER – All Done on My part, now to him

FILE CREATION/UPDATE FORM

(Revised 11/99)

Date Requested: August 26, 2004

Date Required: September 20, 2004

Requested by: WDM

Section: SLIC

Supervisor's approval: RLK 9/21

↓ FILE INFORMATION (Route to Administrative Staff) ↓

Action Requested: Creation XXX Split _____ Change Name _____

Other (Vice Versa, etc.): _____

Order No. Change _____ Order Rescinded: _____

File Type (Circle Type): Unreg Reg Subj Tech Planning Sec. Other _____

Order No. Change (From): _____ Order Rescinded: _____

Discharger/Owner Name: _____

Facility/Business Name: IRVINE VILLAGE CENTER, BLDG. B (DRIVE-THRU CLEANERS)

Street Address: 15415 JEFFREY ROAD, SUITE B-100

City: IRVINE County: ORANGE State: CA Zip: 92604

Order No: _____ NPDES NO: _____

File/Site Type: UST _____ AST _____ SLIC XX STORM WATER _____

DAIRY _____ POTW _____ WDS LIST _____ LANDFILL _____

SURFACE IMPOUNDMENT _____

SECTION: SLIC STAFF: WDM

When completed, please return file to: Cabinet _____ Requestor: XXX Other: _____

ADMINISTRATIVE STAFF, complete where applicable:

For file splits, indicate file folder From _____ To _____

dates for entry into database From _____ To _____

From _____ To _____

From _____ To _____

File Creation/Update Completed by ams on 09/21/04 Database updated by CAE on 9/22/04

Requestor, if you wish this form returned to you, check here. XX

FILE CREATION/UPDATE FORM

(Revised 11/99)

Date Requested: August 26, 2004 Date Required: September 3, 2004

Requested by: WDM Section: SLIC Supervisor's approval: _____

↓ FILE INFORMATION (Route to Administrative Staff) ↓

Action Requested: Creation XXX Split _____ Change Name _____

Other (Vice Versa, etc.) : _____

Order No. Change _____ Order Rescinded: _____

File Type (Circle Type): Unreg Reg Subj Tech Planning Sec. Other _____

Order No. Change (From): _____ Order Rescinded: _____

Discharger/Owner Name: _____

Facility/Business Name: IRVINE VILLAGE CENTER, BLDG. B (DRIVE-THRU CLEANERS)

Street Address: 15415 JEFFREY ROAD, SUITE B-100

City: IRVINE County: ORANGE State: CA Zip: 92604

Order No: _____ NPDES NO: _____

File/Site Type: UST _____ AST _____ SLIC _____ STORM WATER _____

DAIRY _____ POTW _____ WDS LIST _____ LANDFILL _____

SURFACE IMPOUNDMENT _____

SECTION: _____ STAFF: _____

When completed, please return file to: Cabinet _____ Requestor: _____ Other: _____

ADMINISTRATIVE STAFF, complete where applicable:

For file splits, indicate file folder From _____ To _____

dates for entry into database From _____ To _____

From _____ To _____

From _____ To _____

File Creation/Update Completed by _____ on _____. Database updated by _____ on _____

Requestor, if you wish this form returned to you, check here. _____



California Regional Water Quality Control Board

Santa Ana Region



Terry Tamminen
*Secretary for
Environmental
Protection*

Internet Address: <http://www.swrcb.ca.gov/rwqcb8>
3737 Main Street, Suite 500, Riverside, California 92501-3348
Phone (951) 782-4130 - FAX (951) 781-6288

**Arnold
Schwarzenegger**
Governor

September 15, 2004

Mr. Joe Goveia
301 Marine LLC
K & G Equities
250 Brooks Street
Laguna Beach, CA 92651

**NO FURTHER ACTION – IRVINE VILLAGE CENTER, BLDG B (DRIVE-THRU
CLEANERS), 15415 JEFFREY ROAD, SUITE B-100, IRVINE, ORANGE COUNTY**

Dear Mr. Goveia:

We have reviewed your letters titled, "Request for Closure/Oversight Review" for the above-named site, dated April 19, 2004 and June 15, 2004, which were submitted by Kahl Environmental Services (KES) on your behalf. In addition, we have reviewed the accompanying Phase II Investigation report titled, "Soil and Groundwater Sampling Results" for the above site, dated July 18, 2003, which was also submitted by KEH on your behalf. The above property contains a retail strip mall consisting of three buildings and a parking lot. The easternmost suite of Building B (Suite 100) contains an operating dry cleaning facility and was the focus of the investigation. This investigation was conducted to evaluate the potential for subsurface impacts from the dry cleaning solvent tetrachloroethylene (PCE), and other volatile organic compounds (VOCs).

The investigation consisted of three (3) soil borings to depths of 15 to 30 feet below ground surface (bgs). Perched groundwater was detected at approximately 23.5 feet bgs. The three sampling locations consisted of SS-1, located inside the facility, adjacent to the dry cleaning machine; SS-2 and SS-3, located just outside of Building B to the east and west, respectively. Soil samples from SS-1 were collected at intervals of 5, 10 and 15 feet bgs. Soil samples from SS-2 were collected from intervals of 5, 10, 15 and 20 feet bgs. Soil samples from SS-3 were collected from intervals of 5, 10 and 20 feet bgs. A groundwater sample was collected each from SS-2 and SS-3. The ten soil samples and two groundwater samples were analyzed in the laboratory for VOCs using EPA Method 8021.

No VOCs were detected in any of the soil samples from the three borings at concentrations above the detection limit of 50 parts per billion (ppb). Only PCE was detected in the two groundwater samples, both at a concentration of 8.0 ppb. This concentration is only slightly above the California Department of Health Services Maximum Contaminant Level (MCL) for PCE of 5.0 ppb. No other VOCs were detected in the groundwater beneath the site.

California Environmental Protection Agency



Recycled Paper

September 15, 2004

No VOCs were detected in the soil at this site above 50 ppb, so there does not appear to be a VOC source in the soil, or a threat of additional migration of contaminants to the groundwater. The mass and concentrations of VOCs that remain in the soil and shallow groundwater at the site do not appear to represent a significant threat to the beneficial uses of groundwater in the Irvine Pressure Groundwater Basin. Therefore, no further soil or groundwater investigation or remediation is necessary. On the condition that the information that you have provided is accurate and representative of existing conditions at the site, no further action is required.

If you have any questions, please call Dennis Merklin at (951) 782-4434, or you may call Robert Holub, Division Chief at (951) 782-3298.

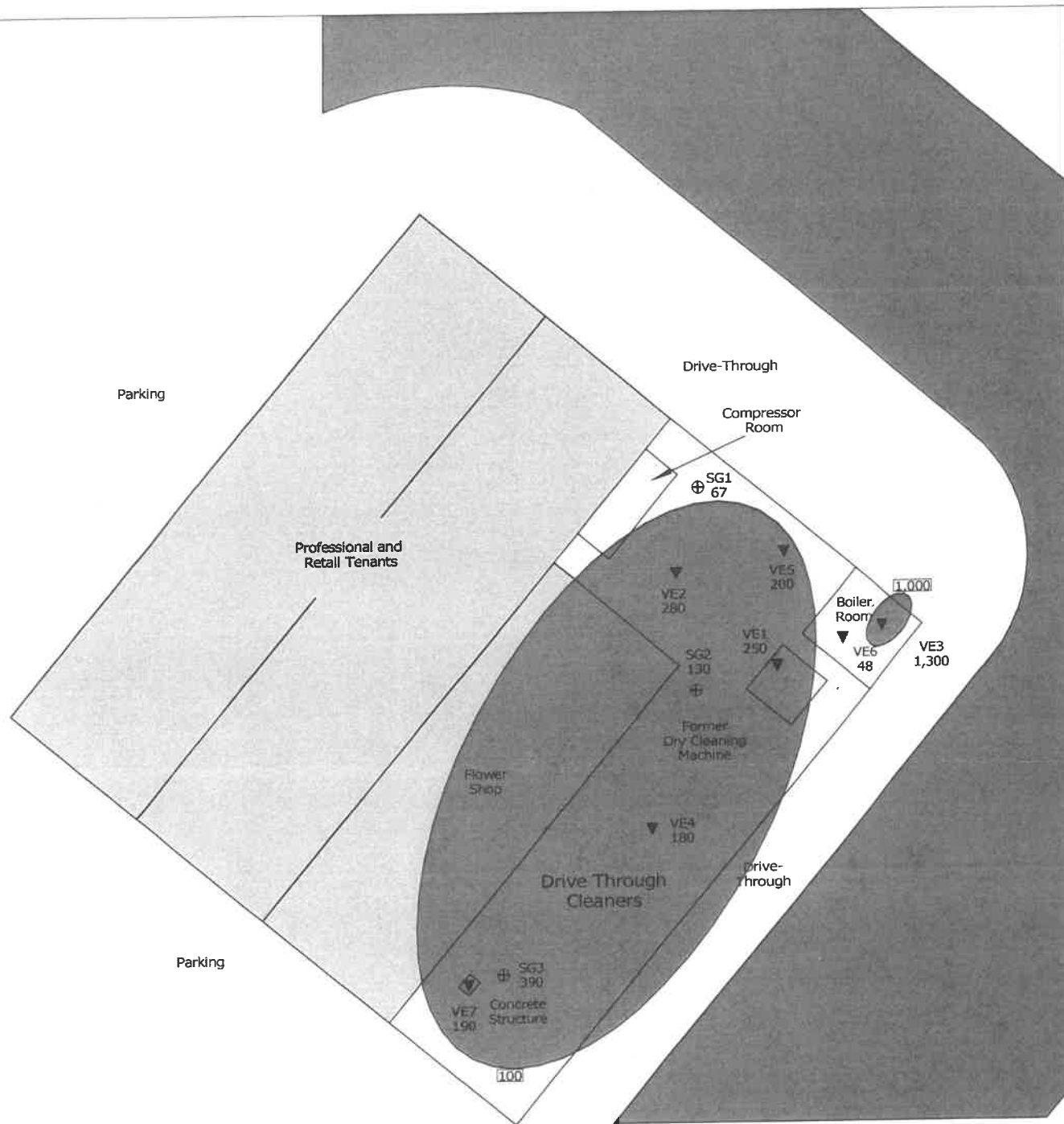
Sincerely,

Gerard J. Thibeault
Executive Officer

Cc: Brian M. Kahl – Kahl Environmental Services, San Diego
Luis Lodrigueza – Orange County Health Care Agency

WDM/irvinvillagecenternfa0904d





LEGEND

- ⊕ Soil Gas Probes
- ▼ Vapor Extraction Wells

FIGURE 4
PRE-REMEDIATION
DISTRIBUTION OF PCE IN SOIL GAS
DRIVE THROUGH CLEANERS
15415 Jeffrey Road
Irvine, California

PCE Concentrations in Soil Gas Shown in ug/L.



GSA
 ENGINEERING, INC.



APPROXIMATE SCALE IN FEET
 0 20 40



RICHARD SANCHEZ
DIRECTOR

STEVE THRONSON
DEPUTY AGENCY DIRECTOR
REGULATORY/MEDICAL SERVICES

LIZA FRIAS, REHS
DIRECTOR
ENVIRONMENTAL HEALTH

1241 E. DYER ROAD, SUITE 120
SANTA ANA, CA 92705

TELEPHONE: (714) 433-6000
FAX: (714) 754-1732
E-MAIL: ehealth@ochca.com

**REGULATORY/ MEDICAL HEALTH SERVICES
ENVIRONMENTAL HEALTH**

June 29, 2017

John Knecht
Hamc Irvine Center, LLC
18301 Von Karman Ave., Ste. 850
Irvine, CA 92612

Subject: Case Status Review

Re: Drive Thru Cleaners
15415 Jeffrey Rd., Suite 100
Irvine, CA 92618
OCHCA Case #15IC002

Dear Mr. Knecht:

On February 23, 2015 you entered into a Remedial Action Agreement with the Orange County Health Care Agency (OCHCA) for cleanup oversight at the above referenced site. At that time tetrachloroethene (PCE) concentrations detected during an initial Phase II soil vapor assessment were evaluated using the EPA advanced vapor risk model under the commercial exposure scenario. Results of modeling showed an incremental lifetime cancer risk (ILCR) of 4.3E-06 which exceed the acceptable value of 1E-06. The OCHCA has not received an update with regard to the subject site since March 2015. Based on site inactivity and a lack of response to OCHCA's May 26, 2017 letter, the OCHCA is terminating oversight at the above referenced site. Please be advised that you will receive a final invoice from this Agency for services rendered and that invoices are generated on a quarterly basis.

If you have any questions, please call me at (714) 433-6251.

Sincerely,

Original signed by

Tamara Escobedo PG, CEG
Hazardous Materials Specialist
Hazardous Materials Mitigation Section
Environmental Health

cc: Kamron Saremi, Santa Ana Regional Water Quality Control Board (electronic copy)
Violeta Mislang, Department of Toxic Substances Control (electronic copy)

APPENDIX C:

DOCUMENTATION

Soil Map—Orange County and Part of Riverside County, California



Soil Map may not be valid at this scale.

Map Scale: 1:6,760 if printed on A portrait (8.5" x 11") sheet.



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




**Natural Resources
Conservation Service**

Web Soil Survey
National Cooperative Soil Survey

1/31/2018
Page 1 of 3

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

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

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

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

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

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

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

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

Soil Survey Area: Orange County and Part of Riverside County, California

Survey Area Data: Version 11, Sep 12, 2017

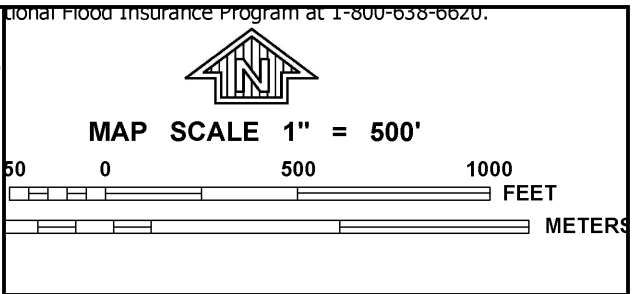
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 3, 2015—Jan 17, 2015

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

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
194	San Emigdio fine sandy loam, 0 to 2 percent slopes	30.5	60.5%
206	Sorrento loam, 0 to 2 percent slopes, warm MAAT, MLRA 19	9.9	19.6%
208	Sorrento clay loam, 0 to 2 percent slopes, warm MAAT, MLRA 19	10.0	19.9%
Totals for Area of Interest		50.4	100.0%



NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0291J

FIRM

FLOOD INSURANCE RATE MAP

ORANGE COUNTY,
CALIFORNIA
AND INCORPORATED AREAS

PANEL 291 OF 539

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

<u>COMMUNITY</u>	<u>NUMBER</u>	<u>PANEL</u>	<u>SUFFIX</u>
IRVINE, CITY OF	060222	0291	J

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.

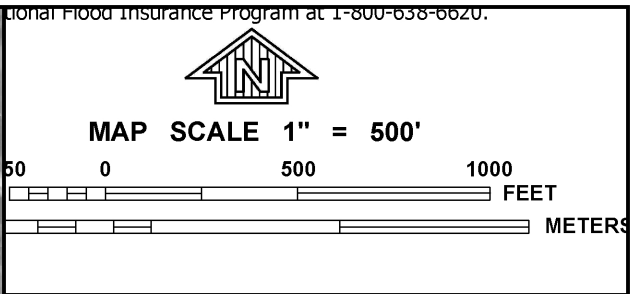


MAP NUMBER
06059C0291J

MAP REVISED
DECEMBER 3, 2009

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



NFIP
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0292J

FIRM
FLOOD INSURANCE RATE MAP

ORANGE COUNTY,
CALIFORNIA
AND INCORPORATED AREAS

PANEL 292 OF 539
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
IRVINE, CITY OF	060222	0292	J

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER
06059C0292J

MAP REVISED
DECEMBER 3, 2009

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



Jeffrey Road/Irvine Center Drive Improvements

NA

Irvine, CA 92618

Inquiry Number: 5146884.9

December 29, 2017

The EDR Aerial Photo Decade Package



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

EDR Aerial Photo Decade Package

12/29/17

Site Name:

Jeffrey Road/Irvine Center Driv
NA
Irvine, CA 92618
EDR Inquiry # 5146884.9

Client Name:

Michael Baker International
14725 Alton Parkway
Irvine, CA 92618
Contact: Kristen Bogue



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

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1994	1"=500'	Acquisition Date: June 01, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 03, 1989	USDA
1985	1"=500'	Flight Date: September 13, 1985	USDA
1977	1"=500'	Flight Date: January 18, 1977	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: October 30, 1972	USGS
1963	1"=500'	Flight Date: February 28, 1963	USGS
1952	1"=500'	Flight Date: December 12, 1952	USDA
1946	1"=500'	Flight Date: December 29, 1946	USGS
1938	1"=500'	Flight Date: June 21, 1938	USDA

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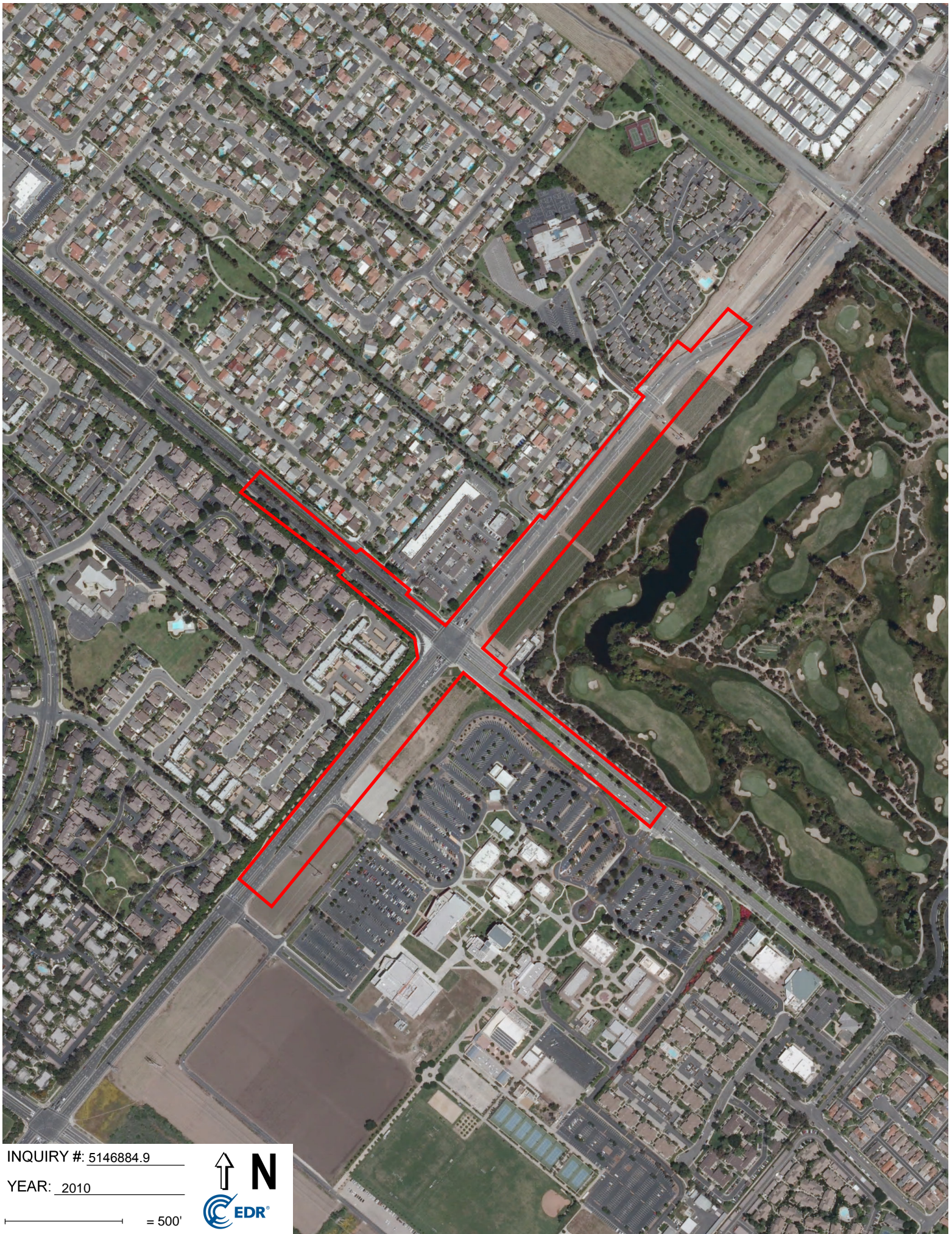


INQUIRY #: 5146884.9

YEAR: 2012

— = 500'



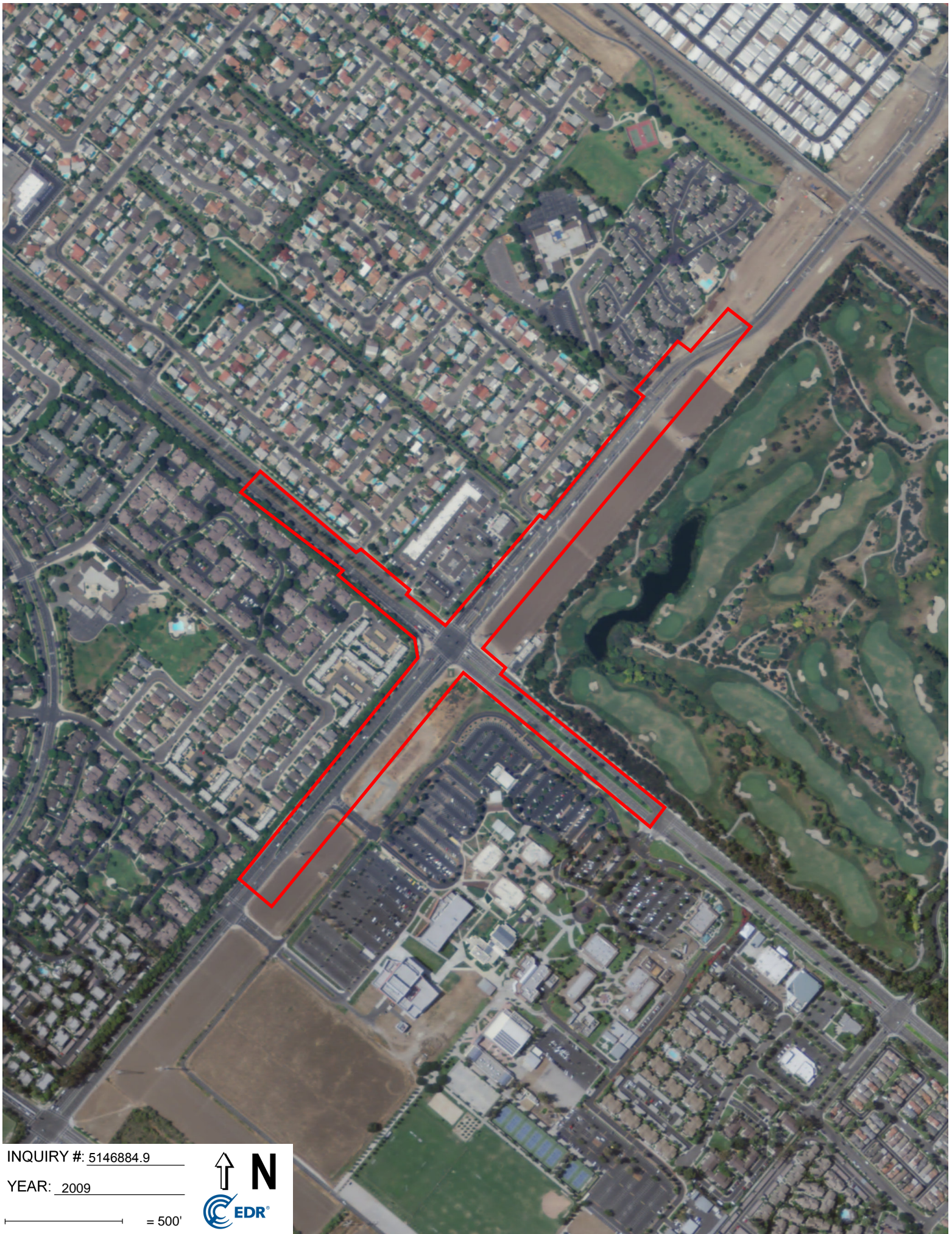


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YEAR: 2010

— = 500'





INQUIRY #: 5146884.9

YEAR: 2009

— = 500'



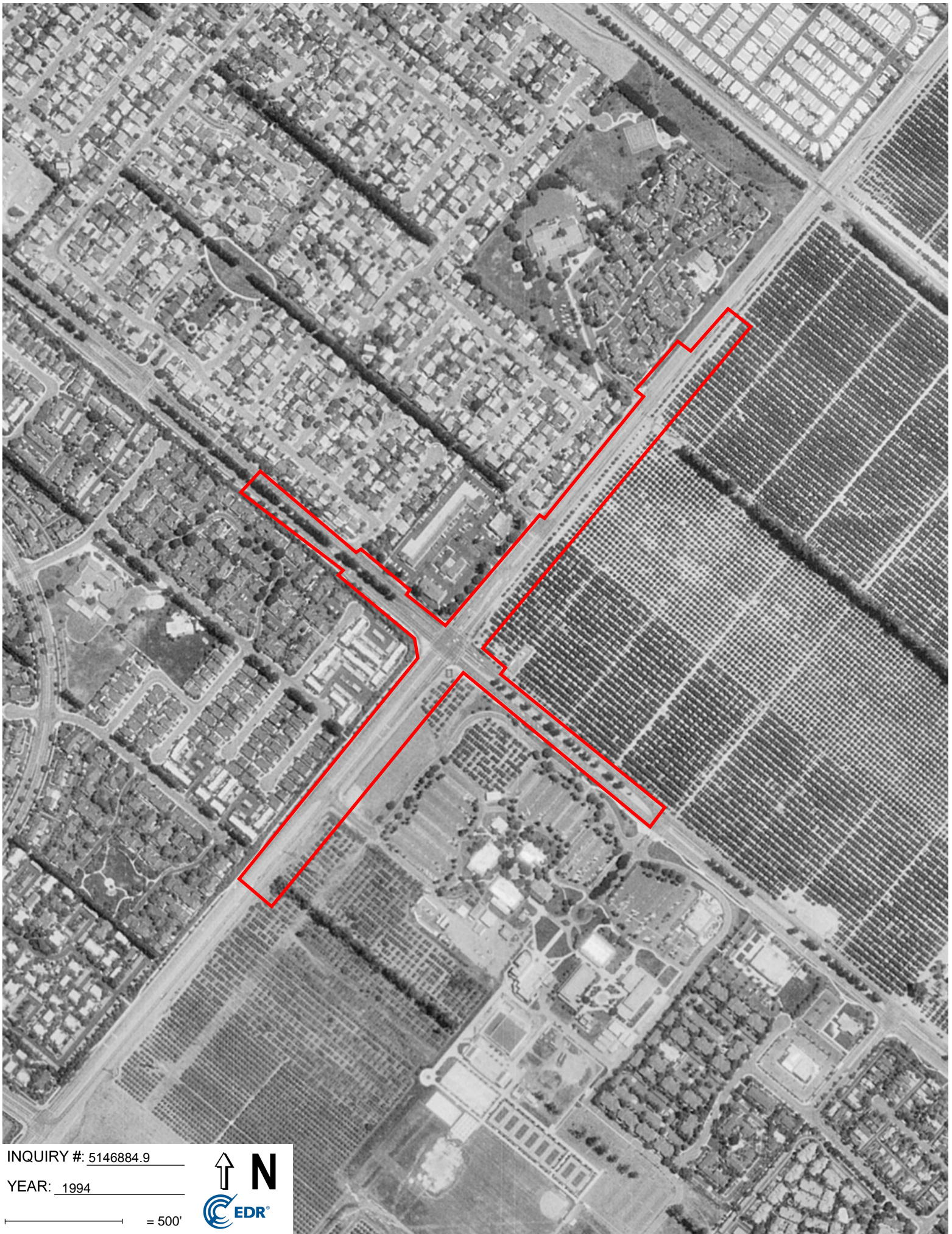


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YEAR: 2005

— = 500'



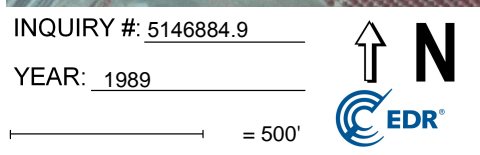


INQUIRY #: 5146884.9

YEAR: 1994

— = 500'





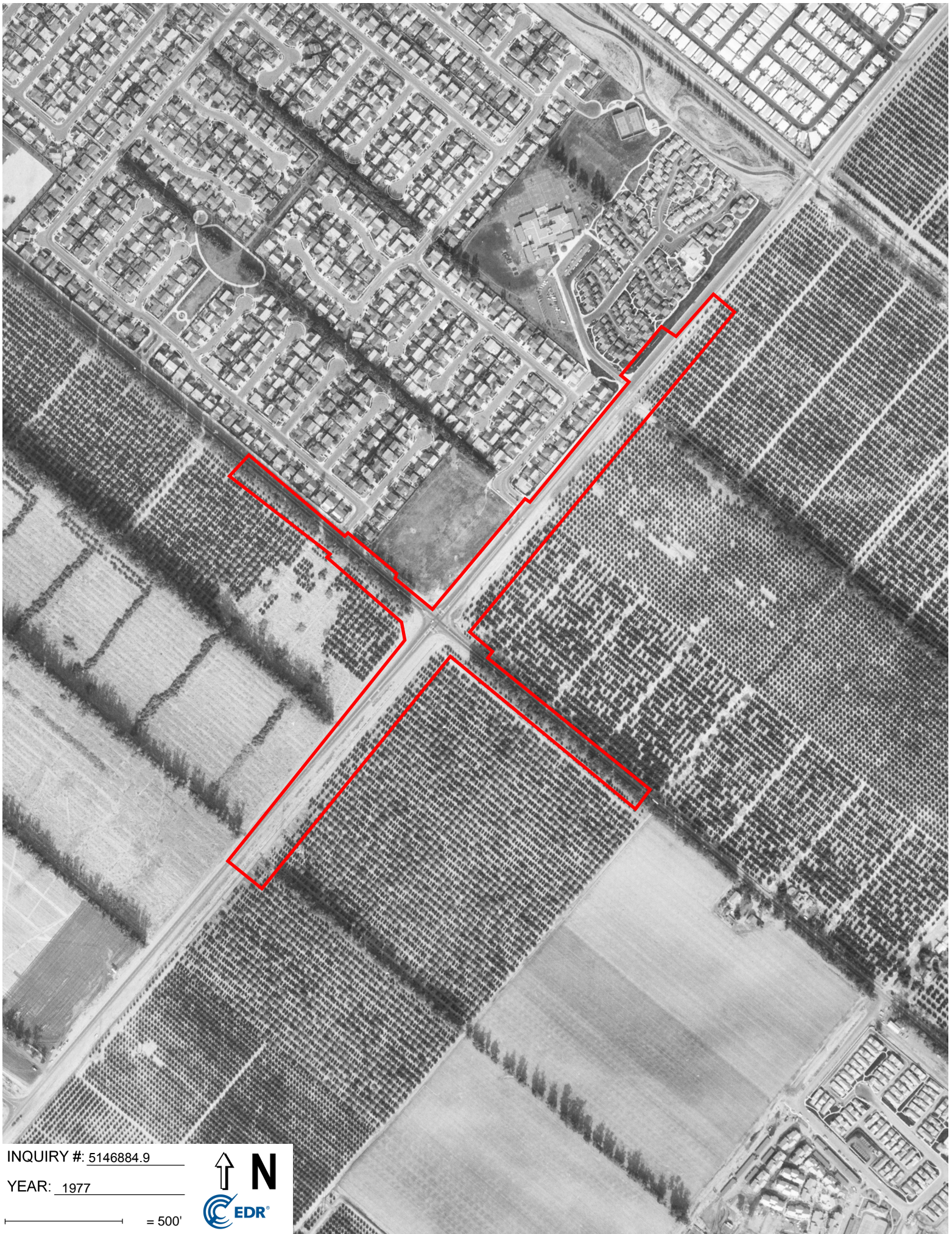


INQUIRY #: 5146884.9

YEAR: 1985

— = 500'



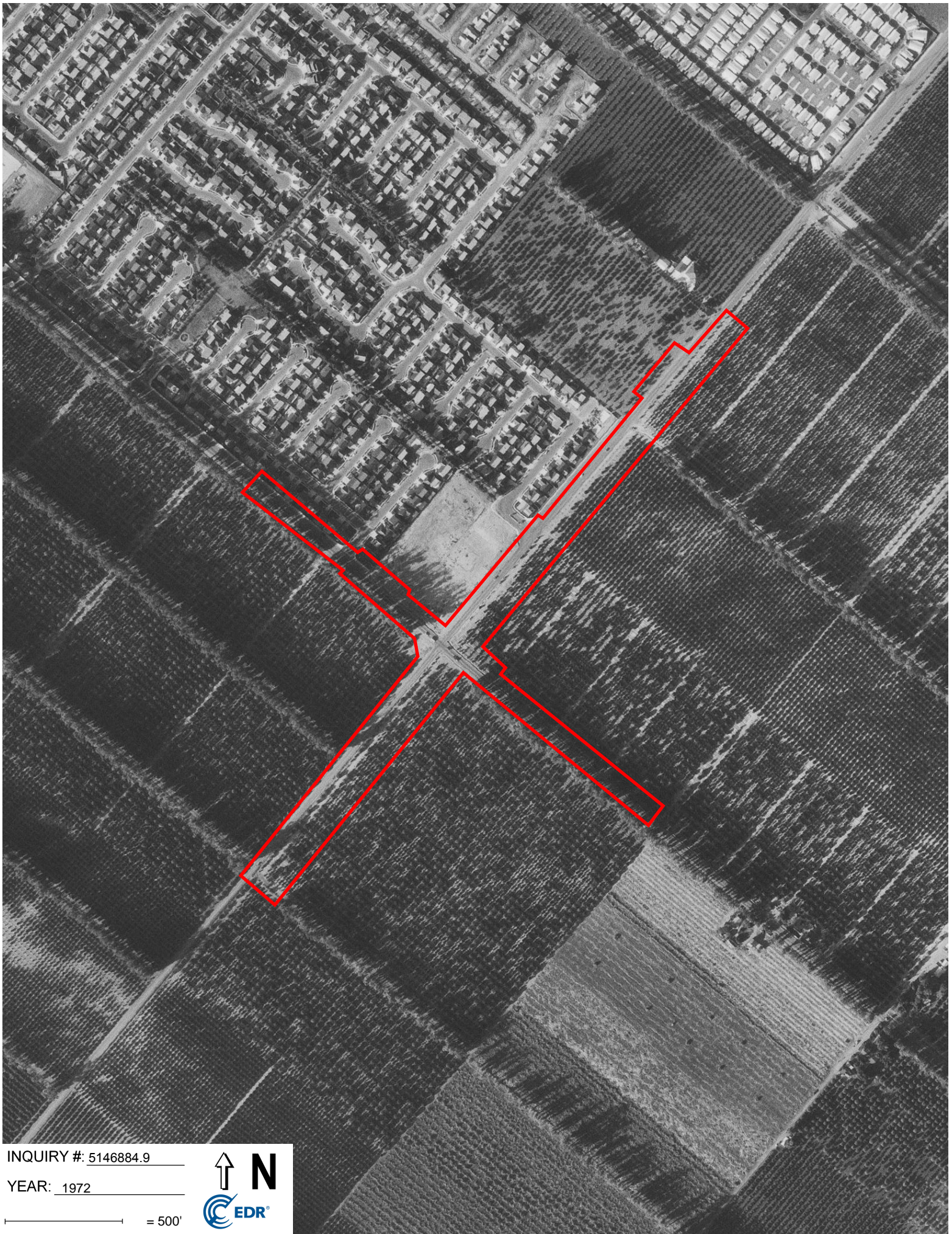


INQUIRY #: 5146884.9

YEAR: 1977

— = 500'



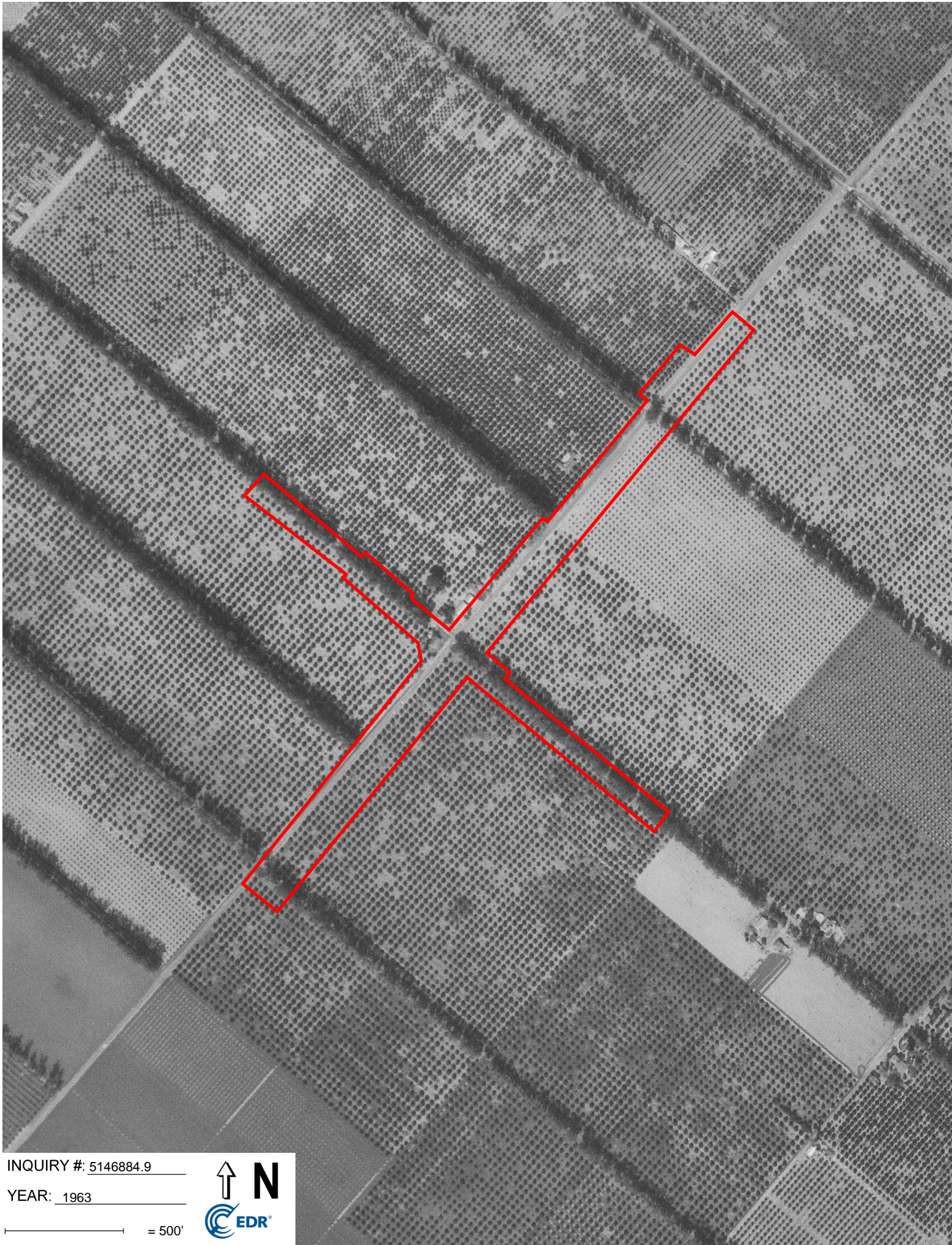


INQUIRY #: 5146884.9

YEAR: 1972

— = 500'



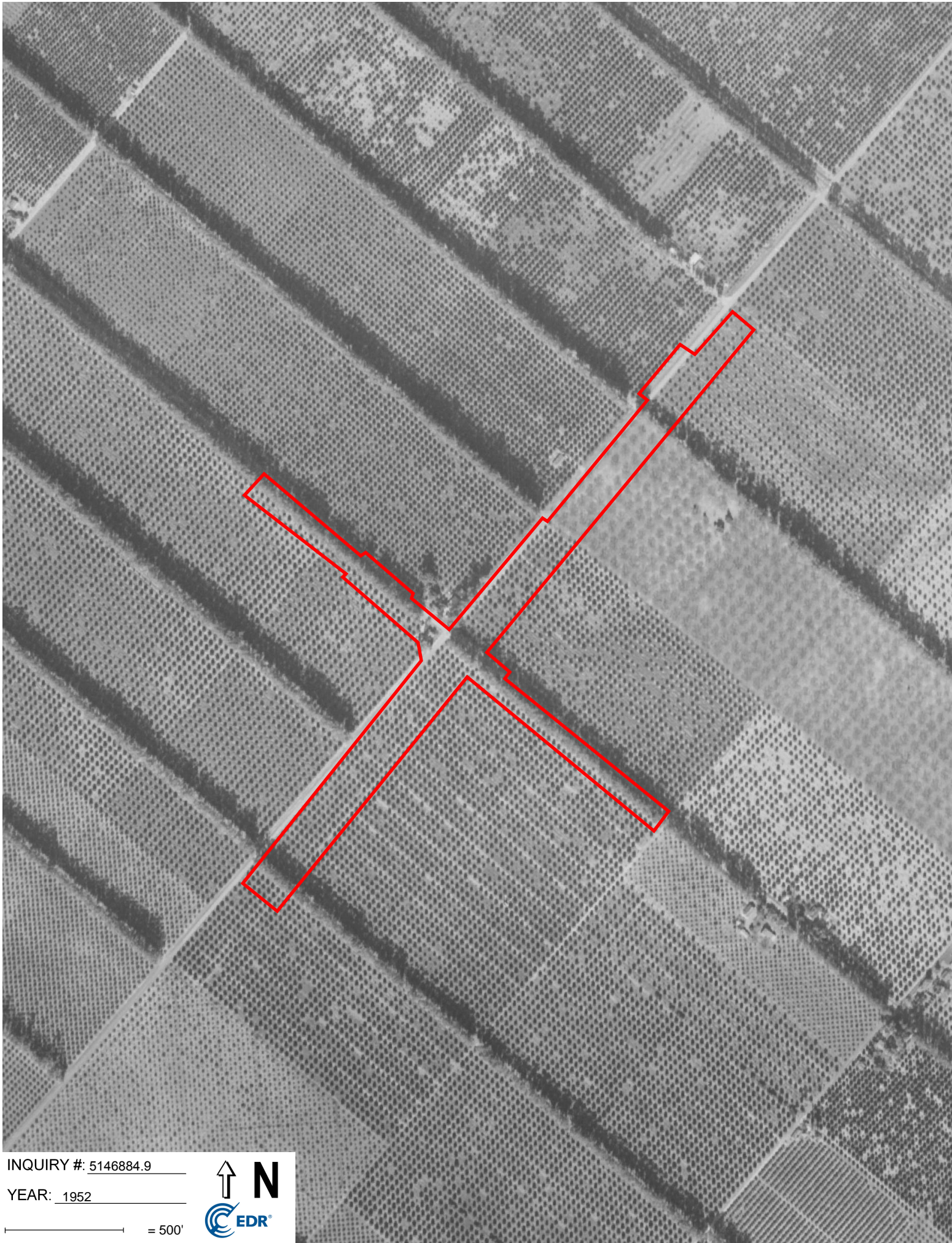


INQUIRY #: 5146884.9

YEAR: 1963

— = 500'



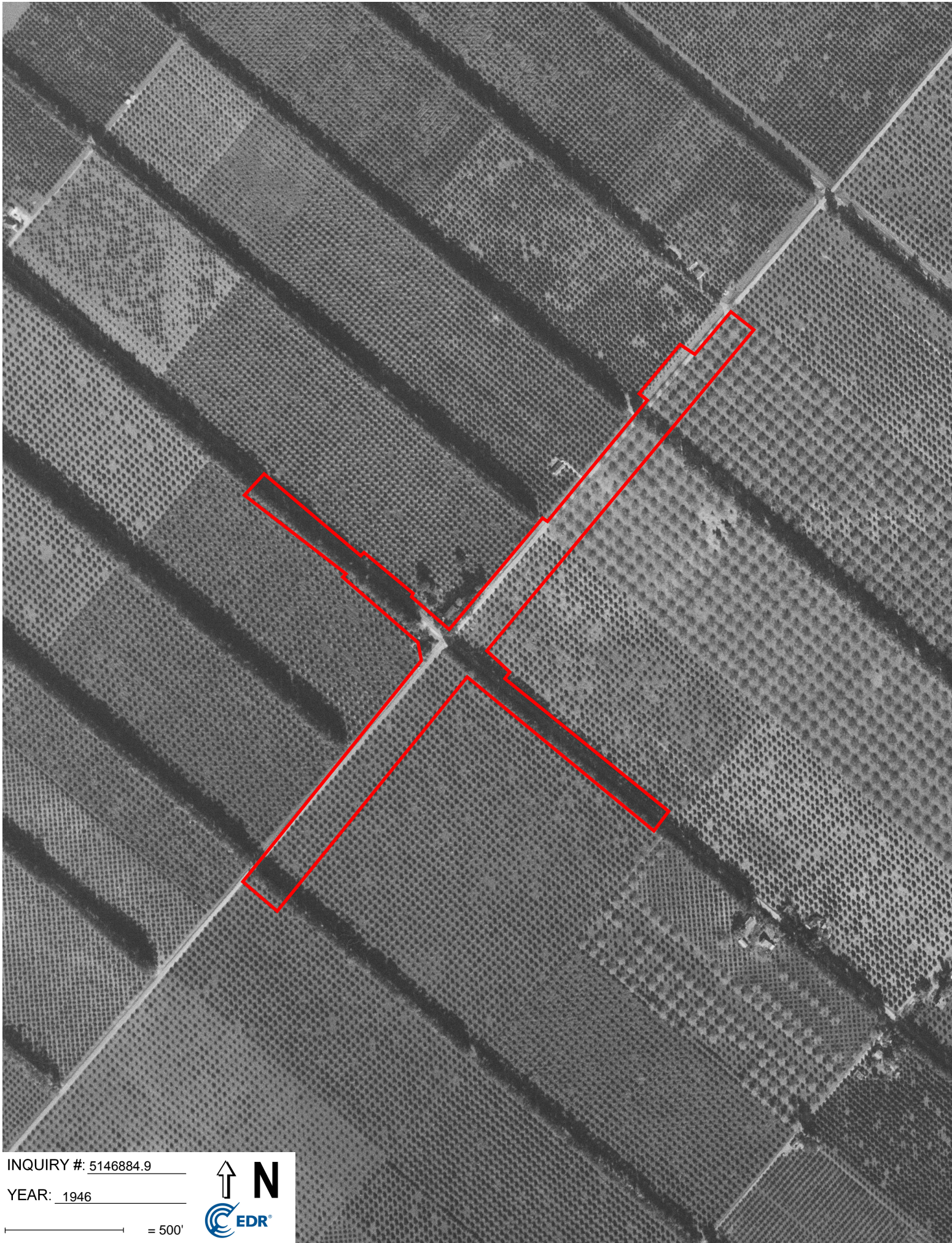


INQUIRY #: 5146884.9

YEAR: 1952

— = 500'



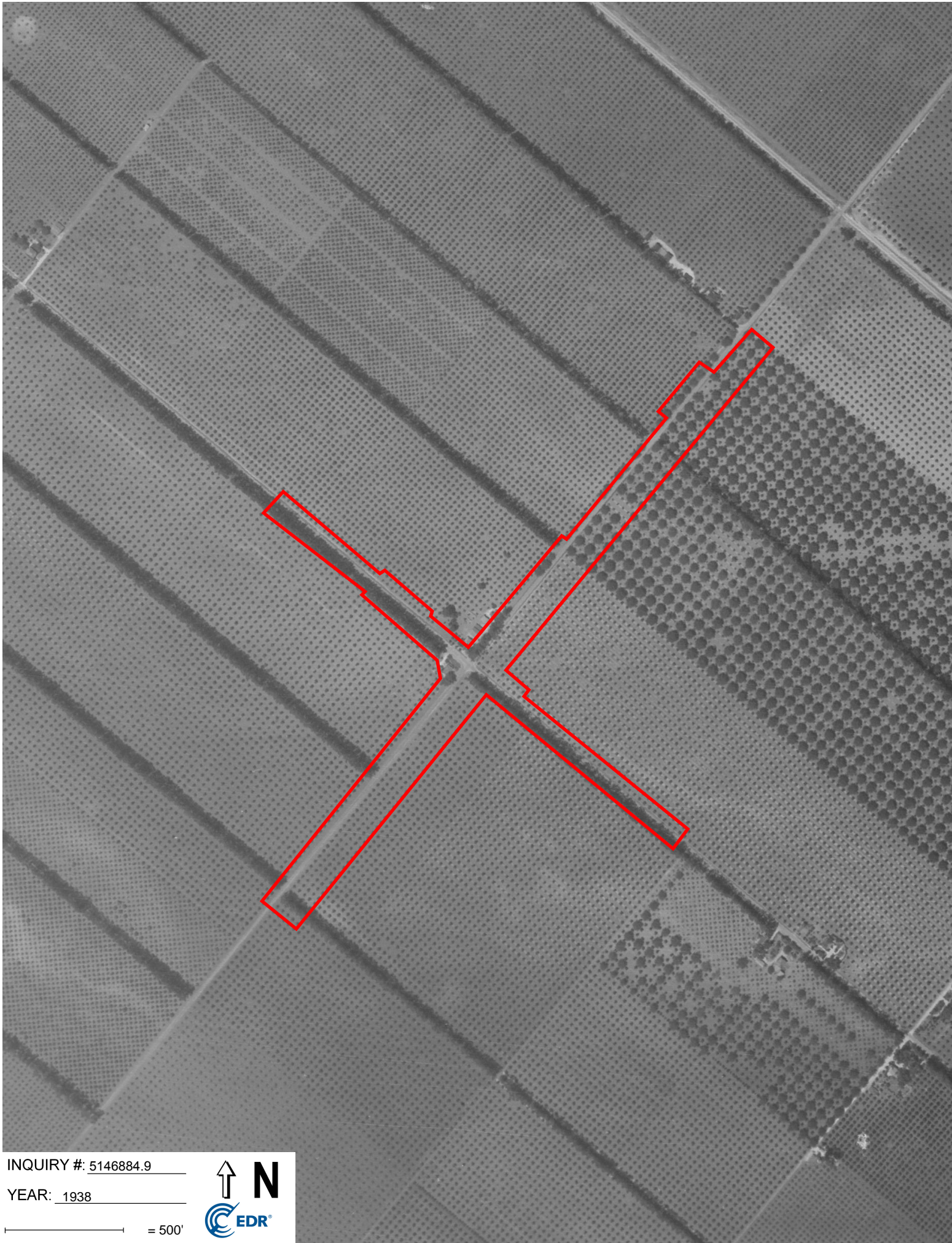


INQUIRY #: 5146884.9

YEAR: 1946

— = 500'





INQUIRY #: 5146884.9

YEAR: 1938

— = 500'



Jeffrey Road/Irvine Center Drive Improvements

NA

Irvine, CA 92618

Inquiry Number: 5146884.4

December 28, 2017

EDR Historical Topo Map Report

with QuadMatch™



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

EDR Historical Topo Map Report

12/28/17

Site Name:

Jeffrey Road/Irvine Center Driv
NA
Irvine, CA 92618
EDR Inquiry # 5146884.4

Client Name:

Michael Baker International
14725 Alton Parkway
Irvine, CA 92618
Contact: Kristen Bogue



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Michael Baker International were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	161832 Task 900-ODCs	Latitude:	33.679576 33° 40' 46" North
Project:	Phase I ESA	Longitude:	-117.778766 -117° 46' 44" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	427812.88
		UTM Y Meters:	3726900.99
		Elevation:	126.00' above sea level

Maps Provided:

2012	1932
1981	1902
1972	1901
1965	1896
1950	
1948	
1942	
1935	

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Topo Sheet Key

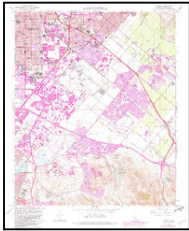
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



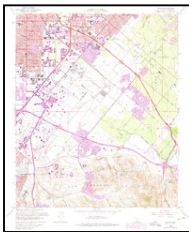
Tustin
2012
7.5-minute, 24000

1981 Source Sheets



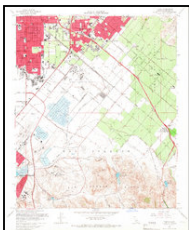
Tustin
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets



Tustin
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1965 Source Sheets



Tustin
1965
7.5-minute, 24000
Aerial Photo Revised 1963

Topo Sheet Key

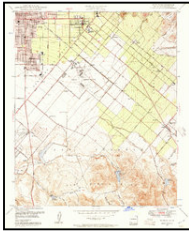
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1950 Source Sheets



Tustin
1950
7.5-minute, 24000
Aerial Photo Revised 1946

1948 Source Sheets



Tustin
1948
7.5-minute, 24000
Aerial Photo Revised 1946

1942 Source Sheets



SANTA ANA
1942
15-minute, 50000

1935 Source Sheets



Tustin
1935
7.5-minute, 31680

Topo Sheet Key

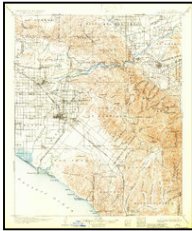
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1932 Source Sheets



Tustin
1932
7.5-minute, 31680

1902 Source Sheets



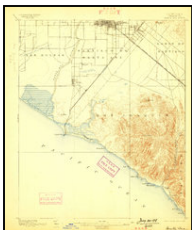
Corona
1902
30-minute, 125000

1901 Source Sheets

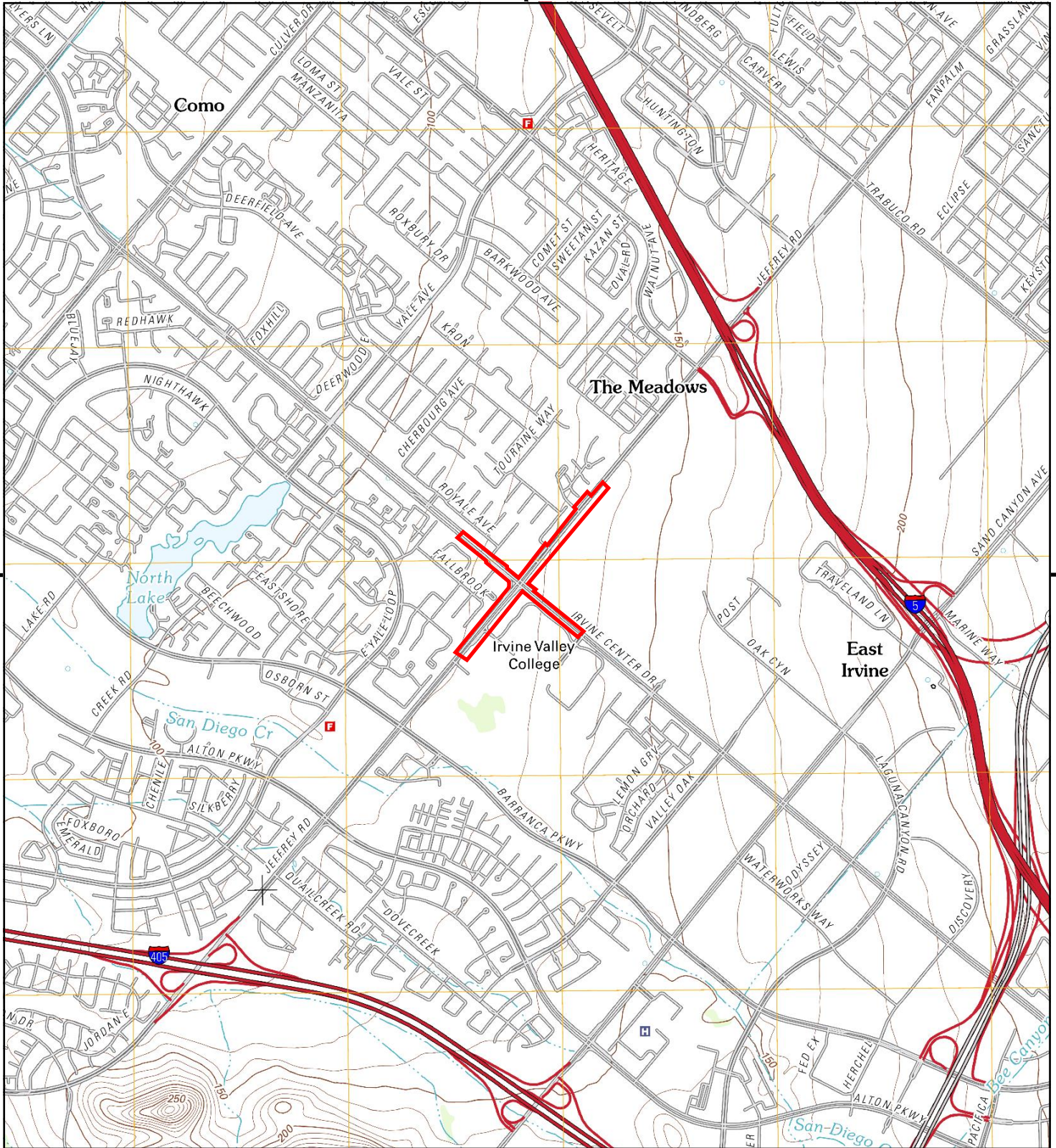


Santa Ana
1901
15-minute, 62500

1896 Source Sheets



Santa Ana
1896
15-minute, 62500



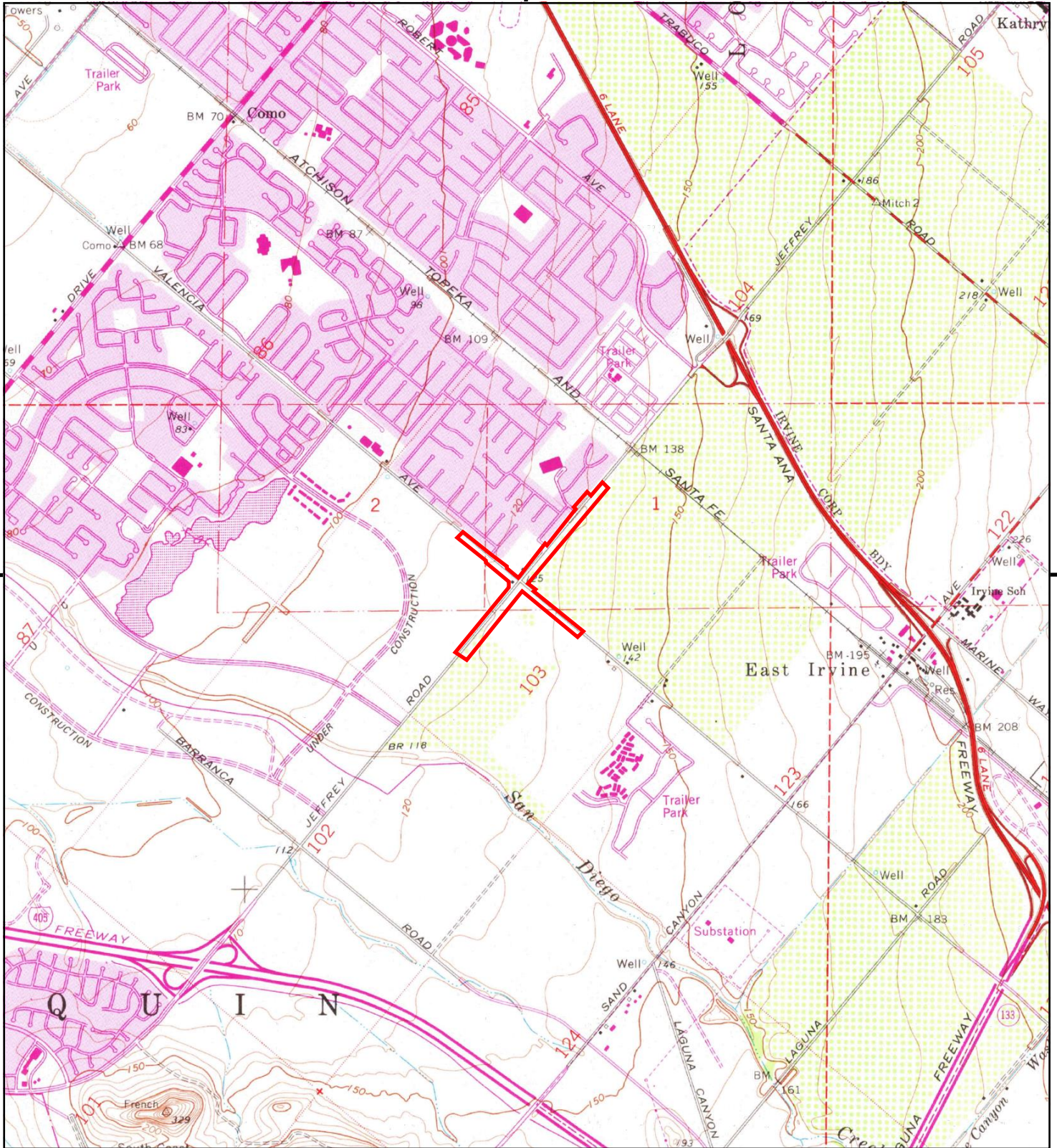
This report includes information from the following map sheet(s).



TP, Tustin, 2012, 7.5-minute

SITE NAME: Jeffrey Road/Irvine Center Drive Improve
ADDRESS: NA
 Irvine, CA 92618
CLIENT: Michael Baker International





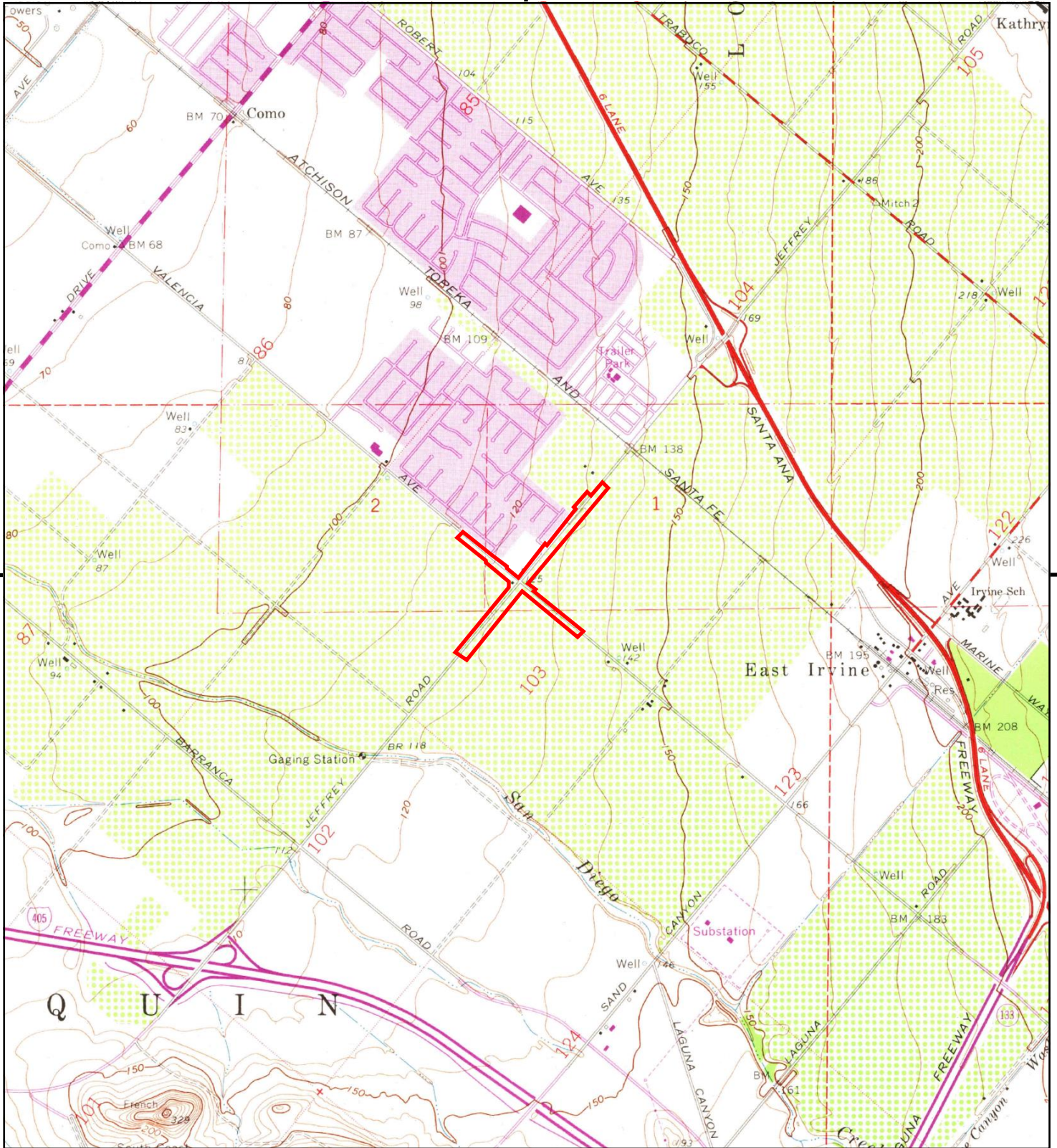
This report includes information from the following map sheet(s).



TP, Tustin, 1981, 7.5-minute

SITE NAME: Jeffrey Road/Irvine Center Drive Improve
 ADDRESS: NA
 Irvine, CA 92618
 CLIENT: Michael Baker International





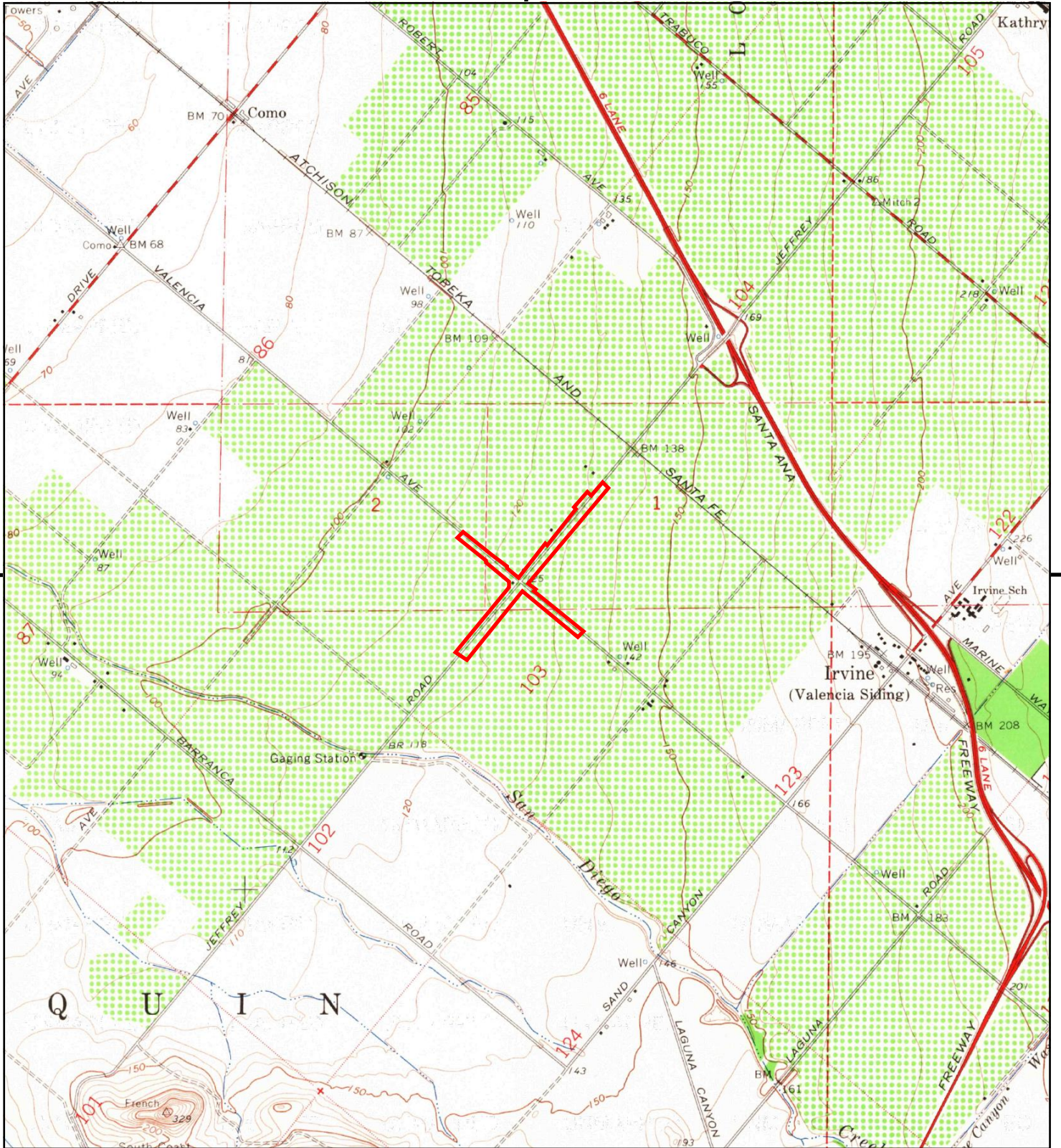
This report includes information from the following map sheet(s).



TP, Tustin, 1972, 7.5-minute

SITE NAME: Jeffrey Road/Irvine Center Drive Improve
ADDRESS: NA
Irvine, CA 92618
CLIENT: Michael Baker International





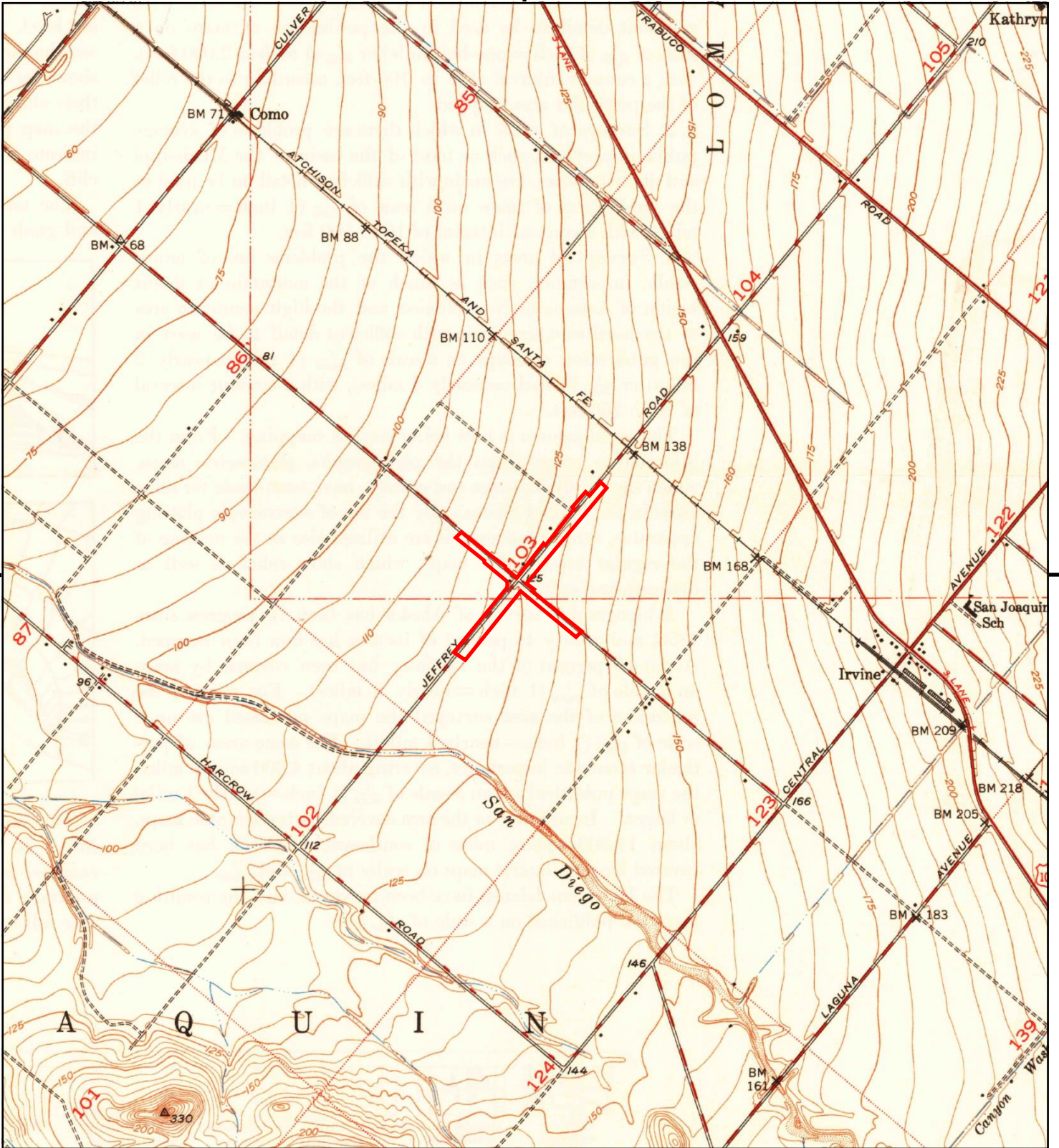
This report includes information from the following map sheet(s).



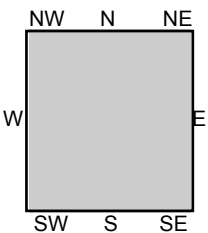
TP, Tustin, 1965, 7.5-minute

SITE NAME: Jeffrey Road/Irvine Center Drive Improve
ADDRESS: NA
Irvine, CA 92618
CLIENT: Michael Baker International





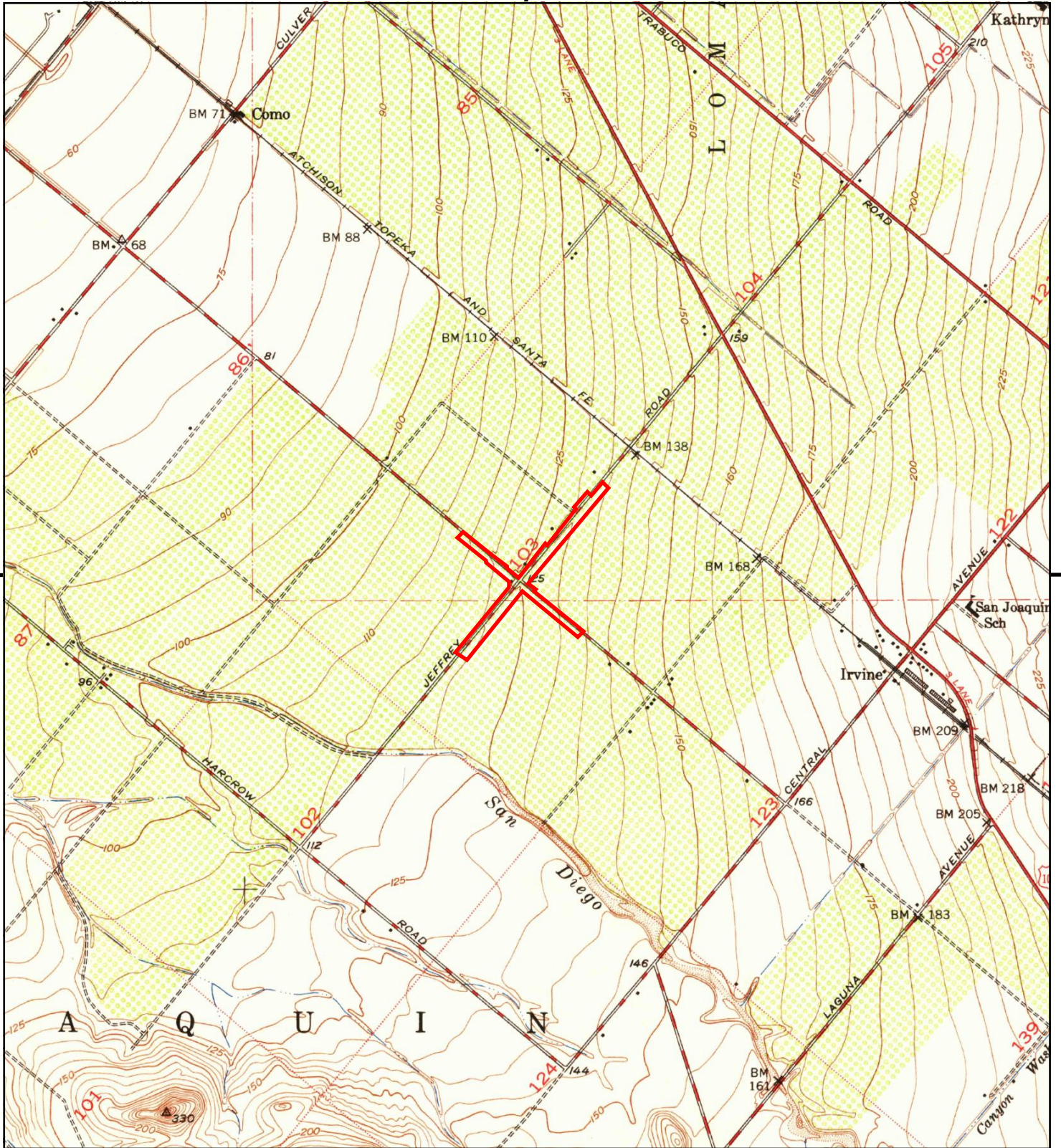
This report includes information from the following map sheet(s).



TP, Tustin, 1950, 7.5-minute

SITE NAME: Jeffrey Road/Irvine Center Drive Improve
ADDRESS: NA
Irvine, CA 92618
CLIENT: Michael Baker International





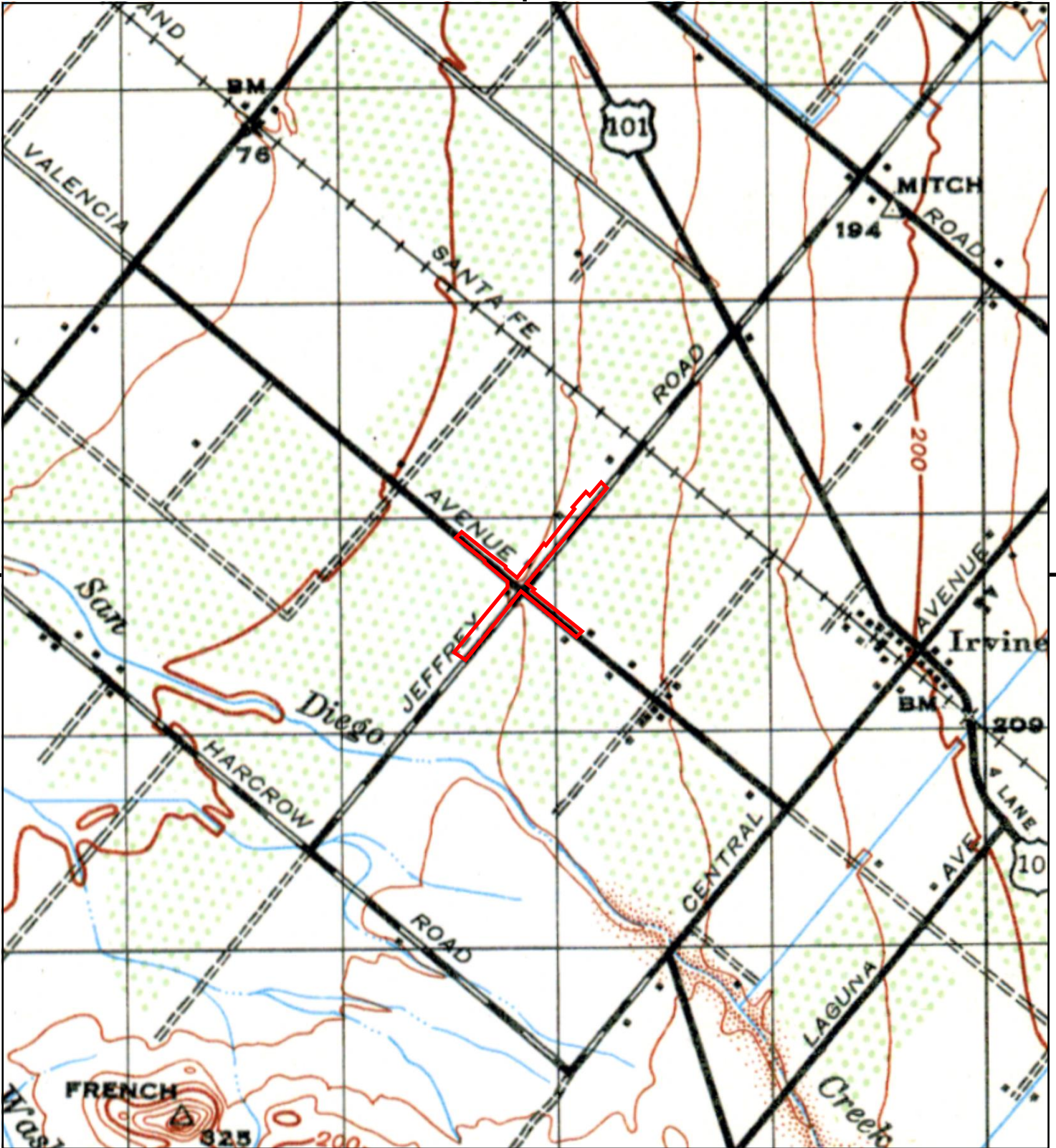
This report includes information from the following map sheet(s).



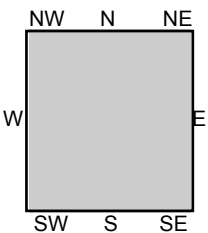
TP, Tustin, 1948, 7.5-minute

SITE NAME: Jeffrey Road/Irvine Center Drive Improve
ADDRESS: NA
Irvine, CA 92618
CLIENT: Michael Baker International





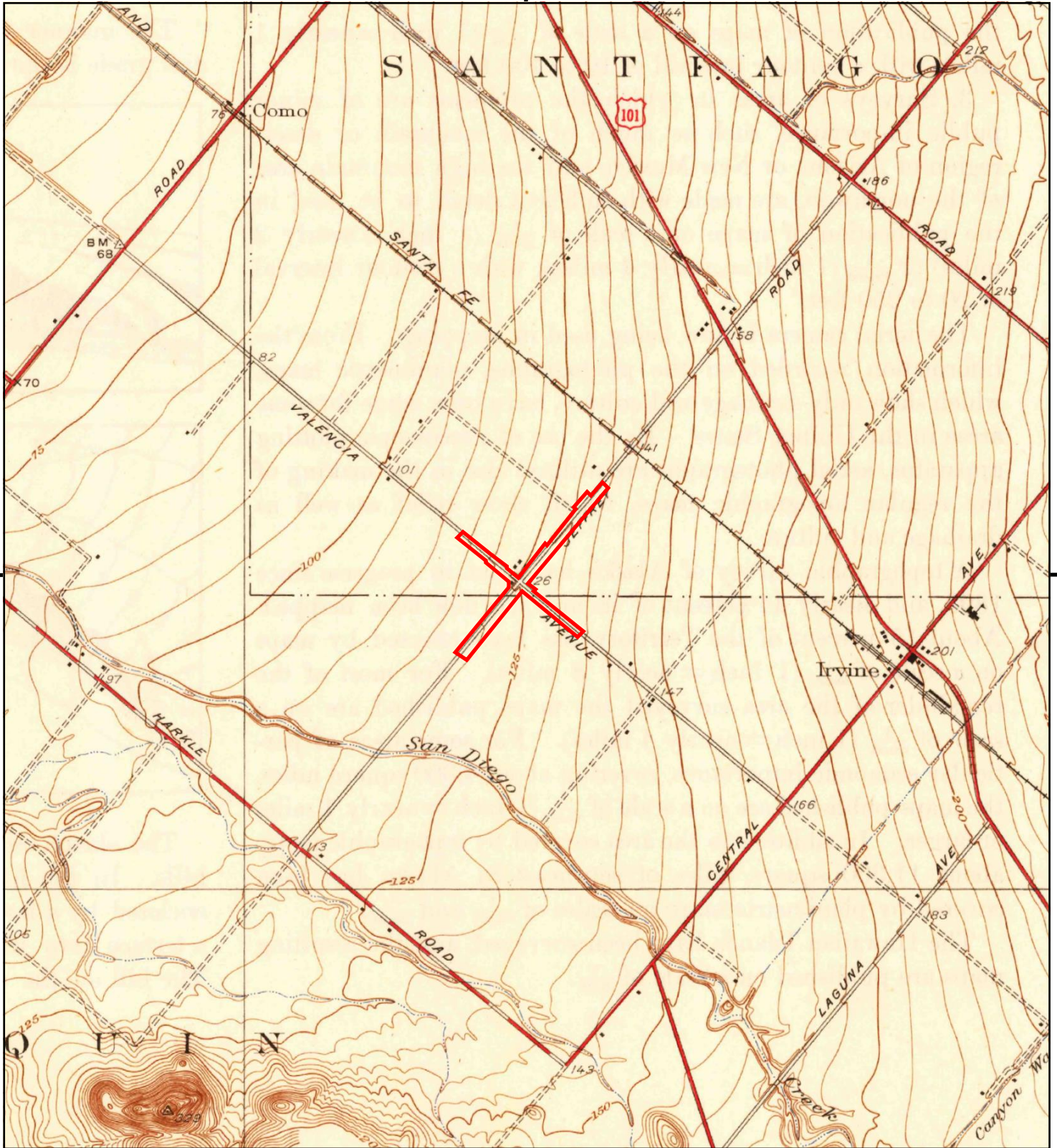
This report includes information from the following map sheet(s).

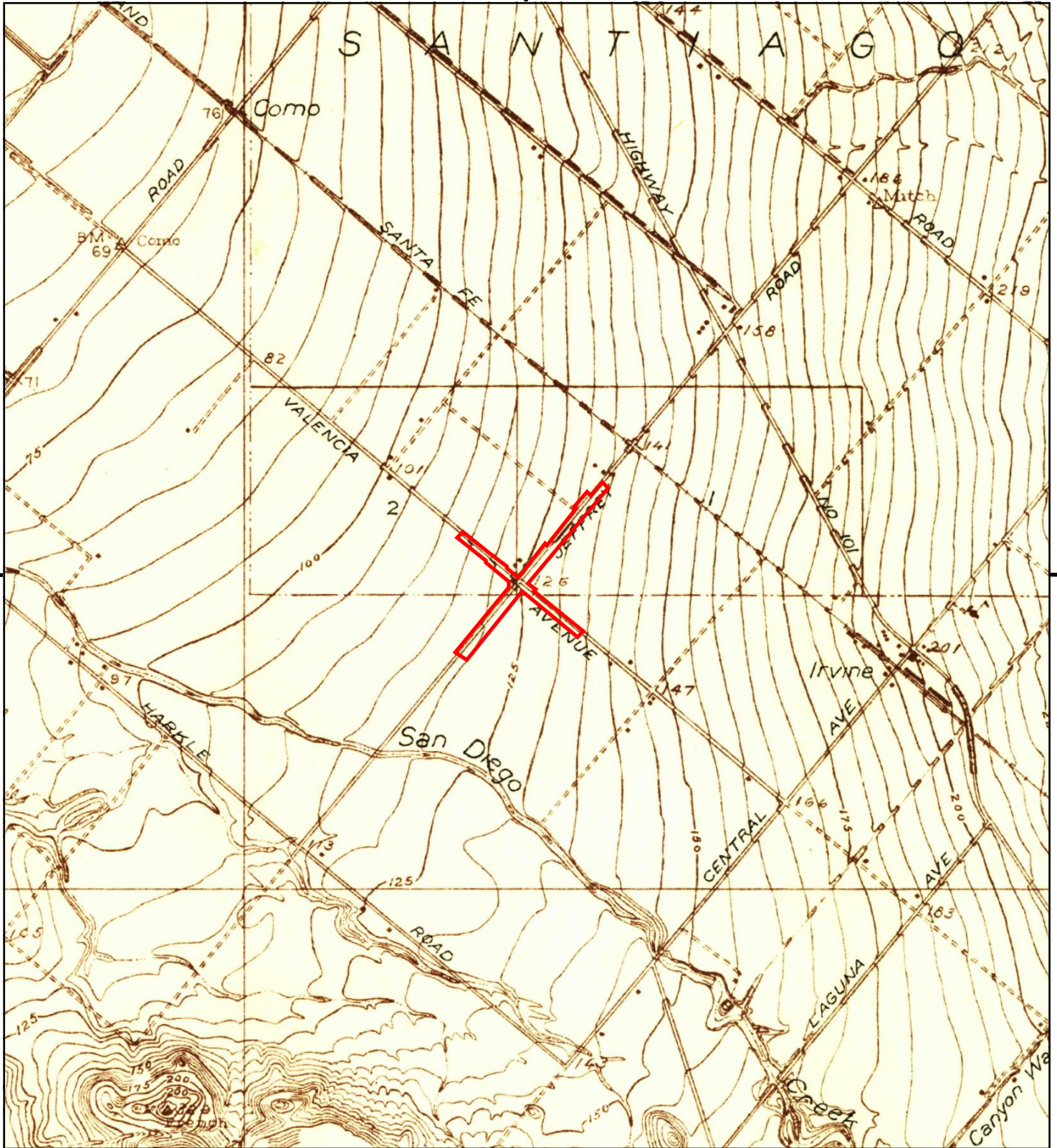


TP, SANTA ANA, 1942, 15-minute

SITE NAME: Jeffrey Road/Irvine Center Drive Improvement
 ADDRESS: NA
 Irvine, CA 92618
 CLIENT: Michael Baker International







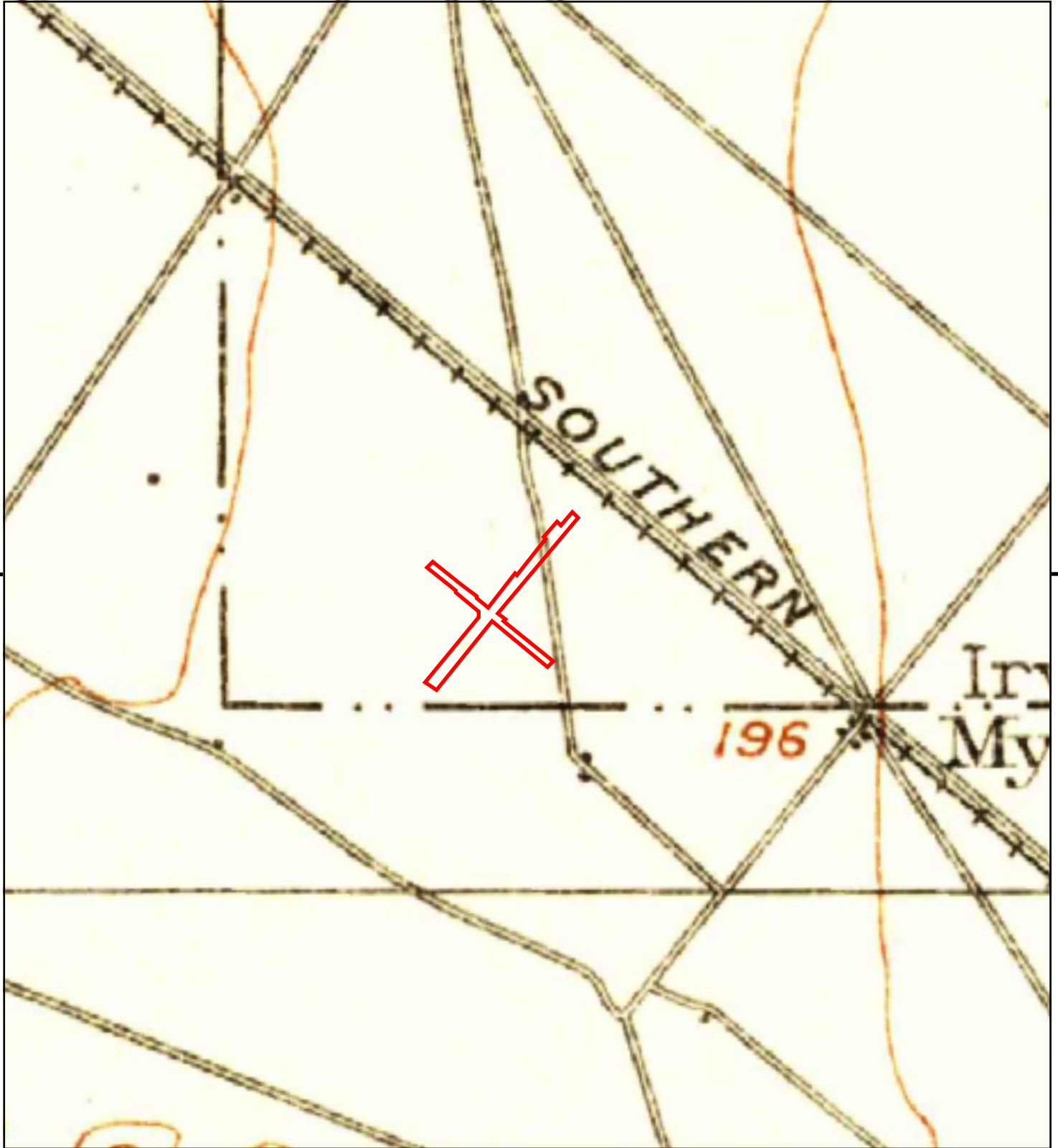
This report includes information from the following map sheet(s).



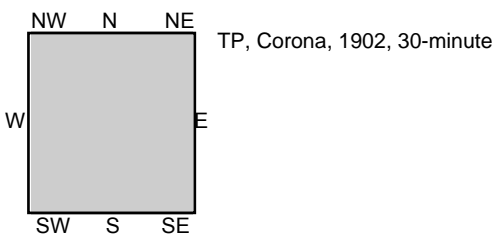
TP, Tustin, 1932, 7.5-minute

SITE NAME: Jeffrey Road/Irvine Center Drive Improvement
ADDRESS: NA
Irvine, CA 92618
CLIENT: Michael Baker International



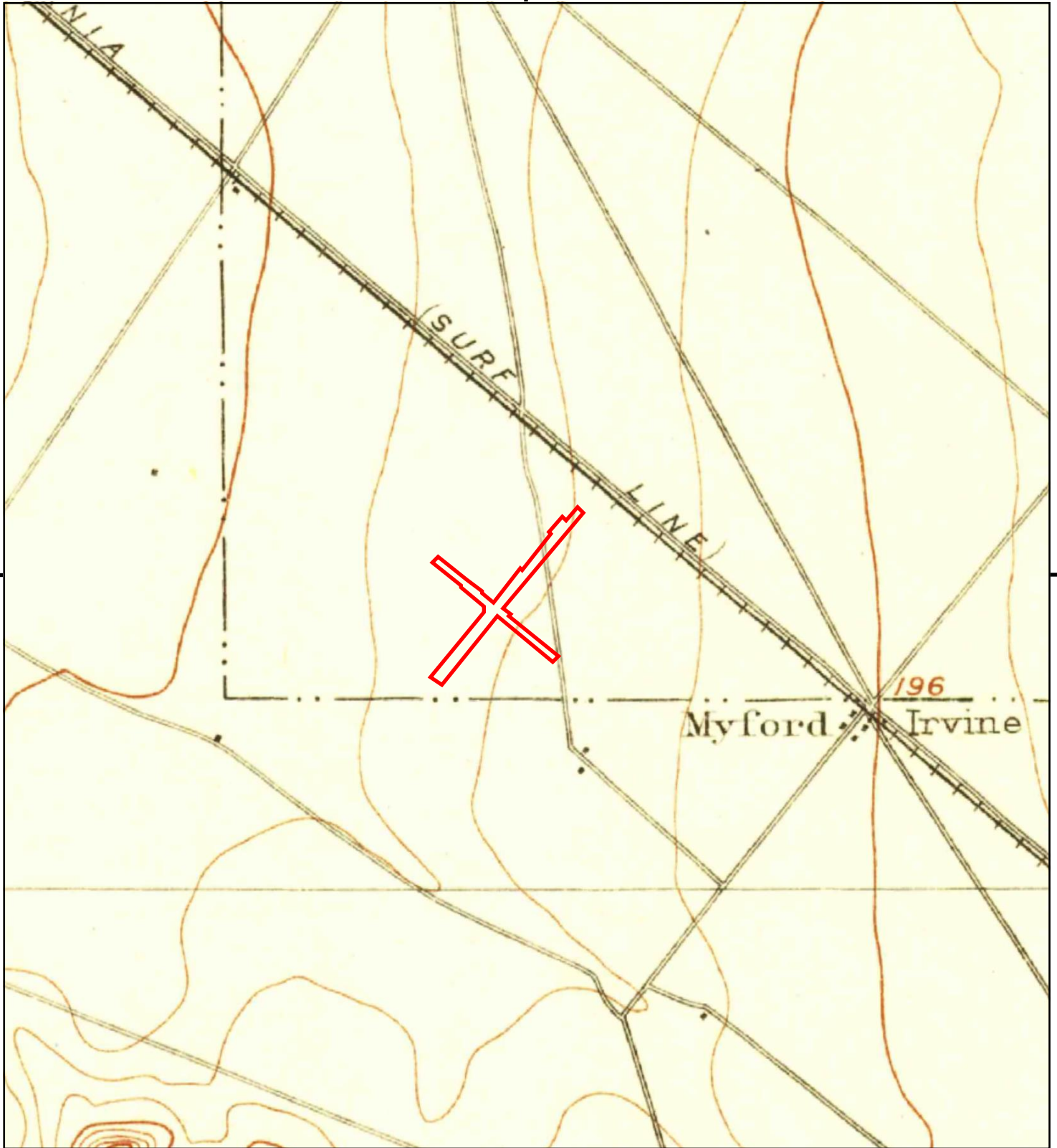


This report includes information from the following map sheet(s).



SITE NAME: Jeffrey Road/Irvine Center Drive Improvement
 ADDRESS: NA
 Irvine, CA 92618
 CLIENT: Michael Baker International





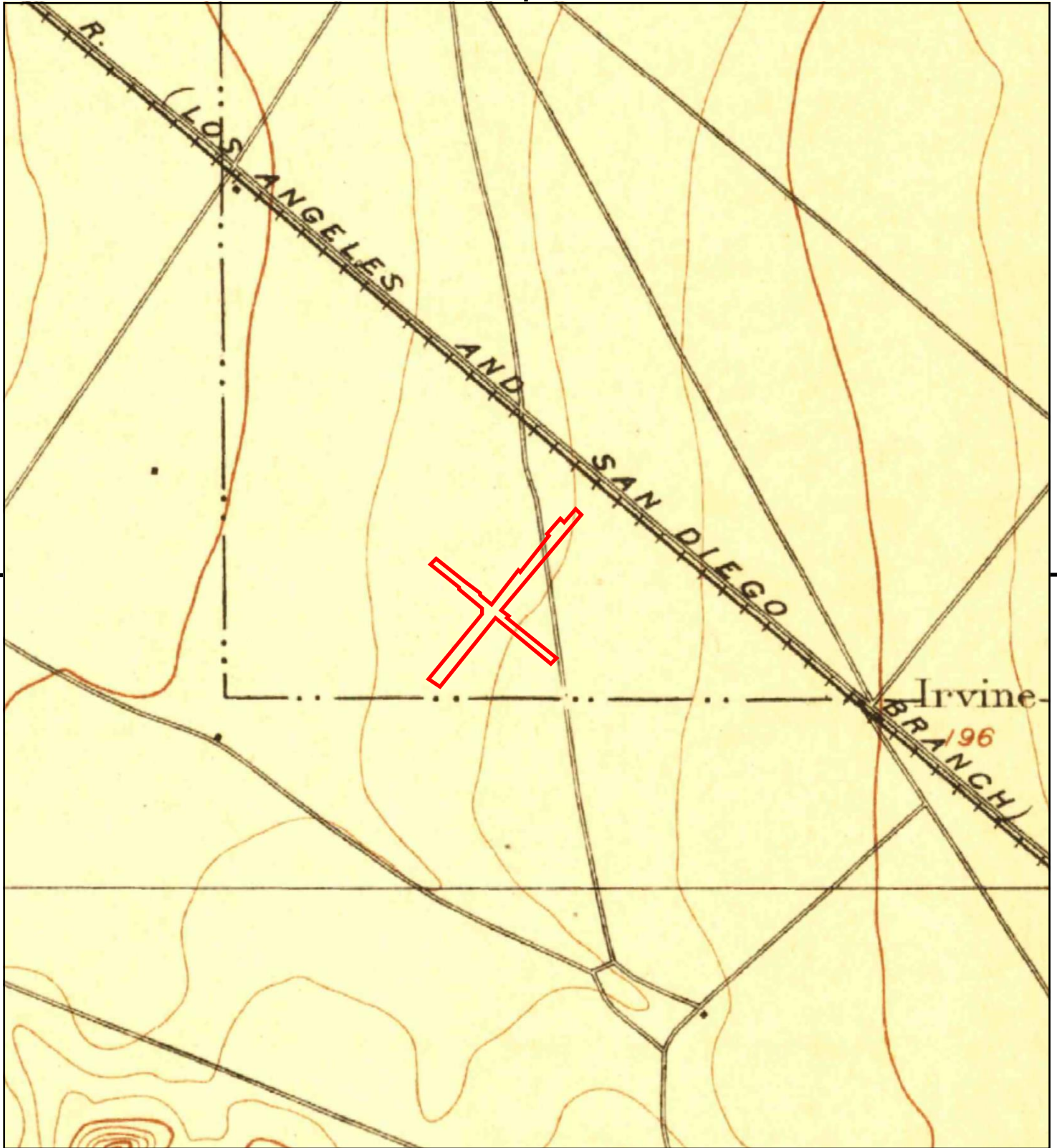
This report includes information from the following map sheet(s).



TP, Santa Ana, 1901, 15-minute

SITE NAME: Jeffrey Road/Irvine Center Drive Improvement
 ADDRESS: NA
 Irvine, CA 92618
 CLIENT: Michael Baker International





This report includes information from the following map sheet(s).



TP, Santa Ana, 1896, 15-minute

SITE NAME: Jeffrey Road/Irvine Center Drive Improvement
ADDRESS: NA
Irvine, CA 92618
CLIENT: Michael Baker International





Jeffrey Road/Irvine Center Drive Improvements

NA

Irvine, CA 92618

Inquiry Number: 5146884.3

December 28, 2017

Certified Sanborn® Map Report



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

Certified Sanborn® Map Report

12/28/17

Site Name:

Jeffrey Road/Irvine Center Driv
NA
Irvine, CA 92618
EDR Inquiry # 5146884.3

Client Name:

Michael Baker International
14725 Alton Parkway
Irvine, CA 92618
Contact: Kristen Bogue



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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 46C3-41CA-A35D

PO # 161832 Task 900-ODCs

Project Phase I ESA

UNMAPPED PROPERTY

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Sanborn® Library search results

Certification #: 46C3-41CA-A35D

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- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Jeffrey Road/Irvine Center Drive Improvements

NA

Irvine, CA 92618

Inquiry Number: 5146884.5

December 28, 2017

The EDR-City Directory Abstract



Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2014	EDR Digital Archive	-	X	X	-
2010	EDR Digital Archive	-	X	X	-
2005	EDR Digital Archive	-	X	X	-
2002	Haines Company	-	X	X	-
2001	Pacific Telephone	-	-	-	-
1997	Pacific Bell	-	-	-	-
1995	Pacific Bell	-	X	X	-
1992	Pacific Bell	-	-	-	-
1991	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1980	Pacific Telephone	-	X	X	-
1975	Luskey Brothers & Co., Inc.	-	X	X	-

EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1971	Luskey Brothers Co., Inc.	-	-	-	-
1970	General Telephone Co., of California	-	X	X	-
1966	Pacific Telephone	-	-	-	-
1965	Ross Publications, Inc.,	-	-	-	-
1961	Luskey Brothers & Co.,	-	-	-	-
1960	Unknown	-	-	-	-
1956	The Pacific Telephone and Telegraph Co.	-	-	-	-
1955	The Pacific Telephone and Telegraph Co.	-	-	-	-
1952	Luskeys Directory Service Co.	-	-	-	-
1950	West Directory Co.	-	-	-	-
1946	Southern California Telephone Co.	-	-	-	-
1945	Western Directory Co.	-	-	-	-
1941	Southern California Telephone Co.	-	-	-	-
1936	Western Directory Co.	-	-	-	-
1930	Western Directory Co.	-	-	-	-
1926	Pacific Telephone	-	-	-	-
1925	Western Directory Co.	-	-	-	-
1922	Kaasen Directory Co.	-	-	-	-
1921	Western Directory Co.	-	-	-	-
1920	Santa Ana Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

NA
Irvine, CA 92618

FINDINGS DETAIL

Target Property research detail.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

EAGLE PT

20 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	KASHANIKambiz	Haines Company
	KASHANISara	Haines Company
	SCHWARZFelix	Haines Company

21 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	PANISH Virginia	Haines Company
	PANISHJon	Haines Company

23 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	SYIMFredrc	Haines Company
	GENTRYSteven	Haines Company

24 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BROWNMMichael	Haines Company

25 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	WERKHOVENTed	Haines Company
	LISSOYEric	Haines Company

26 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	CHALANSudarshan 00 B	Haines Company

27 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	IGOLNIKOVGma	Haines Company
	IGOLNIKOVGina	Haines Company
	MCNALLY Donna	Haines Company

FINDINGS

28 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	STEPHENSJohn	Haines Company

29 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	NA 1 SMITHDesmond	Haines Company
	MORTENSON Robert	Haines Company

30 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	KAUFMANJanie	Haines Company
	LEONARD David C	Haines Company

31 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	VALENCIARalael	Haines Company
	MGMMASTERA	Haines Company

32 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	NEWTON Karen	Haines Company

33 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	POWERSTim	Haines Company

34 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	LEEJohnny	Haines Company
	WAGONER Enlk	Haines Company

35 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BAUMAN Frank	Haines Company

36 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	OTOREARamon	Haines Company
	MARTINEZOo Ily	Haines Company

FINDINGS

37 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	SHOFFMANPaul	Haines Company

40 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	VALENCIAArwa	Haines Company

41 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	MALERBIJoao	Haines Company
	OCELLER Cynthia	Haines Company
	MALERBIJoao	Haines Company

42 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	EVANSKim	Haines Company

43 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	HALLBrent	Haines Company

44 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BAYAAJumana	Haines Company

45 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	OSILVA William	Haines Company

46 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	OQLEP	Haines Company

47 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	JHEEA	Haines Company
	MCCARTHY Bonnie	Haines Company

48 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	HALLTodd	Haines Company

FINDINGS

49 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	HANS 9 ERGE RDouglas	Haines Company

50 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	MASHNOUNKZrad 00 B	Haines Company

51 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	OPARKJae	Haines Company

52 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	GARCIAJesse	Haines Company
	OGARCIAMarha	Haines Company

Eagle Pt

53 Eagle Pt

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	BMC COMPUTER SUPPLIES	EDR Digital Archive
2010	BMC COMPUTER SUPPLIES	EDR Digital Archive
2005	BMC COMPUTER SUPPLIES	EDR Digital Archive

EAGLE PT

53 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	HUNG Luke	Haines Company
	CHANPANICH Patl	Haines Company
	CHANPANICHChardene	Haines Company

Eagle Pt

54 Eagle Pt

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	LLOYD REAL PROPERTY DEVELOPMEN	EDR Digital Archive
2010	LLOYD REAL PROPERTY DEVELOPMEN	EDR Digital Archive
	ERIC ANTONIO MQUILING PRIVATE	EDR Digital Archive

FINDINGS

EAGLE PT

54 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	LLOYD David	Haines Company

56 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	PICHON Expedto	Haines Company

58 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	MASSIHNIASharareh	Haines Company

60 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	MANUBeasie	Haines Company

62 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	CRUZJorge	Haines Company

64 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	OAVALOSMana	Haines Company
	BEEBETodd	Haines Company

66 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BENNETT Nathan M	Haines Company
	TANIKAWARoy	Haines Company

68 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	WONGTuck	Haines Company

70 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	KYUNGSEENKim	Haines Company

FINDINGS

72 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	ALEXANDERPaul	Haines Company

76 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	SOSTROVAenca	Haines Company

78 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BROWNINGJean	Haines Company

80 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	GI HCAUlpia	Haines Company

82 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	GRABEMEYEEk Ion	Haines Company
	GRABEMEYEREklan	Haines Company

84 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	LIEUTG	Haines Company
	LIEUTuan	Haines Company
	PENGOMani	Haines Company

86 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BOLANOSB	Haines Company

Eagle Pt

88 Eagle Pt

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CALIFORNIA CENTURY INSURANCE	EDR Digital Archive
2010	CALIFORNIA CENTURY INSURANCE	EDR Digital Archive
2005	CALIFORNIA CENTURY INSURANCE	EDR Digital Archive

FINDINGS

EAGLE PT

88 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	Pf ERERAJoseph Rex	Haines Company
	WILLIAMSJames	Haines Company

90 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BILYEUVickl	Haines Company

94 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	TIERNEY Pamela	Haines Company

96 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BAUERCarl 00 B LAVEBYTim	Haines Company

98 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	SCIUETZPatncia	Haines Company

Eagle Pt

100 Eagle Pt

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	CANNON MONTORING SERVICES	EDR Digital Archive

EAGLE PT

100 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	HWANGShm	Haines Company

102 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BREWERLany	Haines Company
	VAN Ooslrom Eselle	Haines Company
	VANOOSTROMJerry	Haines Company

FINDINGS

104 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	CHOt Brian	Haines Company

106 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	CHUNGTe	Haines Company

108 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	PRESCOTF Louse	Haines Company

110 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	MONTOYAMiguel	Haines Company

112 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	PATELBhupendra	Haines Company

Eagle Pt

114 Eagle Pt

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	ALBERT LIU	EDR Digital Archive

EAGLE PT

114 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	LUOAlbert	Haines Company

Eagle Pt

116 Eagle Pt

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	LAW OFFICES ELIZABETH JONES	EDR Digital Archive

FINDINGS

EAGLE PT

116 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	OCONEILLDenn OM	Haines Company

162 EAGLE PT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines Company

EAGLE ST

4 EAGLE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Health Center Student Clinic	Pacific Telephone
	Taped Health Messages	Pacific Telephone
	Housing Office	Pacific Telephone
	CON TIN UE D N E CT COLt ij	Pacific Telephone
	Mesa Court	Pacific Telephone

EAGLEPOINT

100 EAGLEPOINT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Cannon Charles & Sue	Pacific Bell
1991	Hagenburg Keenan	Pacific Bell
	Hagenburg Keenan	Pacific Bell
1986	Gill Robert A	Pacific Bell

102 EAGLEPOINT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Van Oostrom Jerry & Estelle	Pacific Bell
1991	Van Oostrom Jerry & Estelle	Pacific Bell
1980	Van Oostrom Jerry & Estelle	Pacific Telephone

104 EAGLEPOINT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Gregory Dave	Pacific Bell
	Gregory David @Laguna Beach@	Pacific Bell
1986	Johnson Warren N	Pacific Bell
1980	Koeff Mark & Janet	Pacific Telephone

FINDINGS

106 EAGLEPOINT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Glavlnos E	Pacific Bell

108 EAGLEPOINT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Chen Rachel	Pacific Bell
1980	Uohir HUrt	Pacific Telephone

110 EAGLEPOINT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Grayson Gary S	Pacific Bell

FALLBROOK

17 FALLBROOK

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Poulos Judith	Pacific Bell

18 FALLBROOK

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Yu Bobby	Pacific Bell

30 FALLBROOK

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Emam I Ozra	Pacific Bell

32 FALLBROOK

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Stezaker F MCty 8958542	Pacific Bell
	Stez George	Pacific Bell

Fallbrook

44 Fallbrook

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	GAMESYNERGIES INC	EDR Digital Archive

50 Fallbrook

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	CAROL KRIKORIAN	EDR Digital Archive

FINDINGS

FALLBROOK DR

17 FALLBROOK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	CHOI Kyoo Duk	Haines Company
	KIMIn SSo	Haines Company
	REDDYMalla	Haines Company
	KIMIn Soo	Haines Company

18 FALLBROOK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Yu Bobby	Pacific Bell
1980	Pearce R J	Pacific Telephone
	Pearce Robt J	Pacific Telephone

30 FALLBROOK DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	EMAMIOzr	Haines Company
1986	Hubbell Keith & Linda	Pacific Bell
1980	Hubbell Keith & Linda	Pacific Telephone

Irvine Center Dr

5500 Irvine Center Dr

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	FOLLETT HGER EDCATN GROUP INC	EDR Digital Archive
	YOUNG FELICIA Y DO	EDR Digital Archive
	SOUTH ORANGE COUNTY COMMUNITY	EDR Digital Archive
	S&B FOODS A PARTNERSHIP	EDR Digital Archive
	KAPLAN INTERNATIONAL CENTER	EDR Digital Archive
	AMERICAN CRIMINAL JUSTICE ASSC	EDR Digital Archive
	FOOD SYSTEMS INCORPORATED	EDR Digital Archive
	SOUTH ORANGE COUNTY COMMUNITY	EDR Digital Archive
	ADVENTURE WOMENS BOOT CAMP	EDR Digital Archive
2010	FOOD SYSTEMS INCORPORATED	EDR Digital Archive
	SOUTH ORANGE COUNTY COMMUNITY	EDR Digital Archive
	AMERICAN CRIMINAL JUSTICE ASSC	EDR Digital Archive
	KAPLAN INTERNATIONAL	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	SOUTH ORANGE COUNTY COMMUNITY	EDR Digital Archive
	S&B FOODS A PARTNERSHIP	EDR Digital Archive
	HONORS TRANSFER COUNCIL CAL	EDR Digital Archive
	FOLLETT HIGHER EDUCATION GROUP INC	EDR Digital Archive
2005	FOLLETT HIGHER EDUCATION GROUP	EDR Digital Archive
	SOUTH ORANGE COUNTY	EDR Digital Archive
	FOOD SYSTEMS INCORPORATED	EDR Digital Archive
	KAPLAN INTERNATIONAL	EDR Digital Archive

IRVINE CENTER DR

5500 IRVINE CENTER DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	FOODSYSTEMSINC	Haines Company
	IRVINEVLYCLG	Haines Company
	IRVINE VLYCLG	Haines Company
	BOOKSTORE IRVINEVLYCLG CHILD	Haines Company
	KAPLANLCP	Haines Company
	INTERNATLINST	Haines Company
1995	Irvine Valley College Bookstore	Pacific Bell
	L C P International Institute	Pacific Bell
	Laser Cafeteria	Pacific Bell
1991	IRVINE VALLEY COLLEGE	Pacific Bell
	Irvine Valley College Bookstore	Pacific Bell
	LCP Internat I Institute	Pacific Bell
1986	IRVIN E VALLE Y COLLE GE	Pacific Bell
	Irvine Valley College	Pacific Bell
	Greg Foods Service	Pacific Bell
1980	Occupational Programs	Pacific Telephone
	Social Science Division	Pacific Telephone
	Campus	Pacific Telephone
	North Campus	Pacific Telephone
	Special Services Handicapped	Pacific Telephone
	Student Affairs Office	Pacific Telephone
	Student Health Center	Pacific Telephone
	Student Services Off ice Of The Dean	Pacific Telephone
	Theatre Tickets Box Office	Pacific Telephone
	Veterans Affairs	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Womens Center	Pacific Telephone
	Work Experience	Pacific Telephone
	For Departments Not Listed Above Call	Pacific Telephone
	Administration	Pacific Telephone
	Community Services	Pacific Telephone
	Saddleback College North Campus	Pacific Telephone
	Saddleback Community College District	Pacific Telephone

5510 IRVINE CENTER DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	CHLDHD ED	Haines Company
	MONTSSRIINTL EARLY	Haines Company

JEFFREY DR

15395 JEFFREY DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Clavel Guillermo	Pacific Bell

15415 JEFFREY DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	IRVINE FAMILY D	Haines Company
	HOUSEOFFLOWERS	Haines Company
	CLEANERS GENKAI BUSINESS	Haines Company
	DRIVETHRU	Haines Company
	0 HUNGDDS	Haines Company
	CARE IRVINETEACHERS	Haines Company
	SUPPLY IRVINETEA	Haines Company
	CENTER JEI MATHCENTER	Haines Company
	LEPAPILLON	Haines Company
	TAILORING 8 ALTRTNS	Haines Company
	SUPPLY IRVINE VILLAGE	Haines Company

15435 JEFFREY DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	REINHARTTHEAPHD	Haines Company
	RUSICKBOB	Haines Company
	SHAKIBMAMAKDC	Haines Company
	STATE FARM INS AGNT	Haines Company
	SUPREMEFITNESS	Haines Company

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	TRAINING CNTR UCHIZONORODGERK	Haines Company
	DDS UROEOT CARE FAMILY	Haines Company
	MEDICINE VERASESCROW	Haines Company
	SERVICE INC	Haines Company
	BUILDING ADD TREATMENT	Haines Company
	CENTERS ASIANSOULMATES	Haines Company
	SEARCH CAL DENTAL GROUP	Haines Company
	CHRISTIANS CONCH	Haines Company
	CLAY OVEN CUISINE	Haines Company
	COCKS STEV	Haines Company
	DANCEWEARETC	Haines Company
	DOUBLETIME	Haines Company
	FAMILY HAIR STUDIO	Haines Company
	OF IRVINE ELDVICTORM DDS	Haines Company
	FELDMORRISONDDS	Haines Company
	GEN KAI JAPANESE	Haines Company
	REST IRVINE HANU REDDY R	Haines Company
	IRVINE ACDM OF	Haines Company
	PERFORMING ARTS IRVINE CAMER	Haines Company
	IRVINE DANCE ACOMY	Haines Company
	IRVINE FAMILY	Haines Company
	CHIROPRACTIC IRVINE MARTIAL ARTS	Haines Company
	IRVINE VLG URGENT	Haines Company
	CAREMDCLNC JERRY G SALON	Haines Company
	KIDS ARE PEOPLE	Haines Company
	PHAMDZUNGDO	Haines Company

15436 JEFFREY DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	XXXX	Haines Company

15455 JEFFREY DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	PUBLISHING	Haines Company
	COFFEEUTEA	Haines Company
	ZANZIBAR	Haines Company
	THAISPICE	Haines Company
	PLAYFULPARENTING	Haines Company

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	LOVELY NAILS BOUTO	Haines Company
	KINKOS DIGITAL	Haines Company
	FNEARTSC KIDSGYM	Haines Company
	ABSOLUTELYARTKIDS	Haines Company

15475 JEFFREY DR

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	PEOPLES BANK OF CA	Haines Company

Jeffrey Rd

15415 Jeffrey Rd

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	DRIVE THRU CLEANERS	EDR Digital Archive
	TWIN BRIDGE TRAVEL & SERVICE	EDR Digital Archive
	IRVINE SCHOOL OF MUSIC	EDR Digital Archive
	IRVINE TEACHERS SUP CHLD BKSTR	EDR Digital Archive
	KWC KNOWLEDGE WORKER INC	EDR Digital Archive
	1ST PLACE INSURANCE	EDR Digital Archive
	HUNG X DO DDS PC	EDR Digital Archive
	DO HUNG XVAN DDS	EDR Digital Archive
	TRAN LINH	EDR Digital Archive
	Y2I VENTURES INC	EDR Digital Archive
	SUBWAY	EDR Digital Archive
2010	Y2I VENTURES INC	EDR Digital Archive
	KINDERMUSIK	EDR Digital Archive
	COWABUNGA ED INC	EDR Digital Archive
	TRAN LINH	EDR Digital Archive
	HUNG X DO DDS PC	EDR Digital Archive
	DO HUNG XVAN DDS	EDR Digital Archive
	KWC KNOWLEDGE WORKER INC	EDR Digital Archive
	IRVINE TEACHERS SUP CHLD BKSTR	EDR Digital Archive
	CAL AMERICA EDUCATION INST	EDR Digital Archive
	JEI MATH CTR	EDR Digital Archive
	CHOE SOPHIA	EDR Digital Archive
	TWIN BRIDGE TRAVEL & SERVICE	EDR Digital Archive
	LA PAPIYON TAILORING	EDR Digital Archive
	DRIVE THRU CLEANERS	EDR Digital Archive
	NATURESTECH INTL DISTRIBUTORS	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	DRIVE THRU CLEANERS	EDR Digital Archive
	LA PAPIYON TAILORING	EDR Digital Archive
	DOMINGO VOLTAIRE	EDR Digital Archive
	JEI MATH CENTER	EDR Digital Archive
	YOON SAE HEE	EDR Digital Archive
	HOUSE OF FLOWERS LLC	EDR Digital Archive
	IRVINE TEACHERS SUP CHLD BKSTR	EDR Digital Archive
	CVISION COMPUTER & WIRELESS	EDR Digital Archive
	NADINE R HEIDEMAN THERAPY SERV	EDR Digital Archive
	HUNG XVAN DO DDS	EDR Digital Archive
	TRAN LINH	EDR Digital Archive
	GENKAI BUSINESS	EDR Digital Archive
	AFL TRUST	EDR Digital Archive
	CHOE SOPHIA	EDR Digital Archive

JEFFREY RD

15415 JEFFREY RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	TCAult Education	Pacific Bell
	Barrera Dianelno	Pacific Bell
	Domingo Voltaire ins	Pacific Bell
	FARMERS INSURANCE GROUP	Pacific Bell
	Future Kids Of Irvine	Pacific Bell
	Futurekids Of Irvine	Pacific Bell
	Green Market	Pacific Bell
	Pool Norman EA Triple Check	Pacific Bell
	Rezvani Maryam ins	Pacific Bell
	Royal Alliance Associates Inc	Pacific Bell
	Triple Check	Pacific Bell
	Williams Steveln	Pacific Bell
1991	Futurekids Of Irvine	Pacific Bell
	Williams Steve Ins	Pacific Bell
	Shook Myrtle Tibbetg	Pacific Bell
	Shook Michael Ins	Pacific Bell
	Passano Andy & Rocki	Pacific Bell
	Passannante Mary Ins	Pacific Bell
	Monroe Vickie ins	Pacific Bell
	Miske Bob ins	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Lundberg Jon W	Pacific Bell
	Lundberg Jon ins	Pacific Bell
	Lets Party	Pacific Bell
	Hume Brad ins	Pacific Bell
	Germon Robert ins	Pacific Bell
	D P L Associates Inc	Pacific Bell
	Cosmos Realty Co	Pacific Bell
	Connors Joe ins	Pacific Bell
	Brown Bill & Linda @Huntington Beach@	Pacific Bell
	Armstrong Lewis ins	Pacific Bell
	Brown Bill ins	Pacific Bell

Jeffrey Rd

15435 Jeffrey Rd

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ANKO HSIAO DDS INC	EDR Digital Archive
	LYNN K AT HEAVEN DAY SPA AND S	EDR Digital Archive
	HEAVEN SPA SALON	EDR Digital Archive
	ROSIO AT HEAVEN SPA SALON	EDR Digital Archive
	PAK ROSEMARY	EDR Digital Archive
	SOHEILA HAIR AT HEAVEN	EDR Digital Archive
	A PLUS COLLEGE TEXT BOOKS INC	EDR Digital Archive
	KOS CAFE	EDR Digital Archive
	RCY SKY	EDR Digital Archive
	MATHNASIUM OF WOODBRIDGE	EDR Digital Archive
	MIYABI SHABU SHABU & GRILL	EDR Digital Archive
	FOUR SEA RESTAURANT	EDR Digital Archive
	LIS KITE	EDR Digital Archive
	PJ OF SOUTHERN CALIFORNIA LP	EDR Digital Archive
	REFINERY SALON	EDR Digital Archive
	IRVINE VALLEY ANIMAL HOSPITAL	EDR Digital Archive
	UCHIZONO RODGER K DDS INC	EDR Digital Archive
	CLAY OVEN INC	EDR Digital Archive
	TRADITIONAL STUDIOS INC	EDR Digital Archive
	KIMS AT A BLACKBELT ACADEMY	EDR Digital Archive
	JY AND JA INVESTMENT LLC	EDR Digital Archive
	I-TEA CAFE	EDR Digital Archive
	THREE LITTLE CHEFS LLC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SUPREME FITNESS TRAINING CTR	EDR Digital Archive
	ANDALEX CORP	EDR Digital Archive
	PHAM DZUNG ANH	EDR Digital Archive
	VISION TOUR AND LIMO INC	EDR Digital Archive
	SILGUERO OSCAR J	EDR Digital Archive
2010	VISION TOUR AND LIMO INC	EDR Digital Archive
	MBZ CREDIT CORP	EDR Digital Archive
	OSCAR J SILGUERO	EDR Digital Archive
	PHAM DZUNG	EDR Digital Archive
	SANDBAR EQUITY LLC	EDR Digital Archive
	MERCY LLC	EDR Digital Archive
	ANDALEX CORP	EDR Digital Archive
	SUPREME FITNESS TRAINING CTR	EDR Digital Archive
	GREENS CAFE	EDR Digital Archive
	SUSHILICIOUS	EDR Digital Archive
	TRADITIONAL STUDIOS INC	EDR Digital Archive
	KIMS AT A BLACKBELT ACADEMY	EDR Digital Archive
	CLAY OVEN INC	EDR Digital Archive
	UCHIZONO RODGER K DDS INC	EDR Digital Archive
	IRVINE VALLEY ANIMAL HOSPITAL	EDR Digital Archive
	IRVINE ACADEMY PERFORMING ARTS	EDR Digital Archive
	SEZ HAIR SALON	EDR Digital Archive
	SOHEILA HAIR AT HEAVEN	EDR Digital Archive
	DICKEYS CATERING	EDR Digital Archive
	SADDLEBACK BBQ LLC	EDR Digital Archive
	WILKINSON LISA	EDR Digital Archive
	WEST COAST MUSICAL THEATRE CO	EDR Digital Archive
	HEH SHIN INC	EDR Digital Archive
	GENE TECH INTERNATIONAL LLC	EDR Digital Archive
	A PLUS COLLEGE TEXT BOOKS INC	EDR Digital Archive
	HEAVEN SPA SALON	EDR Digital Archive
	ROSIO AT HEAVEN SPA SALON	EDR Digital Archive
	NEHF PAULETTE HAIR STYLIST	EDR Digital Archive
	LYNN K AT HEAVEN DAY SPA AND S	EDR Digital Archive
	ANKO HSIAO DDS	EDR Digital Archive
	SALON TM2	EDR Digital Archive
	FAMILY HAIR STUDIO OF IRVINE	EDR Digital Archive
	IRVINE FAMILY CHIROPRACTIC	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2005	IRVINE FAMILY CHIROPRACTIC	EDR Digital Archive
	HARBOR PHOTO INC	EDR Digital Archive
	HARBOR PHOTO INC	EDR Digital Archive
	FAMILY HAIR STUDIO OF IRVINE	EDR Digital Archive
	SALON TM2	EDR Digital Archive
	ANKO HSIAO DDS	EDR Digital Archive
	CURVES INTERNATIONAL INC	EDR Digital Archive
	PAXTON JENNY AT HEAVEN DAY SP	EDR Digital Archive
	IVY SKIN CARE	EDR Digital Archive
	NEHF PAULETTE HAIR STYLIST	EDR Digital Archive
	HELP U SELL IRVINE PROPERTY	EDR Digital Archive
	WEST COAST MUSICAL THEATRE CO	EDR Digital Archive
	LYNN K AT HEAVEN DAY SPA AND S	EDR Digital Archive
	NANCY KAY INC	EDR Digital Archive
	IRVINE ACADEMY PERFORMING ARTS	EDR Digital Archive
	CHRISTIAN SCIENCE CHURCH	EDR Digital Archive
	UCHIZONO RODGER K DDS INC	EDR Digital Archive
	CLAY OVEN INC	EDR Digital Archive
	KIMS A T A BLACKBELT ACADEMY	EDR Digital Archive
	GENKAI JAPANESE RESTAURANT	EDR Digital Archive
	RUSICK BOB INSURANCE	EDR Digital Archive
	SUPREME FITNESS TRAINING CTR	EDR Digital Archive
	ASIAN SOUL MATES SEARCH	EDR Digital Archive
	ANDALEX CORP	EDR Digital Archive
	PHAM DZUNG	EDR Digital Archive
	C D M INTERNATIONAL	EDR Digital Archive
	OSCAR J SILGUERO	EDR Digital Archive
	EXCEPTIONAL DENTISTRY	EDR Digital Archive

JEFFREY RD

15435 JEFFREY RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	All In One Travel	Pacific Bell
	CHRISTIAN SCIENCE CHURCHES & READING ROOMS Anaheim	Pacific Bell
	Reading Room	Pacific Bell
	Clay Oven Cuisine Of India	Pacific Bell
	Cocks Steven Md C	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	De Lozier Pauline Ph D	Pacific Bell
	Doubletime Pizza	Pacific Bell
	Feld & Morrison DDS	Pacific Bell
	FELD VICTOR MDDS	Pacific Bell
	Fibel Yvette MACCC	Pacific Bell
	Green J Timothy Ph D	Pacific Bell
	Hanu Reddy Realty	Pacific Bell
	Irvine Academy Of Performing Arts	Pacific Bell
	Irvine Dance Academy	Pacific Bell
	Irvine Family Chiropractic	Pacific Bell
	Irvine Martial Arts Academy	Pacific Bell
	Jerry GSalon	Pacific Bell
	Kids Are People Too	Pacific Bell
	Lets Party	Pacific Bell
	Paulauskts Vicki Ph D m FCC	Pacific Bell
	Reinhart Thea Ph D	Pacific Bell
	Shakib Mamak d C	Pacific Bell
	STATE FARM INSURANCE COMPANIES Contd Agents Contd Irvine Contd	Pacific Bell
	Uchizono Rodger K DDS	Pacific Bell
	Uo Ki Sush I Japanese Restaurant	Pacific Bell
1991	Advanced Dermatologic Plastic Surgery	Pacific Bell
	All In One Travel	Pacific Bell
	Ana Easterlin Esthetics	Pacific Bell
	Annobile Enterprises Inc	Pacific Bell
	Antones Italian Marketplace	Pacific Bell
	Antones Italian Marketplace	Pacific Bell
	Berg Carol A DDS	Pacific Bell
	Berg Carol A DDS	Pacific Bell
	Reading Room	Pacific Bell
	Clay Oven Cuisine Of India	Pacific Bell
	College Bound Inc	Pacific Bell
	Double Time Pizza	Pacific Bell
	Easterilin Ana Esthetics	Pacific Bell
	Fold & Morrison DDS	Pacific Bell
	FELD VICTOR M ODS	Pacific Bell
	Fibel Steven B MD pediatricn	Pacific Bell
	Fibel Yvette MA CCC	Pacific Bell
	Irvine	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1991	Hanu Reddy Realty	Pacific Bell
	Irvine Academy Of Performing Arts	Pacific Bell
	IRVINE CAMERA	Pacific Bell
	Irvine Dance Academy	Pacific Bell
	Irvine Dermatology Medical Clinic	Pacific Bell
	Janet Ronkins College Bound Inc	Pacific Bell
	Kanai Hiroto DDS	Pacific Bell
	Kanakis S @Huntington Beach@	Pacific Bell
	KIDS ARE PEOPLE TOO	Pacific Bell
	Kinokawa Restaurant	Pacific Bell
	KLEIN JEFFREY A MD	Pacific Bell
	KLEIN JEFFREY A MD	Pacific Bell
	Lucket Barbara J	Pacific Bell
	Morrison Robert S DDS	Pacific Bell
	Reinhart Thea Ph D	Pacific Bell
	Reanhart Victor	Pacific Bell
	Reinhart Victor	Pacific Bell
	RUSICK BOB	Pacific Bell
	Irvine	Pacific Bell
	Stenmerg Elizabeth MD	Pacific Bell
	Steinberg Gary Attorney At Law	Pacific Bell
	Uchizono Rodger IK DS	Pacific Bell
	Video&Gitt Village	Pacific Bell
	Irsie	Pacific Bell
	CHANG FRANK DMD	Pacific Bell
	Feld&Morrison DDS	Pacific Bell
	Video &Mail	Pacific Bell
1986	Loeschhorns For Runners	Pacific Bell
	Lockett Barbara J LCS W	Pacific Bell
	MORRIS ON ROBE RT S DDS	Pacific Bell
	Prestige Cleaners	Pacific Bell
	Reinhart Thea	Pacific Bell
	Reliable Cleaners Inc	Pacific Bell
	Ricciardi Mano DMD Consumer Dental Network	Pacific Bell
	RUS ICK BOB IN S URAN CE	Pacific Bell
	Starcrest Escrow Co Inc	Pacific Bell
	Irvne	Pacific Bell
	Irvine	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Davis Dr Fred Church Of The Infinite Way	Pacific Bell
	Hallmark Escrow Co Inc	Pacific Bell
	HMnu Reddy Realty	Pacific Bell
	Infinite Way Center Church Of The Infinite Way	Pacific Bell
	All In One Travel	Pacific Bell
	Ana Easterlin Esthetics	Pacific Bell
	Antones Italian Market Place	Pacific Bell
	Cafe Royale	Pacific Bell
	Church Of The Infinite Way	Pacific Bell
	Consumer Dental Network	Pacific Bell
	Dancewear Etc	Pacific Bell
	Easterlin Ana Esthetics	Pacific Bell
	Feld & Morrson DOS	Pacific Bell
	Feld & Momson DOS	Pacific Bell
	FE LD VICTOR M DOS	Pacific Bell
	Abel Steven B MD pediatricn	Pacific Bell
	Fbel Yvette R speech trpy	Pacific Bell
	Furumoto Michael K DOS	Pacific Bell
	Irvine Academy Of Performing Arts	Pacific Bell
	IRVIN E CAME RA	Pacific Bell
	Irvine Dance Academy	Pacific Bell
	Irvne Dermatology Medical Clinic	Pacific Bell
	Kanai Hiroto DDS	Pacific Bell
	Kids Are People Too	Pacific Bell
	KLE IN JE FRE Y MD	Pacific Bell
1980	AS D Income Investors	Pacific Telephone
	Afi Investments Co	Pacific Telephone
	i Alexander Frances S p HD	Pacific Telephone
	Bells Bikes	Pacific Telephone
	Feld Victor M DDS	Pacific Telephone
	Fibhe Yvette R speech trpy	Pacific Telephone
	Furumoto Michael K DDS	Pacific Telephone
	independent Development Co	Pacific Telephone
	Irvine Academy Of Performing Arts	Pacific Telephone
	Irvine Book Shoppe	Pacific Telephone
	Irvine Bowl	Pacific Telephone
	f I RVN E CAME RA	Pacific Telephone
	Irvine Cardiopulmonary Laboratory	Pacific Telephone

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	Irine Cente	Pacific Telephone
	Irvine Meat Co	Pacific Telephone
	Irvine Medical Clinic	Pacific Telephone
	Jasons Lunch Bo K	Pacific Telephone
	North Hills Realty	Pacific Telephone
	Reinhart Thea	Pacific Telephone
	Reinhart W m L	Pacific Telephone
	RUS ICK BOB IN S URAN CE	Pacific Telephone
	Spector Edward A DDS	Pacific Telephone
	Irvine	Pacific Telephone
	i Venus De Milo Of Irvine	Pacific Telephone
	Uchizono Rodger K DOS	Pacific Telephone
	Uchizono Shiro Alfred	Pacific Telephone

Jeffrey Rd

15455 Jeffrey Rd

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	R & P VENTURES LLC	EDR Digital Archive
	CASCADES HAIR SALON	EDR Digital Archive
	TSD	EDR Digital Archive
	PHO IRVINE	EDR Digital Archive
	NAM VIET RESTAURANT	EDR Digital Archive
	PHO FACTORY	EDR Digital Archive
	AP ZOT INC	EDR Digital Archive
	CAROLYN E CHONG DDS INC	EDR Digital Archive
	KIM JOYCE C DDC INC	EDR Digital Archive
	UPDIKE ORTHODONTICS	EDR Digital Archive
2010	LOVELY NAILS BOUTIQUE	EDR Digital Archive
	LOVELY NAILS BOUTIQUE	EDR Digital Archive
	CAROLYN E CHONG DDS INC	EDR Digital Archive
	KIM JOYCE C DDC INC	EDR Digital Archive
	UPDIKE ORTHODONTICS	EDR Digital Archive
	CLCP LLC DBA	EDR Digital Archive
	AP ZOT INC	EDR Digital Archive
	DARTON MEL	EDR Digital Archive
	NAM VIET RESTAURANT	EDR Digital Archive
	PHO IRVINE	EDR Digital Archive
	CASCADES HAIR SALON	EDR Digital Archive

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	FARAJIAN MCMASTERS INC	EDR Digital Archive
	TSD	EDR Digital Archive
	ASPIRE ART STUDIOS	EDR Digital Archive
2005	TSD	EDR Digital Archive
	PLAYFUL PARENTING	EDR Digital Archive
	R & P VENTURES LLC	EDR Digital Archive
	ZANZIBAR COFFEE & TEA	EDR Digital Archive
	NAM VIET RESTAURANT	EDR Digital Archive
	O C GIRL	EDR Digital Archive
	PHO IRVINE	EDR Digital Archive
	JOYCE C KIM DDS INC	EDR Digital Archive
	CYBER ZONE	EDR Digital Archive
	LOVELY NAILS BOUTIQUE	EDR Digital Archive

JEFFREY RD

15455 JEFFREY RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Yamaha Music Education Center	Pacific Bell
1991	YAMAHA MUSIC EDUCATION CENTER	Pacific Bell

Jeffrey Rd

15475 Jeffrey Rd

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	PARADISE PERKS LLC	EDR Digital Archive
2010	PARADISE PERKS LLC	EDR Digital Archive
	CLASS 1 ORTHODONICS	EDR Digital Archive
2005	MIA GAMING CENTERS	EDR Digital Archive
	CLASS 1 ORTHODONICS	EDR Digital Archive
	HARBIN GROUP LLC	EDR Digital Archive

JEFFREY RD

15475 JEFFREY RD

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Riccis Italian Restaurant	Pacific Bell
	Irvine	Pacific Bell
	Southern California Savings	Pacific Bell
1991	Irvine	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Irvine	Pacific Bell

LORRAINE

15391 LORRAINE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Issa ZA 8578755	Pacific Bell

15401 LORRAINE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Manire Ken & Rochelle 5444476	Pacific Bell

LORRAINE WAY

15391 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	GREENSleven	Haines Company
	ISSA JM	Haines Company
1995	Issa J Michael	Pacific Bell
	Issa J Michael	Pacific Bell
	Issa J Michael	Pacific Bell
1991	Issa J Michael	Pacific Bell
1975	Moss T E	Luskey Brothers & Co., Inc.

15392 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	CAREY Sheit	Haines Company
	OCAREYJohn B 49 5 S	Haines Company
1995	Carey John & Sheila	Pacific Bell
1991	Carey John & Sheila	Pacific Bell
1986	Peck Emerson	Pacific Bell
1980	Peck Emerson	Pacific Telephone
1975	Hensel Jas E	Luskey Brothers & Co., Inc.

15401 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BRADFORD 0 Alan	Haines Company
1995	Manire Carl W	Pacific Bell
	Brewer Larry	Pacific Bell
1991	Brewer Larry	Pacific Bell

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	Brewer Larry L	Pacific Bell
1975	Fidanian H M	Luskey Brothers & Co., Inc.

15402 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	VALENTINE William	Haines Company
1995	Witherspoon Burwell	Pacific Bell
1980	Witherspoon C L	Pacific Telephone
1975	Witherspoon Burwell	Luskey Brothers & Co., Inc.

15411 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	GIBBSDaard	Haines Company
1995	Graphix	Pacific Bell
1975	Bass Jas H	Luskey Brothers & Co., Inc.

15412 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	LEESUNGDO	Haines Company
1995	Lee Sung Do	Pacific Bell

15421 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	OLEONTIEVConslanh	Haines Company
	LEONT 0 EVConsianltn	Haines Company
1995	Leontiev Constantln	Pacific Bell
1991	Leontiev Constantin	Pacific Bell
1986	Miller Steven K	Pacific Bell
	Miller D J	Pacific Bell
1980	Bigelow Richard C	Pacific Telephone
1975	Stevens Robt L	Luskey Brothers & Co., Inc.
1970	Stevens Robt L	General Telephone Co., of California

15422 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	SLEWISHerman 9 GJr	Haines Company
1995	Lewis Herman GJr	Pacific Bell
1991	Lewis Hi Pressure Wash	Pacific Bell
	Lewis Herman G Jr	Pacific Bell
1986	Helmer Donald W	Pacific Bell

FINDINGS

15431 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	OSHAFIINader	Haines Company

15432 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	OVANDAL Robn	Haines Company

15441 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	WORCESTER Richard	Haines Company
1975	Mazon Leonard J	Luskey Brothers & Co., Inc.

15442 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	0 ANSAR Mahmoud	Haines Company
1986	Moss Jas	Pacific Bell
	Moss Jeff J	Pacific Bell
1980	I Moss ias	Pacific Telephone
	Moss Jas	Pacific Telephone
1975	Munson Arthur L	Luskey Brothers & Co., Inc.

15451 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	t SAACSONMchael	Haines Company
1995	Kobilsek Paul	Pacific Bell
1986	Kobtlsek Paul	Pacific Bell
1980	Kobilsek Paul	Pacific Telephone
1975	Kobilsek Paul	Luskey Brothers & Co., Inc.

Lorraine Way

15452 Lorraine Way

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	FHA SERVICING INC	EDR Digital Archive
2010	FHA SERVICING INC	EDR Digital Archive
2005	CEI LAPIDARY GROUP	EDR Digital Archive

FINDINGS

LORRAINE WAY

15452 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	6 HUNDEBY Theodore	Haines Company
1995	Hundeby Ted	Pacific Bell
1991	Hundeby Ted	Pacific Bell
1986	Hundeby Ted	Pacific Bell
1975	Austin M L	Luskey Brothers & Co., Inc.
	Slemons M J	Luskey Brothers & Co., Inc.

15466 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	BACALynne	Haines Company
1975	Pistoia R K	Luskey Brothers & Co., Inc.
	Pistoia Norman K	Luskey Brothers & Co., Inc.

Lorraine Way

15482 Lorraine Way

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	AMERICAN TRUST CEILING RESTORE	EDR Digital Archive
2005	AMERICAN TRUST CEILING RESTORE	EDR Digital Archive

LORRAINE WAY

15482 LORRAINE WAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	OBIGELOWArthuo	Haines Company
1986	Pearson Philip & Christine	Pacific Bell
1975	Green Paul D	Luskey Brothers & Co., Inc.

ROYALE AVE

5366 ROYALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	PLINPeicttiH DO	Haines Company

5382 ROYALE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2002	PHALOPZachary	Haines Company

FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Balber Dani R	Pacific Bell
1991	Balber Danl R	Pacific Bell
1986	Balber Dan I R	Pacific Bell
1980	Balber Dan I R	Pacific Telephone
1975	Balber Danl R	Luskey Brothers & Co., Inc.

FINDINGS

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched

NA

Address Not Identified in Research Source

2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched

100 Eagle Pt

Address Not Identified in Research Source

2014, 2010, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

100 EAGLE PT

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

100 EAGLEPOINT

2014, 2010, 2005, 2002, 2001, 1997, 1992, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

102 EAGLE PT

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

102 EAGLEPOINT

2014, 2010, 2005, 2002, 2001, 1997, 1992, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

104 EAGLE PT

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

104 EAGLEPOINT

2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

106 EAGLE PT

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

106 EAGLEPOINT

2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

108 EAGLE PT

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

108 EAGLEPOINT

2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1991, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Not Identified in Research Source

[illegible]

FINDINGS

Address Researched

Address Not Identified in Research Source

15455 Jeffrey Rd	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
15466 LORRAINE WAY	2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
15475 JEFFREY DR	2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
15475 JEFFREY RD	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
15475 Jeffrey Rd	2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
15482 Lorraine Way	2014, 2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
15482 LORRAINE WAY	2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1980, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
162 EAGLE PT	2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
17 FALLBROOK	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
17 FALLBROOK DR	2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
18 FALLBROOK	2014, 2010, 2005, 2002, 2001, 1997, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
18 FALLBROOK DR	2014, 2010, 2005, 2002, 2001, 1997, 1995, 1992, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
20 EAGLE PT	2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
21 EAGLE PT	2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
23 EAGLE PT	2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
24 EAGLE PT	2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
25 EAGLE PT	2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched

80 EAGLE PT

82 EAGLE PT

84 EAGLE PT

86 EAGLE PT

88 EAGLE PT

88 Eagle Pt

90 EAGLE PT

94 EAGLE PT

96 EAGLE PT

98 EAGLE PT

Address Not Identified in Research Source

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2002, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

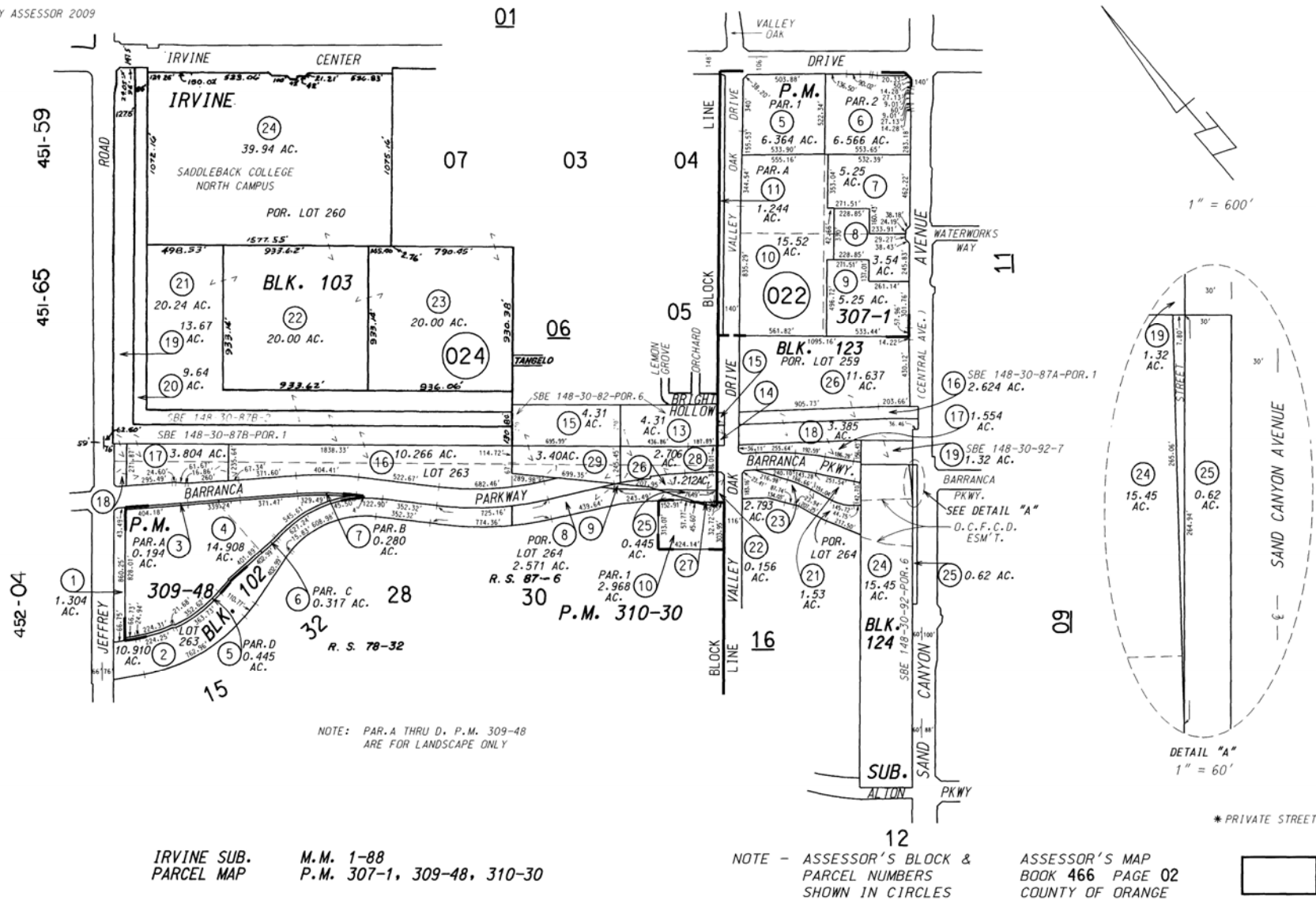
2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

2014, 2010, 2005, 2001, 1997, 1995, 1992, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

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466-02



MARCH 1972

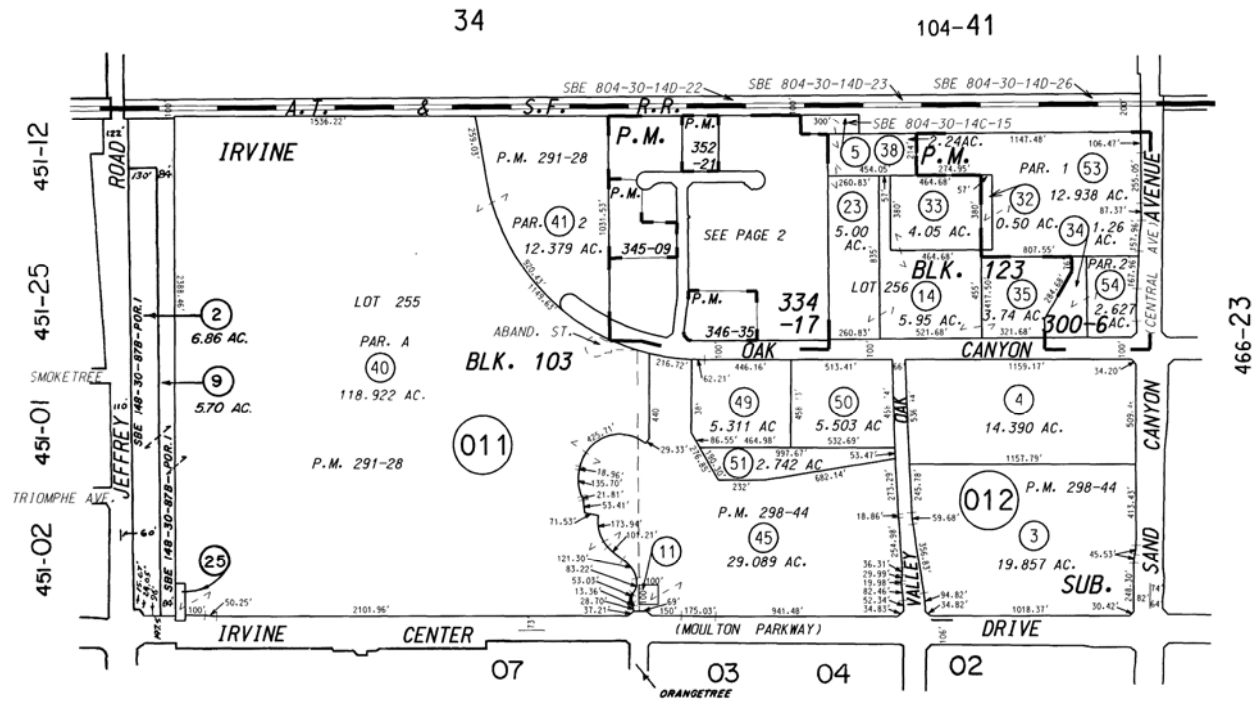
IRVINE SUB.
PARCEL MAP

M.M. 1-88
P.M. 307-1, 309-48, 310-30

NOTE - ASSESSOR'S BLOCK & PARCEL NUMBERS SHOWN IN CIRCLES

ASSESSOR'S MAP
BOOK 466 PAGE 02
COUNTY OF ORANGE

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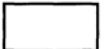
MARCH 1972

IRVINE SUB.
PARCEL MAP

M.M. 1-88
P.M. 291-28, 298-44, 300-6, 334-17
345-09, 346-35, 352-21

NOTE - ASSESSOR'S BLOCK &
PARCEL NUMBERS
SHOWN IN CIRCLES

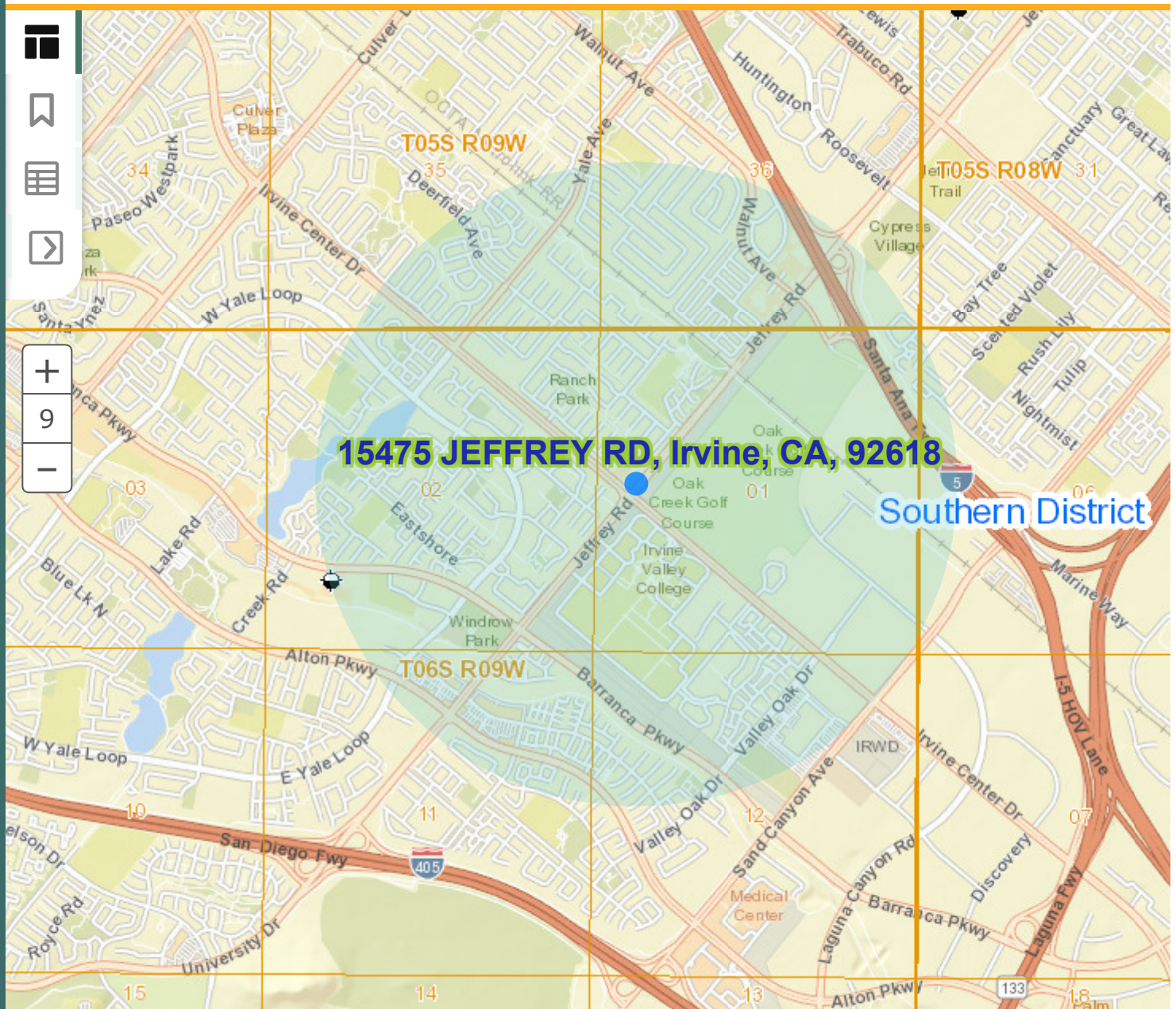
ASSESSOR'S MAP
BOOK 466 PAGE 01
COUNTY OF ORANGE





Department
Conservation

Division of Oil, Gas & Geothermal Resources - Well Finder



APPENDIX D:
QUALIFICATIONS OF THE
ENVIRONMENTAL PROFESSIONAL

QUALIFICATIONS OF THE ENVIRONMENTAL PROFESSIONAL

QUALIFICATIONS AND EXPERIENCE

Phase I Environmental Site Assessments (ESAs) prepared by Michael Baker reflect the most current interpretations of industry standards, which are in accordance with the ASTM International (ASTM) E 1527-13 Standard Practice for Environmental Site Assessments.

KEY PERSONNEL

This Phase I ESA was overseen by Ms. Kristen Bogue, who also conducted quality assurance/quality control. Document preparation, site reconnaissance, and document research and records gathering was conducted by Ms. Danielle Regimbal.

Kristen Bogue **Environmental Professional**

Ms. Bogue graduated from the University of California, Irvine, with a degree in Environmental Analysis and Design. Ms. Bogue's professional environmental experience of nine years includes the management, review, and preparation of hazardous material assessments, which include: Phase I Environmental Site Assessments, Initial Site Assessments for the California Department of Transportation (Caltrans), Preliminary Hazardous Material Assessments, Existing Hazardous Material Conditions Assessments, and Environmental Baseline Surveys for the Department of the Navy for sites located throughout California, Arizona, and New Mexico. As an environmental analyst, Ms. Bogue is also involved with preparation of Environmental Documentation compliance with the California Environmental Quality Act (CEQA)/National Environmental Protection Act (NEPA), Visual Impact Assessments (VIAs), field studies, as well as various technical studies in support of CEQA and NEPA. In the past nine years Ms. Bogue has personally evaluated over 250 real properties in California.

Danielle Regimbal **Environmental Analyst**

Ms. Regimbal graduated from University of California, Santa Barbara, California, with a degree in Environmental Studies. Ms. Regimbal assists in the preparation of environmental and planning studies for public and private sector clients. As an Environmental Analyst at Michael

Baker, Ms. Regimbal is involved with the preparation of several technical studies associated with CEQA documents. Ms. Regimbal's professional environmental experience of 4 years includes the preparation of hazardous material assessments, which include: Phase I Environmental Site Assessments, Initial Site Assessments for the California Department of Transportation (Caltrans), and Preliminary Hazardous Material Assessments for sites located throughout California.