APPENDIX F

HAZARDOUS MATERIALS REPORTS

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APPENDIX F-1

PHASE I ENVIRONMENTAL SITE ASSESSMENT (ESA)

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Phase I Environmental Site Assessment

Workforce Reentry Center

561 The City Drive South

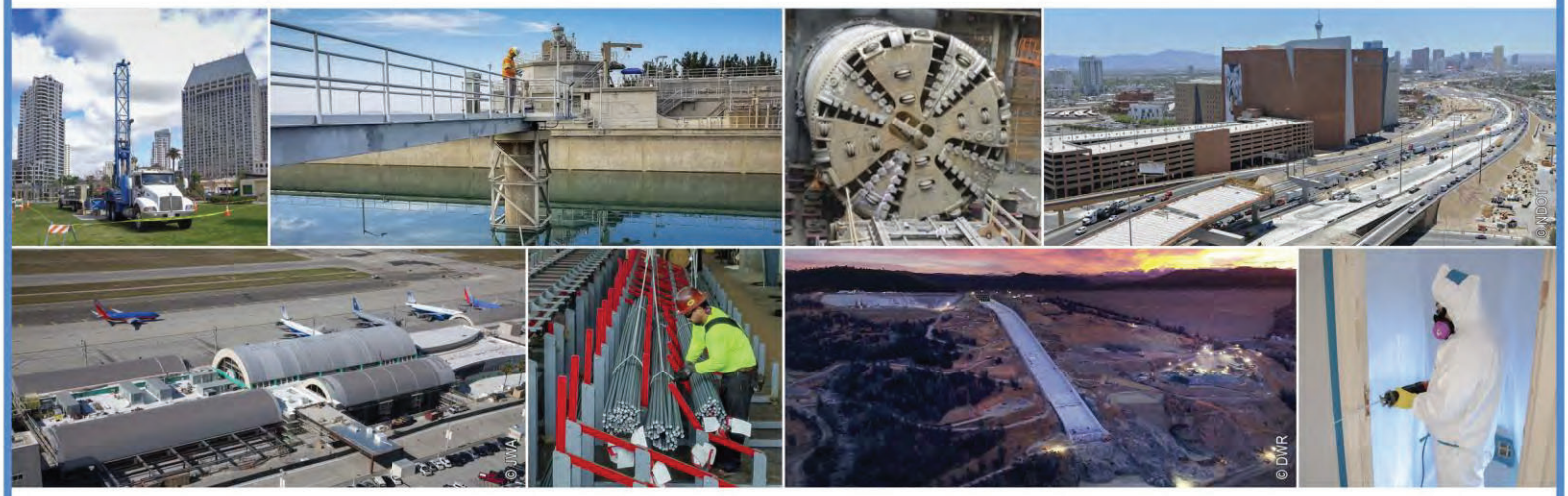
Orange, California 92868

County of Orange Executive Office

Real Estate/Land Development

400 West Civic Center Drive, 5th Floor | Santa Ana, California 92701

October 25, 2024 | Project No. 212797001



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Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

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35+ YEARS

Phase I Environmental Site Assessment
Workforce Reentry Center
561 The City Drive South
Orange, California 92868

Mr. Ryan Rigalli
County of Orange Executive Office
Real Estate/Land Development
400 West Civic Center Drive, 5th Floor | Santa Ana, California 92701

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1 INTRODUCTION

Ninyo & Moore was retained by the County of Orange (herein referred to as the client) to perform a Phase I Environmental Site Assessment (ESA) of the property located at 561 The City Drive South in Orange, California (hereinafter referred to as the subject property). The following sections discuss the purpose, the involved parties, the scope of services, and the limitations and exceptions associated with the Phase I ESA.

1.1 Purpose

The objective of this ESA is to identify, to the extent feasible pursuant to the process described in ASTM International (ASTM) E1527, recognized environmental conditions (RECs), which are defined by ASTM as *"(1) the presence of hazardous substances or petroleum products in, on, or at the subject property due to a release to the environment; (2) the likely presence of hazardous substances or petroleum products in, on, or at the subject property due to a release or likely release to the environment; or (3) the presence of hazardous substances or petroleum products in, on, or at the subject property under conditions that pose a material threat of a future release to the environment*." Ninyo & Moore performed this ESA in conformance with the scope and limitations of ASTM E1527-21.

Identification of RECs fall into the following three categories: existing RECs (as defined above); Historical RECs (HRECs); or Controlled RECs (CRECs). HRECs and CRECs are defined as follows:

- HREC – An HREC is defined as "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 [AULs], institutional controls, or engineering controls)." An HREC is an environmental condition, which in the past, would have been considered a REC, but currently may or may not be considered a REC. An example of an HREC may be a former gas station where a release of gasoline had occurred, but the subject property was cleaned up to an unrestricted land use standard.

- CREC – A CREC is defined as 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 a 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, AULs, institutional controls, or engineering controls)." An example of a CREC could be a former gas station where a release of gasoline has been cleaned up to a commercial use standard, but does not meet unrestricted residential cleanup criteria.

1.2 Scope of Services

Ninyo & Moore's scope of services for this Phase I ESA included the activities listed below.

- Reviewed physical setting and background information.
- Performed a subject property reconnaissance.
- Reviewed federal, state, tribal, and local regulatory agency databases for the subject property and for properties located within a specified radius of the subject property.
- Reviewed reasonably ascertainable local regulatory agency files for the subject property, as applicable.
- Reviewed historical information for the subject property, such as aerial photographs, topographic maps, reverse street directories, Sanborn fire insurance maps, and building department records, as available.
- Reviewed user-provided information, as available.
- Interviewed the property owner representative regarding the environmental status of the subject property. Reviewed user-provided information, as available.
- Prepared this Phase I ESA report, summarizing findings and providing opinions and conclusions regarding RECs at the subject property.

1.3 Significant Assumptions

Ninyo & Moore assumed the information sources from the third-party environmental database vendor, regulatory agencies, and interviewees utilized for this report provided adequate and accurate information. No other significant assumptions were made during the preparation of this report.

1.4 Limitations and Exceptions

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

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

The findings, opinions, and conclusions are based on an analysis of the observed subject property conditions and the referenced literature. It should be understood that the conditions of a subject property could change with time as a result of natural processes or the activities of man at the subject property or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control. Ninyo & Moore cannot warrant or guarantee that not

finding indicators of any particular hazardous material means that this particular hazardous material or any other hazardous materials do not exist on the subject property. Additional research, including invasive testing, can reduce the uncertainty, but no techniques now commonly employed can altogether eliminate the uncertainty.

1.5 Special Terms and Conditions

This study did not include an evaluation of geotechnical conditions or potential geologic hazards. In addition, unless otherwise indicated in this report, this Phase I ESA does not include analysis of the following, which is not intended to be all-inclusive: underground pipelines, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, or high voltage power lines.

1.6 User Reliance

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

1.7 Involved Parties

Mr. Kenneth Cho, Staff Engineer, performed regulatory research, historical research, and conducted the subject property reconnaissance, accompanied by Ryan Rigali, Real Estate Administrator for the County of Orange, on April 5, 2024. Mr. Benjamin White, Project Geologist, and Mr. Jeff Aguilar, Principal Geologist, performed project oversight and quality review.

2 SUBJECT PROPERTY DESCRIPTION

The following table provides a general description of the subject property. Photographs taken during the subject property reconnaissance are provided in Appendix A.

Table 1 – General Subject Property Setting

General Subject Property Setting	Description
Location	The subject property is located at 561 The City Drive South in Orange, California (Figures 1 and 2).
Orange County Assessor Parcel Numbers (APNs)	231-091-02, 231-091-03, 231-091-07, 231-271-02
Property Owner	County of Orange
Size (approximate)	4.57 acres
Subject Property Use / Occupants	The subject property is currently unoccupied.
Structures	At the time of the property reconnaissance, the subject property contained the following structures previously utilized by the former animal shelter located on the subject property: three main buildings used for administration, veterinarian facilities, and storage; outdoor animal housing/caging areas, two trailers for cat housing/supplies, a cell phone tower, parking lots, and eight shipping containers. The southeastern portion of the subject property is a recreational yard for the prison that adjoins the property to the north and east.

Table 1 – General Subject Property Setting	
General Subject Property Setting	**Description**
Roads	The subject property is accessible from The City Drive South, which borders the subject property to the west and the Garden Grove Freeway (22 Freeway) borders the subject property to the south.
Heating and Cooling Systems	Rooftop-mounted HVAC systems present on former animal shelter main buildings.
Electricity Provider	Southern California Edison (SCE)
Sewer Disposal Provider	Orange County Sanitation District (OC SAN)
Potable Water Provider	The Orange County Water District (OCWD)
Subject Property Vicinity Description	The subject property vicinity is mostly a mix of residential, commercial, retail, and business properties.

2.1 Physical Setting

The following table summarizes topographic, geologic, and hydrogeologic conditions in the vicinity of the subject property, based upon the referenced documents review and/or our visual reconnaissance of the subject property.

Table 2 – Physical Setting		
Physical Settings	**Reference**	**Summary**
Topography	A	The subject property elevation is approximately 125 feet above mean sea level (MSL). The topography of the subject property vicinity generally slopes to the southwest.
Subject Property Geology	B	The subject property is underlain primarily by Quaternary alluvium containing mostly unconsolidated gravel, sand, and silt.
Surface Water	C	The nearest surface water body is the Santa Ana River, located approximately 170 feet to the southeast of the subject property.
Groundwater	D	According to the State Water Resources Control Board's (SWRCB) GeoTracker database, the subject property had a case listed under UNOCAL #5618 (T0605901216) and the address 591 The City Drive South and contained groundwater data in association with a Leaking Underground Storage Tank (LUST). The shallowest groundwater depth was measured at approximately 34.09 feet below ground surface (bgs), according to the Case Closure Summary written by the California Regional Water Quality Control Board Santa Ana Region in 2003. Groundwater flow direction was measured to flow towards the northwest. Groundwater levels and gradient can fluctuate due to seasonal variations, groundwater withdrawal or injection, changes in land use, and other factors.

References:
A – Environmental Data Resources, Inc. (EDR), EDR Historical Topo Map Report, dated March 26, 2024.
B – United States Geological Survey, 2024, USGS Website, accessed in March.
C – Google Earth, 2024, Google Earth Website, accessed in March.
D – State Water Resources Control Board, 2024, GeoTracker website, accessed in March.

3 USER-PROVIDED INFORMATION

Ninyo & Moore provided a user questionnaire to be filled out by the County of Orange. A filled user-questionnaire was returned signed by Mr. Ryan Rigali, Real Estate Administrator with the County of Orange, and was reviewed by Ninyo & Moore. Additionally, Mr. Rigali followed up via email with Ninyo & Moore regarding questions about the user-provided information. Mr. Rigali reported, after obtaining a new title report for the subject property, that an environmental lien is recorded against the property for a 4-foot portion of APN 002-231-43; the lien states that this portion of the subject property will only be used as a parking lot.

Mr. Rigali further reported that past uses of the subject property have included orchards, commercial/retail/office building use (including a paintball store), a service station, an animal shelter, a recreational yard for a jail, and a cellular tower. Mr. Rigali reported that asbestos, lead-based paint, and chemicals from prior gasoline use are or were formerly present at the subject property. Mr. Rigali reported that a leaking underground storage tank (LUST) case for the subject property occurred in the past, resulting in a gasoline release to the subsurface soil and groundwater that was remediated by excavation and disposal, and operation of a vapor extraction remediation system. Mr. Rigali reported that obvious indicators exist pointing to the presence or likely presence of contamination at the subject property from asbestos and lead-based paint.

The County of Orange also provided several existing site data reports. These documents were reviewed by Ninyo & Moore and are discussed in the Previous Reports (Section 4.4) portion of this report. User and property owner provided information is included in Appendix B.

3.1 Additional User-Provided Information for On-Site Groundwater Wells

Mr. Rigali provided additional information to Ninyo & Moore via email on August 22, 2024 regarding two on-site Orange County Water District (OCWD) groundwater monitoring wells:

- OM-2, advanced to a total depth of approximately 250 feet below ground surface (bgs) and screening groundwater between approximately 238 and 246 feet bgs; and
- OM-2A, advanced to a total depth of approximately 130 feet bgs and screening groundwater between approximately 117 and 125 feet bgs.

One boring log was provided for each well, as well as groundwater monitoring data from 1990 to 2006.

Chlorinated solvents were detected in the samples collected from OM-2 in the most recent monitoring results provided by Mr. Rigali, based on samples collected on July 3, 2006. Cis-1,2-dichloroethene (cis-1,2-DCE) and 1,1-dichloroethene (1,1-DCE) were detected below their respective California State Water Resources Control Board (CARWQCB)'s Maximum Contaminant Levels (MCLs) for Regulated Drinking Water Contaminants (2023) which are both 6 µg/L, at concentrations of 2 µg/L and 5.3 µg/L, respectively. Trichloroethene (TCE) was detected at a concentration of 10.9 µg/L which is above its MCL of 5 µg/L. 1,4-dioxane, which is not a chlorinated solvent, was also detected at a concentration that exceeds its MCL of 1 µg/L at a concentration of 22.5 µg/L.

There were no detections of chlorinated solvent constituents in OM-2A for data collected during the same collection period on July 3, 2006.

The presence of chlorinated solvents and 1,4-dioxane in deep groundwater (screened from 238 to 246 feet bgs) beneath the subject property is a REC.

4 RECORDS REVIEW

The following sections summarize records reviewed for the subject property.

4.1 Standard Environmental Record Source - Environmental Databases

A computerized, environmental information database search was performed by Environmental Data Resources, Inc. (EDR). The search included federal, state, tribal, and local databases. A summary of the environmental databases searched, their corresponding search radii, and number of noted properties of potential environmental concern, is presented in the EDR report (Appendix C). The review was conducted to evaluate whether the subject property or properties within the subject property vicinity have been documented as having experienced significant unauthorized releases of hazardous substances or other events with potentially adverse environmental effects.

4.1.1 Geocoded (Mapped) Listings

Properties within up to 1 mile of the subject property were listed on various regulatory agency databases. The following table lists ASTM standard environmental databases that were searched, search distance radii by database, and the number of listings (excluding unmapped properties).

Table 3 – ASTM Standard Environmental Databases

Database Name	Search Radius (mile)	Number of Listings
Federal Databases		
NPL (National Priority List)	1	0
Proposed NPL	1	0
NPL LIENS (Federal Superfund Liens)	1	0
Delisted NPL	1	0
FEDERAL FACILITY (Federal Facility Site Information listing)	0.5	0
SEMS (Superfund Enterprise Management System; formerly Comprehensive Environmental Response Compensation and Liability Information System)	0.5	0
SEMS-ARCHIVE (Superfund Enterprise Management System Archive)	0.5	0
CORRACTS (facilities subject to Corrective action under RCRA)	1	0
RCRA-TSDF (hazardous waste treatment, storage, or disposal facilities)	0.5	0
RCRA-LQG (large quantity generator)	0.25	0
RCRA-SQG (small quantity generator)	0.25	2
RCRA-VSQG (very small quantity generator)	0.25	0
US ENGINEERING CONTROL (EC)	0.5	0
US INSTITUTIONAL CONTROL (IC)	0.5	0
State/Tribal Databases		
CA RESPONSE (State Response Sites, State- and Tribal- equivalent NPL)	1	0
ENVIROSTOR (The DTSC's Site Mitigation and Brownfields Reuse Program; CERCLIS-equivalent)	1	4
CA SWF/LF (Solid Waste Information System)	0.5	0
LUST (GeoTracker's Leaking Underground Fuel Tank Report)	0.5	20

Table 3 – ASTM Standard Environmental Databases		
Database Name	Search Radius (mile)	Number of Listings
Brownfields	0.5	0
CPS-SLIC (Spills, Leaks, Investigation and Cleanup database by the California Regional Water Quality Control Board)	0.5	2
UST (registered underground storage tanks [USTs])	0.25	8
AST (registered aboveground storage tanks [ASTs])	0.25	4
FEMA UST (Underground Storage Tank Listing)	0.25	0
VCP (Voluntary Cleanup Program Properties)	0.5	1
Additional Environmental Databases		
SWRCY	0.50	0
California Environmental Reporting System Tanks (CERS) HAZ WASTE	0.25	2
SWEEPS UST (Statewide Environmental Evaluation and Planning System UST Listing)	0.25	6
HIST UST (Hazardous Substance Storage Container Database)	0.25	7
CA FID UST (State Water Resources Control Board Underground Storage Tanks)	0.25	5
CERS TANKS	0.25	6
RCRA NonGen / NLR	0.25	14
MINES MRDS	0.25	1
Cortese (“Cortese” Hazardous Waste & Substances Sites List)	0.5	12
HIST CORTESE (Hazardous Waste and Substance Site List)	0.5	8
UST FINDER	0.25	2
UST FINDER RELEASE	0.5	12

The subject property address of 561 The City Drive South, Orange, California, is listed in the following environmental databases searched by EDR: Hazardous Waste Tracking System (HWTS), Hazardous Materials Manifests Network (HAZNET), National Pollutant Discharge Elimination System (NPDES), and California Integrated Water Quality System (CIWQS). This facility is listed on the HWTS database as having unspecified aqueous solution with pH between 2 and 12.5, other inorganic solid waste, waste oil and mixed oil, off-spec, aged, or surplus organics, photochemicals/photoprocessing waste, ignitables, and silver containing hazardous wastes from 1996 through 2006. Based on the lack of reported spills and incidents over the years and small quantities (on average less than 1 ton per year) of hazardous wastes generated, these listings are unlikely to be environmental concerns to the subject property.

The subject property address of 591 The City Drive South was listed on the following environmental databases searched by EDR: LUST, SWEEPS UST, CA FID UST, HIST CORTESE, UST FINDER RELEASE, CORTESE, and CERS.

This facility is listed on the SWEEPS UST database as having three underground storage tanks in 1993 with the following characteristics: two 9,950-gallon motor vehicle fuel tanks containing regular, unleaded fuel, and one 280-gallon waste oil tank.

This facility is listed on the Geotracker database as having a LUST case under UNOCAL#5618 (T0605901216). According to a April 25, 2003 case closure summary published by the Santa Ana Regional Water Quality Control Board (SARWQCB), a gasoline service station operated on the subject property between approximately 1968 and 1994. In

May 1990, a preliminary subsurface investigation was conducted consisting of 6 soil borings (B1 through B6) drilled up to approximately 61.5 feet bgs. Petroleum-related hydrocarbons were detected in samples collected from borings B4 and B6, which indicated a release in the vicinity of the gasoline USTs and associated piping. From March 1990 to June 1994, a total of 7 soil borings (B7 through B11 and B1-B2), 3 soil vapor extraction wells (VE1 through VE3), and 17 groundwater monitoring wells (MW1 through MW17) were installed. An investigation revealed that both soil and groundwater beneath the site were impacted and that total recoverable petroleum hydrocarbons (TRPH) impacted soil was localized in the vicinity of the southern hydraulic hoist and waste oil tank. Free product was detected in wells MW4 and MWS up to 1.34 feet in thickness. From August 1991 until June 1992, a manual product removal program was implemented. In December 1994 and January 1995, the station building and other structures were demolished. On January 3, 1995, 3 USTs and associated piping, 2 hydraulic hoists, 1 clarifier, and 2 dispenser islands were removed. During UST removal activities, vapor extraction well VE3 was abandoned. On January 4, 1995, horizontal vapor extraction well VE4 was installed at a depth of approximately 16 feet bgs in the former UST excavation. Removal activities and confirmation soil sampling were witnessed by the City of Orange Fire Department staff. Excavation activities revealed petroleum-impacted soil extending to a depth of 15 feet bgs in the southeast corner of the gasoline UST excavation. The TRPH-impacted soil beneath the former hoists and clarifier was excavated. In 1996, well MW-3 and MW-17 were abandoned, and dual monitoring/vapor extraction well MW-3A was installed. On March 25, 1997, a soil vapor extraction system (VES) started at the site. A total of nine wells were connected to the system. In January 1998, soil confirmation borings B34 and B35 were advanced and analytical results revealed concentrations of total petroleum hydrocarbons in the gasoline range (TPH-g); benzene, toluene, ethylbenzene, and xylenes (BTEX); and methyl tert-butyl ether (MTBE) remaining beneath the site. The borings were completed as air sparge wells SP1 and SP2. In January 1998, the system was upgraded to include air sparge wells SP1 And SP2. The system operated until June 9, 1998.

A Case Closure Packet for this site which was referenced by the SARWQCB in case closure cited the following reasons for recommending closure:

- The former USTs/piping, hydraulic hoists, clarifier, and fuel dispensers were removed from the site.
- Soil and/or groundwater remediation included soil excavation, free product recovery, soil vapor extraction (SVE), and air sparge (AS).
- Analytical results from confirmation soil sampling showed a significant decrease in contaminant concentrations in soil. Also, an additional six months of remediation

occurred after the drilling and sampling of the two soil confirmation borings. Therefore, the remaining soil contamination concentrations were reduced even further.

- From August 1990 through October 24, 2002, long-term groundwater monitoring was conducted. Concentrations of contaminants in groundwater were greatly reduced from free product and highly elevated dissolved contamination levels to localized contamination remaining in the vicinity of wells MW3A and MW4. The TPH-g and benzene concentrations were reduced from free product to 12,000 ppb and 840 ppb, respectively.

- The case closure packet indicated that “it doesn't appear that the residual groundwater contamination levels remaining in the vicinity of MW3A and MW4 should pose a threat to groundwater quality or to human health.”

Ninyo & Moore compared the maximum documented soil contaminant concentrations reported after remedial action at the subject property in the case closure report against the current regulatory screening levels from the Department of Toxic Substances Control (DTSC) Human Health Risk Assessment Note Number 3 report (2020) and the Environmental Protection Agency Regional Screening Levels (2023). The after-remediation soil confirmation samples were taken on the subject property in 1998. The maximum documented water contaminant concentrations provided in the case closure report were taken in 2002 and compared to CARWQCB’s MCLs for Regulated Drinking Water Contaminants (2023).

The following exceedances were noted:

- Benzene was reported at a concentration of 2.3 milligrams per kilogram (mg/kg) in soil in soil boring SP2 at approximately 35 feet bgs (January 1998), which exceeds the DTSC screening level for residential soil cancer endpoint of 0.33 mg/kg.

- Benzene was reported at a concentration of 840 µg/L at monitoring well MW3A (October 2002), which exceeds the CARWQCB maximum contaminant level for drinking water of 1 µg/L.

- Ethylbenzene was reported at a concentration of 1,100 µg/L, at monitoring well MW3A (October 2002), which exceeds the CARWQCB maximum contaminant level for drinking water of 300 µg/L.

Based on this comparison, concentrations of hazardous contaminants exceed current screening levels for their respective screening levels. This is a REC to the subject property.

Properties/facilities within the subject property vicinity listed in the database report were evaluated as to their potential to impact soil and/or groundwater at the subject property. To supplement information in the environmental database report, the California State Water Resources Control Board’s (SWRCB’s) GeoTracker (SWRCB, 2024) and DTSC’s EnviroStor (DTSC, 2024) online databases were reviewed. Information from the EDR report and supplemental sources are included in the facilities of potential concern summaries below. Supporting documentation is provided in Appendix D. The following properties/facilities were interpreted to represent a potential environmental concern to the subject property, based on

their proximity to the subject property, the nature of the database on which they are listed, and/or the assumed direction of groundwater flow in the subject property vicinity (northwest).

Table 4 – Facilities within Subject Property Vicinity of Potential Concern

Facility Name / Address	Distance/ Direction from Subject Property	Database	Summary
Firestone Store #71F6 3400 West Metropolitan Drive	Adjoining to the west	CA FID UST HIST UST LUST CORTESE CERS UST FINDER RELEASE HIST CORTESE	This facility is listed on the Geotracker database as having a LUST case under the name Former Bridgestone Firestone (T0605902055). According to a Remedial Action Completion and Case Closure Summary published in 2002 by the Orange County Health Care Agency (OCHCA), five underground storage tanks were removed between 1984 and 1993 including three 10,000-gallon gasoline tanks and two 550-gallon waste oil tanks. In the 2002 OCHCA Remedial Action Completion and Case Closure Summary, it is stated that high concentrations of soil and groundwater contamination were detected during an assessment conducted for a property transaction in January 1996. It was found that the former tank area had the highest soil contaminant concentrations. During subsequent assessments, high soil contaminant concentrations detected in the former tank and eastern dispenser areas warranted active remediation. Soil contamination extending into the capillary fringe was remediated in two phases. The first phase consisted of four mobile high vacuum dual-phase extraction events during which approximately 1594 gallons of hydrocarbons were removed. Following completion of these four events, five verification borings were drilled in the former tank and dispenser areas. Based on the results of these verification borings, additional remediation was required. A permanent vapor extraction system (VES) was installed and operated at the site from December 11, 2000, to June 14, 2002. To enhance the on-site system, a truck-mounted VES was also operated in conjunction with the onsite VES in February 2002. Approximately 6663 gallons of petroleum hydrocarbons were removed during this second remediation phase. After the VES reached asymptotic conditions, three additional confirmation borings were drilled in the former tank and dispenser areas. All soil samples had non-detect results for TPH, BTEX, MTBE, and all fuel oxygenates, except for 1.5 and 0.0067 parts per million (ppm) TPH and toluene, respectively, detected in the 30-foot sample in the boring in the former tank area. The 35 and 40 ft samples in the same boring were all non-detect. Groundwater monitoring wells installed at this site reportedly yielded concentrations of BTEX and TPH; BTEX was not detected in these wells following the initial sampling event. Case closure was recommended in 2002 to the OCHCA for the following factors: • Source removal was conducted and soil confirmation borings results indicate that soil contaminant concentrations were all non-detect, except for 1.5 ppm TPH, 0.0067 ppm toluene, and 0.015 ppm xylenes. • Groundwater sampling results have been non-detect for all monitored constituents since 5-00. Despite the proximity, based on the measured contaminant concentrations, case closure being issued, and being cross-gradient relative to the subject property, this facility is unlikely to be an environmental concern to the subject property.
Orange County Sheriff Coroner Department Theo Lacy Jail Expansion 501 The City Drive South	Approximately 466 feet north	UST Finder CERS TANKS HWTS HAZNET CERS UST AST SWEEPS UST EMI	This facility is listed in the AST database as having a 1,320-gallon aboveground storage tank. This facility is also listed on the UST database as having a 10,000-gallon underground storage tank containing diesel in 1992. Based on the lack of reported spills, distance, and being cross gradient relative to the subject property, this facility is unlikely to be an environmental concern to the subject property.
SNO-White Cleaners 485 The City Drive South	Approximately 634 feet to the north	LUST CORTESE HIST CORTESE CERS UST FINDER RELEASE HIST UST	This facility is listed on Geotracker as having a LUST case under the following name GSA Service Station #2 (T0605901598). A leak was reported in 1992. The potential contaminant of concern was gasoline and the potential media of concern was soil. The case was closed later that same year. Based on the distance, regulatory status, and being downgradient relative to the subject property, this facility is unlikely to be an environmental concern to the subject property.

Notes:
- Distances and direction provided by EDR
- A description of each database is provided in the EDR Report (Appendix C).

It is our opinion that there is a low likelihood that the remaining listings for properties within the subject property vicinity in the database report represent a REC to the subject property at the current time. This opinion is based on one or more of the following factors:

- The nature of the database(s) on which the property is listed, and/or because the property was not listed on a database that reports unauthorized releases of hazardous substances;
- Reported regulatory agency status (i.e., case closed);
- Reported nature of the case (i.e., soil contamination only);
- Reported distance of the property from the subject property; and/or
- Location of the property in relation to the subject property with respect to topography or expected groundwater flow direction (northwest).

4.1.2 Non-Geocoded (Unmapped) Listings

Five unmapped sites were found for the subject property. Based on the information provided, these facilities are unlikely to be environmental concerns to the subject property.

4.2 Additional Environmental Record Sources

According to the ASTM Standard, "if the property or any of the adjoining properties is identified on one or more of the standard environmental record sources, pertinent regulatory files and/or records associated with the listing should be reviewed." Regulatory files for the subject property address of 561 The City Drive South were reviewed. Additionally, regulatory files for following addresses associated with subject property were reviewed: 591 The City Drive South, 595 The City Drive South, and 591 Manchester. The review of regulatory agency records is discussed in the following sections. Regulatory records are provided in Appendix D.

4.2.1 California Department of Toxic Substances Control (DTSC), Cypress

Ninyo & Moore requested records for the subject property addresses from the DTSC on March 27, 2024. According to a representative of the DTSC, records were not found for the subject property addresses.

4.2.2 Santa Ana Regional Water Quality Control Board (SARWQCB)

Ninyo & Moore performed an online file review, as well as an in-person document review on May 28, 2024 to investigate hardcopy files located at the file review offices of the SARWQCB. The documents reviewed were related to the Geotracker LUST case with the name UNOCAL#5618 (T0605901216). This information is discussed further in Records Review (Section 4) portion of this report.

4.2.3 Orange County Health Care Agency (OCHCA) - Environmental Health

Ninyo & Moore requested records for the subject property addresses from the OCHCA on March 27, 2024. According to a representative of the OCHCA, records were not found for the subject property addresses.

4.2.4 Orange City Fire Department (OCFD)

Ninyo & Moore requested records for the subject property addresses from the OCFD on March 27, 2024. Ninyo & Moore reviewed records sent by a representative of the OCFD. Records of environmental significance were not found.

4.2.5 Calrecycle

Ninyo & Moore requested records for the subject property addresses from Calrecycle on March 27, 2024. According to a representative of the Calrecycle, records were not found for the subject property addresses.

4.2.6 Orange County Sanitation District (OCSAN)

Ninyo & Moore requested records for the subject property addresses from the OCSAN on March 27, 2024. According to a representative of the OCSAN, records were not found for the subject property addresses.

4.2.7 Online Regulatory Databases

Online regulatory databases were reviewed by Ninyo & Moore to supplement the environmental database search conducted by EDR. The following is a summary of pertinent information.

Table 5 – Online Regulatory Databases

Online Database/Website	Findings
California Department of Toxic Substances Control (DTSC) EnviroStor	The subject property was reviewed on the EnviroStor database for pertinent information, which is discussed in Section 4.1.1. Off-subject property facilities were reviewed on the EnviroStor database for pertinent information, which is discussed in Table 4 of Section 4.1.1.
State Water Resources Control Board (SWRCB) GeoTracker	The subject property was reviewed on the GeoTracker database for pertinent information, which is discussed in Section 4.1.1. Off-subject property facilities were reviewed on the GeoTracker database for pertinent information, which is discussed in Table 4 of Section 4.1.1.
South Coast Air Quality Management District (SCAQMD) Facility Information Detail (FIND) Database	The subject property was reviewed on the SCAQMD FIND database for pertinent information. Records of additional environmental concern were not found for the subject property address.
State of California, Department of Conservation, Geologic Energy Management Division (CalGEM) Well Finder website	The subject property was not depicted within the administrative boundaries of an oil/gas field. One plugged, dry-hole well was depicted approximately 0.6 miles to the east-northeast of the subject property. The operator is listed as Chevron U.S.A. Inc.
United States Pipeline and Hazardous Materials Safety Administration, National Pipeline Mapping System Map Viewer	An active and filled gas transmission pipeline was depicted adjoining to the west of the subject property. The commodity description is natural gas and the operator is listed as Southern California Gas Co. A permanently abandoned hazardous liquid pipeline was depicted approximately 0.35 miles to the northeast of the subject property. The commodity description is “empty liquid”. Accidents or Incidents were not depicted within a 1-mile radius of the subject property.

4.3 Subject Property Historical Use Information

Ninyo & Moore conducted a search of historical records for the subject property, which included a review of city directories, Sanborn® fire insurance maps, aerial photographs, topographic maps, and building department records. The following sections summarize information obtained from the historical sources utilized for this assessment.

4.3.1 City Directories

Available historical reverse street directories from 1920 through 2020 were researched by EDR. The subject property address of 561 The City Drive South were listed as the following occupants between 1920 and 2020:

561 THE CITY DR

- **1980 –** Animal Control, Animal Shelter, Dog Licensing, Orange County Animal Shelter

561 THE CITY DR S

- **2014 –** CITY OF ANAHEIM, CITY OF GARDEN GROVE, CITY OF LAGUNA HILLS.
- **2010 –** HUNTINGTON BEACH ANIMAL CNTRL, LAGUNA HILLS ANIMAL SVC, ORANGE COUNTY ANIMAL SHELTER, ORANGE COUNTY DOG LICENSING.
- **2005 –** ANIMAL ASSISTANCE LEAGUE OF ORANGE C, GARDEN GROVE DOG LICENSING, ORANGE COUNTY ANIMAL CARE SERVICES, ORANGE COUNTY ANIMAL SHELTER.
- **1995 –** ANAHEIM CITY ANIMAL CONTROL, ORANGE COUNTY ANIMAL SHELTER.
- **1992 –** ANH CTY ORG ANIMAL, GG CTY DOG LICENSNG.

4.3.2 Historical Topographic Maps

Historical topographic maps, were provided by EDR for select years from 1896 through 2022. A listing of maps was reviewed, and a summary of notable observations is provided in the table below. EDR-provided maps are included in Appendix E.

Table 6 – Historical Topographic Maps Summary

Date - Source	Summary
1896	By 1896, the topographic map depicts the bed of the Santa Ana River as overlapping the southeastern portion of the subject property.
1898	No additional information of environmental concern relevant to the subject property.
1901	No additional information of environmental concern relevant to the subject property.
1902	No additional information of environmental concern relevant to the subject property.
1935	No additional information of environmental concern relevant to the subject property.
1942	No additional information of environmental concern relevant to the subject property.
1949	No additional information of environmental concern relevant to the subject property.
1950	No additional information of environmental concern relevant to the subject property.
1964	By 1964, the topographic map depicts several nondescript square and rectangular structures on the northern portion of the subject property. Additionally, the map depicts the Garden Grove Freeway adjoining to the south and the road now known as The City Drive South adjoining to the west of the subject property. The map also depicts the Theo Lacy prison adjoining the north.

Table 6 – Historical Topographic Maps Summary	
Date - Source	**Summary**
1972	No additional information of environmental concern relevant to the subject property.
1981	By 1981, an additional square structure is depicted on the western portion of the subject property.
2012	No additional information of environmental concern relevant to the subject property.
2015	No additional information of environmental concern relevant to the subject property.
2018	No additional information of environmental concern relevant to the subject property.
2022	No additional information of environmental concern relevant to the subject property.

4.3.3 Historical Aerial Photographs

Historical aerial photographs were provided by EDR for select years from 1938 through 2020. A listing of the photographs reviewed and summary of notable observations from the photograph review are provided in the table below. EDR-provided aerial photographs are included in Appendix E.

Table 7 – Aerial Photographs Summary		
Date	**Source**	**Summary**
1938	A	The southeastern portion of the subject property was part of the Santa Ana River. The northwestern portion of the subject property was undeveloped land containing wild vegetation. The land adjoining to the northwest was agricultural farmland. The land adjoining to the north was undeveloped land containing wild vegetation.
1947	A	The southwestern corner of the subject property was agricultural farmland. The land adjoining to the west was agricultural farmland. The Santa Ana River is channeled adjoining to the southeast and no longer part of the subject property.
1953	A	No additional information of environmental concern relevant to the subject property.
1963	A	The subject property is in use as a recreational field by the Theo Lacy Facility jail in the northeastern portion, vacant in the southern portion, in agricultural and possibly residential use in its central portion, and in commercial/industrial use in its northwestern portion. The Garden Grove Freeway (22 Freeway), which adjoins the subject property to the south, was in development. The Theo Lacy Facility, which adjoins the subject property to the north, was built. The City Drive South, which adjoins the subject property to the west, was built.
1966	A	Agricultural and residential use of the subject property appears to have ceased, and the southern half of the subject property is now vacant.
1972	A	By 1972, the subject property contained a gasoline service station, further discussed in the Records Review (Section 4) portion of this report. A T-shaped structure is present on the western portion of the subject property; apparently the awning of the service station. Additionally, several rectangular structures were built in the northern portion of the subject property. The eastern portion of the subject property appears to be in use as a ball field by the adjoining Theo Lacy Facility jail.
1977	A	No additional information of environmental concern relevant to the subject property.
1987	A	By 1987, the subject property contained an additional rectangular structure on the southwestern portion of the subject property.
1989	A	No additional information of environmental concern relevant to the subject property.
1990	A	No additional information of environmental concern relevant to the subject property.
1995	A	By 1995, the T-shaped structure was no longer present. According to the case closure report written by the SARWQCB discussed in the Records Review (Section 4) portion of this report, the gasoline service station was no longer active by this time.
2005	A	By 2005, the recreation field, that is now part of the southeastern portion of the subject property, for the Theo Lacy Facility was developed into a grassy area.
2009	A	By 2009, the rectangular structure on the southwestern portion of the subject property was no longer present. The building utilized by the former animal shelter was built on the southern portion of the subject property.
2012	A	No additional information of environmental concern relevant to the subject property.
2016	A	No additional information of environmental concern relevant to the subject property.
2020	A	By 2020, the subject property and adjoining properties are likely similar to the ones encountered during the property reconnaissance.

Sources:
A – EDR

By 1938, the southeastern portion of the subject property contained the bed of the Santa Ana River. The northwestern portion of the subject property was undeveloped land containing wild vegetation. By 1947, the southwestern corner of the subject property was agricultural farmland. The Santa Ana River was channeled adjoining to the southeast and no longer part of the subject property. By 1972, the subject property contained a gasoline service station, further discussed in the Records Review (Section 4) portion of this report. A T-shaped structure is present on the western portion of the subject property, most likely the awning of the service station. Additionally, several rectangular structures were built in the northern portion of the subject property. By 1987, the subject property contained an additional rectangular structure on the southwestern portion of the subject property. By 1995, the T-shaped structure was no longer present, and according to the case closure report written by the SARWQCB discussed in the Records Review (Section 4) portion of this report, the gasoline service station was no longer active by 1995. By 2005, the recreation field, that is now part of the southeastern portion of the subject property, was developed into a grassy area utilized by the adjoining Theo Lacy Facility. By 2009, the rectangular structure on the southwestern portion of the subject property was no longer present. The building utilized by the former animal shelter was built on the southern portion of the subject property. By 2020, the subject property and its structures are likely similar to the ones encountered during the property reconnaissance.

4.3.4 Sanborn® Fire Insurance Map

Sanborn Fire Insurance Maps were not found by EDR for the subject property. The EDR Certified Sanborn Map Report is provided in Appendix E.

4.3.5 Building Department Records

Ninyo & Moore requested building department records from Orange County Public Works Department for the subject property addresses. As of the writing of this report, Ninyo & Moore has not received a response from Orange County Public Works Department. This is considered a data gap. If information is provided in the future that alters the findings and conclusions of this report, an addendum will be prepared.

4.4 Previous Reports

The County of Orange provided several existing site data reports, those of which with pertinent environmental information are discussed below.

A document titled “Hazardous Materials Assessment for Manchester Unocal Acquisition, 591 The City Drive in the City of Orange” was published in 1988 by the County of Orange. The LUST case for the subject property, which is discussed in Section 4.1.1 of this report, was noted as a potential

environmental concern in this document. The report did not find any additional environmental concerns.

A document titled “Hazardous Materials Assessment for Manchester Complex Addition”, issued by the County of Orange Resources & Development Management Department, included a Hazardous Materials Assessment Questionnaire which was filled out by the property manager of the subject property in 2005, the manager checked a box stating that “pesticides, paints or other chemicals in containers greater than five gallons or greater than 50 gallons aggregate” were stored or used on the property. Additionally, the manager also checked a box stating there had been a gasoline station and motor repair facility at the subject property or any adjoining property. The document also lists the presence of paintballs, bleach, and household cleaning supplies. The LUST case for the subject property discussed in Section 4.1.1 of this (Ninyo & Moore’s 2024) Phase I ESA report was noted as a potential environmental concern in this document. This document stated in the conclusions that the property inspection and area reconnaissance performed in 2008 “revealed no issues of potential environmental concern for the property”. This document did not find any additional environmental concerns (County of Orange, 2008).

According to a 2024 ENCORP Asbestos & Lead-Based Paint Inspection Report, asbestos containing materials and lead-based painted components were identified on the subject property.

4.5 Adjoining Property History

By 1938, the land adjoining to the northwest was agricultural farmland. The surrounding properties were undeveloped land containing wild vegetation and the bed of the Santa Ana River. By 1947, The land adjoining to the west was agricultural farmland. The Santa Ana River was channeled adjoining to the southeast and no longer part of the subject property. By 1963, the Garden Grove Freeway, which adjoins the subject property to the south, was in development. The Theo Lacy Facility, which adjoins the subject property to the north, was built. The City Drive South, which adjoins the subject property to the west, was built. By 2020, the adjoining properties are likely similar to the ones encountered during the property reconnaissance.

5 PRELIMINARY VAPOR ENCROACHMENT SCREENING

Ninyo & Moore conducted a preliminary vapor encroachment screen (pVES) for potential chemicals of concern (COCs) that may migrate as vapors onto the subject property as a result of contaminated soil and/or groundwater near the subject property. The purpose of the pVES is to identify a vapor encroachment condition (VEC), which is the presence or likely presence of COC vapors in subsurface soils at the subject property caused by the release of vapors from contaminated soil or groundwater either on or near the subject property. The potential for VEC beneath the subject property was evaluated using a Vapor Encroachment Screening Matrix

(VESM). The VESM included performing a Search Distance Test to identify if there are any known or suspect contaminated sites surrounding or upgradient of the subject property within specific search radii, a COC Test (for those known or suspect contaminated sites identified within the Search Distance Test) to evaluate whether or not COCs are likely to be present, and a Critical Distance Test to evaluate whether or not COCs in a contaminated plume may be within the critical distance of the subject property (100 feet for non-petroleum contaminants, and 30 feet for petroleum hydrocarbon contaminants). Based on the results of the VESM, the presence of a VEC beneath the subject property is likely. A copy of the VESM is included in Appendix F.

6 SUBJECT PROPERTY RECONNAISSANCE

The objective of the subject property reconnaissance was to obtain information indicating the potential for RECs in connection with the subject property. Mr. Kenneth Cho conducted the reconnaissance on April 5, 2024. A subject property plan is provided as Figure 2. Photographic documentation from the reconnaissance is provided in Appendix A.

6.1 Methodology and Limiting Conditions

The subject property reconnaissance consisted of walking the subject property and along public sidewalks (for viewing adjoining/nearby properties).

6.2 General Subject Property Setting

At the time of the property reconnaissance, the subject property is an unoccupied, former animal shelter containing the following structures previously utilized by the facility: three main buildings utilized for administration, veterinarian facilities, and storage, outdoor animal housing/caging areas, two trailers for cat housing/supplies, a cell phone tower, parking lots, and eight shipping containers. Additionally, the southeastern portion of the subject property is a recreational yard for the Theo Lacy Facility prison that adjoins the property to the north and east.

Trash and general debris were observed inside most of the rooms of the former animal shelter buildings from vandalism and homeless encampments. These are considered de minimis conditions.

General cleaning and animal care supplies were observed in household quantities inside many of the rooms in the buildings of the former animal shelter. Leaks and spills were not observed within the vicinity of the cleaning and animal care supplies.

Six 1-gallon buckets of paint and three household sized containers (less than one gallon total) of xylene were observed inside the shipping containers located on the southeastern corner of the subject property. Leaks were not observed in the vicinity of these hazardous materials.

Approximately one dozen circular concrete patches were observed on the western portion of the subject property. These may be the monitoring well locations which were drilled to investigate the petroleum-related hydrocarbon contamination from the former gasoline service station located on the subject property discussed in the Records Review (Section 4) portion of this report.

Corroded pipes were observed in the shipping containers located on the western portion of the subject property. According to Ryan Rigali, a Real Estate Administrator for the County of Orange, the pipes were rusty piping from old boiler tubes.

A floor drain was observed next to a boiler located inside the building on the central portion of the subject property.

A pad-mounted transformer was observed in the southwestern corner of the subject property. Leaks and spills were not observed within the vicinity of the pad-mounted transformer.

6.3 Adjoining Property Observations

Adjoining properties were observed from the subject property and from publicly accessible vantage points (e.g., streets, sidewalks) during the subject property reconnaissance. The properties adjoining the subject property are as follows and as depicted on Figure 2:

- **North:** Theo Lacy Facility (jail).
- **South:** Garden Grove Freeway.
- **East**: Car storage lot and parking lot, followed by the Santa Ana River.
- **West**: Parking lot for mostly commercial properties.

6.4 Subject Property Observations

Ninyo & Moore evaluated the subject property for evidence of the following potential environmental concerns:

Table 8 – Subject Property Observations

Conditions	Observed or Noted	Comments
Hazardous Substances/Petroleum Products	X	General cleaning and animal care supplies were observed in household quantities inside many of the rooms in the buildings of the former animal shelter. Leaks and spills were not observed within the vicinity of the cleaning and animal care supplies. Six 1-gallon buckets of paint and three household sized containers (less than 1 gallon total) of xylene were observed inside the shipping containers located on the southeastern corner of the subject property. Leaks were not observed in the vicinity of the hazardous materials.
Waste Generation/Storage/Disposal	X	Trash and general debris were observed inside most of the rooms inside of the former animal shelter buildings from vandalism and homeless encampment. These are considered de minimis conditions. Corroded pipes were observed in the shipping containers located on the western portion of the subject property. According to Ryan Rigali, a Real Estate Administrator for the County of Orange, the pipes were rusty piping from old boiler tubes.

Table 8 – Subject Property Observations		
Conditions	**Observed or Noted**	**Comments**
ASTs		Not observed
Potential Evidence of USTs	X	See below notes in "Concrete Patches/Pads"
Potential PCB-Containing Equipment	X	A pad-mounted transformer was observed in the southwestern corner of the subject property.
Chemical/Petroleum Odors		Not observed
Concrete Patches/Pads	X	Approximately one dozen circular concrete patches were observed on the western portion of the subject property. These may be the locations of the monitoring wells drilled to investigate the petroleum-related hydrocarbon contamination from the former gasoline service station located on the subject property discussed in the Records Review (Section 4) portion of this report.
Pools of Liquid		Not observed
Sewage Discharge Pipes		Not observed
Floor Drains/Sumps	X	A floor drain was observed next to a boiler located inside the building on the central portion of the subject property.
Elevator/Hydraulic Equipment		Not observed
Wells		Not observed
Drums		Not observed
Unidentified Substance Containers		Not observed
Stained Soil or Pavement		Not observed
Stressed Vegetation		Not observed
Pits, Ponds, or Lagoons		Not observed
Wastewater Discharges Disposal Systems		Not observed
Septic Systems/Cesspools		Not observed
Municipal Solid Waste Disposal Areas		Not observed

7 INTERVIEWS

Interviews were conducted by Ninyo & Moore staff with the objective of obtaining information regarding potential RECs in connection with the subject property. Interviews with present owners, operators, and/or occupants of the subject property, as well as other knowledgeable parties as appropriate, is mandated by ASTM E 1527-21. A summary of the interviews conducted is provided in the table below.

Table 9 – Interviews	
Representative	**Summary**
Property Owner	Ninyo & Moore provided a user questionnaire to be filled out by the County of Orange. A filled user-questionnaire was returned and reviewed by Ninyo & Moore, in addition to information provided to Ninyo & Moore over email. This information is discussed in Sections 3 and 4.4.
Occupant	Occupants were not interviewed during the subject property reconnaissance.
Past Owners	Past ownership entities were not made available to Ninyo & Moore during the preparation of this ESA. Therefore, interviews with past subject property owners were not conducted.

8 FINDINGS

Based upon the results of this Phase I ESA, the following findings are provided.

- The subject property is located at 561 The City Drive South in Orange, California (hereinafter referred to as the subject property). The Orange County APNs associated with the subject property are 231-091-02, 231-091-03, 231-091-07, and 231-271-02.

- By 1938, the southeastern portion of the subject property contained the bed of the Santa Ana River. The northwestern portion of the subject property was undeveloped land containing wild vegetation. By 1947, the southwestern corner of the subject property was agricultural farmland. The Santa Ana River was channeled adjoining to the southeast and no longer part of the subject property. By 1972, the subject property contained a gasoline service station, further discussed in the Records Review (Section 4) portion of this report. A T-shaped structure is present on the western portion of the subject property, most likely the awning of the service station. Additionally, several rectangular structures were built in the northern portion of the subject property. By 1987, the subject property contained an additional rectangular structure on the southwestern portion of the subject property. By 1995, the T-shaped structure was no longer present. According to the case closure report written by the SARWQCB discussed in the Records Review (Section 4) portion of this report, the gasoline service station was no longer active by this time. By 2005, the recreation field, that is now part of the southeastern portion of the subject property, for the Theo Lacy Facility was developed into a grassy area. By 2009, the rectangular structure on the southwestern portion of the subject property was no longer present. The building utilized by the former animal shelter was built on the southern portion of the subject property. By 2020, the subject property and its structures are likely similar to the ones encountered during the property reconnaissance.

- Information provided by Mr. Rigali on August 22, 2024 provided additional information to Ninyo & Moore regarding two on-site OCWD groundwater monitoring wells OM-2 and OM-2A with total depths of approximately 250 feet bgs (groundwater screened between 238 and 246 feet bgs) and 130 feet bgs (groundwater screened between 117 feet bgs and 125 feet bgs), respectively. The chlorinated solvents cis-1,2-DCE, 1,1-DCE, and TCE as well as 1,4-dioxane, which is not a chlorinated solvent, were detected in the samples collected from OM-2 in the most recent monitoring results provided dated July 3, 2006. TCE and 1,4-dioxane were detected above their respective MCLs.

- Due to the presence of the Garden Grove Freeway, built in the 1960s during a time period where leaded gasoline was heavily utilized, adjoining to the south running at a higher elevation above the subject property, there is a potential for aerially-deposited lead in the soil within 50 feet of the freeway. This is considered a REC.

- The subject property address of 561 The City Drive South, Orange, California, is listed in the following environmental databases searched by EDR: HWTS, HAZNET, NPDES, and CIWQS.

- The subject property address of 591 The City Drive South was listed on the following environmental databases searched by EDR: LUST, SWEEPS UST, CA FID UST, HIST CORTESE, UST FINDER RELEASE, CORTESE, and CERS. The former LUST case at 591 The City Drive South is a REC to the subject property due to the reported levels of chemicals of concern reportedly remaining following remedial actions and prior to closure.

- RECs were not observed in the near off-site properties in the vicinity of the subject property during the preparation of this report.

- According to an Asbestos & Lead-Based Paint Inspection Report written by ENCORP in March 2024, asbestos containing materials and lead-based painted components were identified on the subject property.

- Ninyo & Moore conducted a preliminary vapor encroachment screen (pVES) for potential chemicals of concern (COCs) that may migrate as vapors onto the subject property as a result of contaminated soil and/or groundwater near the subject property. Based on the results of the VESM, the presence of a VEC beneath the subject property is likely. A copy of the VESM is included in Appendix F.

9 OPINIONS

Our opinions and rationale for concluding whether the conditions listed in Section 8, above, represent RECs, HRECs, or CRECs (i.e., the presence or likely presence of hazardous

substances or petroleum products on a property due to any release to the environment, under conditions indicative of a release, or a material threat of a future release of hazardous substances, pollutants, contaminants, and/or petroleum/petroleum products at the subject property) is provided below.

9.1 RECs

Mr. Rigali provided additional information to Ninyo & Moore regarding two on-site OCWD groundwater monitoring wells OM-2 and OM-2A with depths of approximately 250 feet bgs (groundwater screened between 238 and 246 feet bgs) and 130 feet bgs (groundwater screened between 117 and 125 feet bgs), respectively, in an email dated August 22, 2024. Chlorinated solvents were detected in the samples collected from OM-2 in the most recent monitoring results provided dated July 2006. Cis-1,2-DCE and 1,1-DCE were detected below their respective MCLs, but TCE and 1,4-dioxane, which is not a chlorinated solvent, were detected above their respective MCLs of 5 µg/L and 1 µg/L at concentrations of 10.9 µg/L and 22.5 µg/L, respectively. The presence of chlorinated solvents and 1,4-dioxane in deep groundwater beneath the subject property is a REC.

Due to the presence of the Garden Grove Freeway, built in the 1960s during a time period where leaded gasoline was heavily utilized, adjoining to the south running at a higher elevation above the subject property, there is a potential for aerially-deposited lead in the soil within 50 feet of the freeway. This is considered a REC.

The subject property address of 591 The City Drive South was listed on the following environmental databases searched by EDR: LUST, SWEEPS UST, CA FID UST, HIST CORTESE, UST FINDER RELEASE, CORTESE, and CERS. This facility is listed on the SWEEPS UST database as having three underground storage tanks in 1993 including two 9,950-gallon motor vehicle fuel tanks containing regular and unleaded fuel and one 280-gallon waste oil tank. This facility is listed on the Geotracker database as having a LUST case with the name UNOCAL#5618 (T0605901216). According to a case closure summary published by the SARWQCB, on April 25, 2003, a gasoline service station operated on the subject property between approximately 1968 and 1994. Soil and water samples were taken between 1990 and 2002. When comparing the chemicals of concern detected in soil and groundwater that were sampled directly prior to, and used in, case closure to current applicable screening levels, several exceedances were observed. Benzene was reported at a concentration of 2.3 parts per million (ppm) at soil boring SP2 approximately 35 feet bgs which exceeds the DTSC screening level for residential soil cancer endpoint of 0.33 ppm. Benzene was reported at a concentration of 840 parts per billion (ppb), at monitoring well MW3A, which exceeds the SARWQCB maximum

contaminant level for drinking water of 1 ppb. Ethylbenzene was reported at a concentration of 1,100 ppb, at monitoring well MW3A, which exceeds the SARWQCB maximum contaminant level for drinking water of 300 ppb. Based on these analyses, concentrations of hazardous contaminants exceed current standards for their respective screening levels. This is a REC to the subject property.

Ninyo & Moore conducted a pVES for potential COCs that may migrate as vapors onto the subject property as a result of contaminated soil and/or groundwater near the subject property. Based on the results of the VESM, the presence of a VEC beneath the subject property is likely. A copy of the VESM is included in Appendix F. This is a REC to the subject property.

9.2 CREC

CRECs were not observed during the preparation of this report.

9.3 HRECs

HRECs were not observed during the preparation of this report.

9.4 De Minimis Conditions

Trash and general debris were observed inside most of the rooms inside of the former animal shelter buildings from vandalism and homeless encampment. These are considered de minimis conditions.

9.5 Data Gaps

Ninyo & Moore requested building records for the subject property addresses from Orange County Public Works Department and has not received a response.

This is considered a data gap. If information is received in the future that alters the conclusions and findings of this report, an addendum will be prepared.

10 CONCLUSIONS

We have performed a Phase I ESA, in conformance with the scope and limitations of the ASTM Practice E 1527-21, of the subject property at 561 The City Drive South in Orange, California. Any exceptions to, or deletions from, this practice are described in Section 1.4 and in the body of this report. This assessment has revealed the following RECs, in addition to lead-based paint and asbestos containing materials reportedly present at the subject property:

- The presence of chlorinated solvents and 1,4-dioxane in groundwater screened between 238 and 246 feet bgs beneath the subject property.
- Potential for aerially-deposited lead contamination from the 22 Freeway.
- Residual levels of some contaminants from a LUST case at 591 The City Drive South which, based on the information provided in the closure packet used in case closure in 2003 by the SARWQCB, exceed present day residential screening levels in soil, as well as MCLs for groundwater.
- A potential for vapor encroachment due to the former LUST case at 591 The City Drive South.

11 REFERENCES

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ENCORP, 2024, Asbestos & Lead-based Paint Inspection Report, Orange County Public Works, Old Animal Shelter, 561 The City Drive, Orange, CA 92868: dated March 25-29.

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Environmental Data Resources Inc., 2024, EDR Historical Topo Map Report, 561 The City Drive South: dated March 27.

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State Water Resources Control Board, 2024, GeoTracker Online Database: http://geotracker.swrcb.ca.gov: accessed in April.

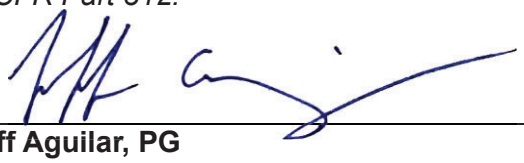
United States Geological Survey (USGS), National Geologic Map Database, https://ngmdb.usgs.gov/ngmdb/ngmdb_home.html, accessed in April.

United States Pipeline and Hazardous Materials Safety Administration, 2024, National Pipeline Mapping System Map Viewer: https://pvnpms.phmsa.dot.gov/PublicViewer/: accessed in April.

12 PROFESSIONAL STATEMENT

As required by 40 CFR §312.21(d) and Section 12.13 of ASTM 1527-21, the following statement is included:

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

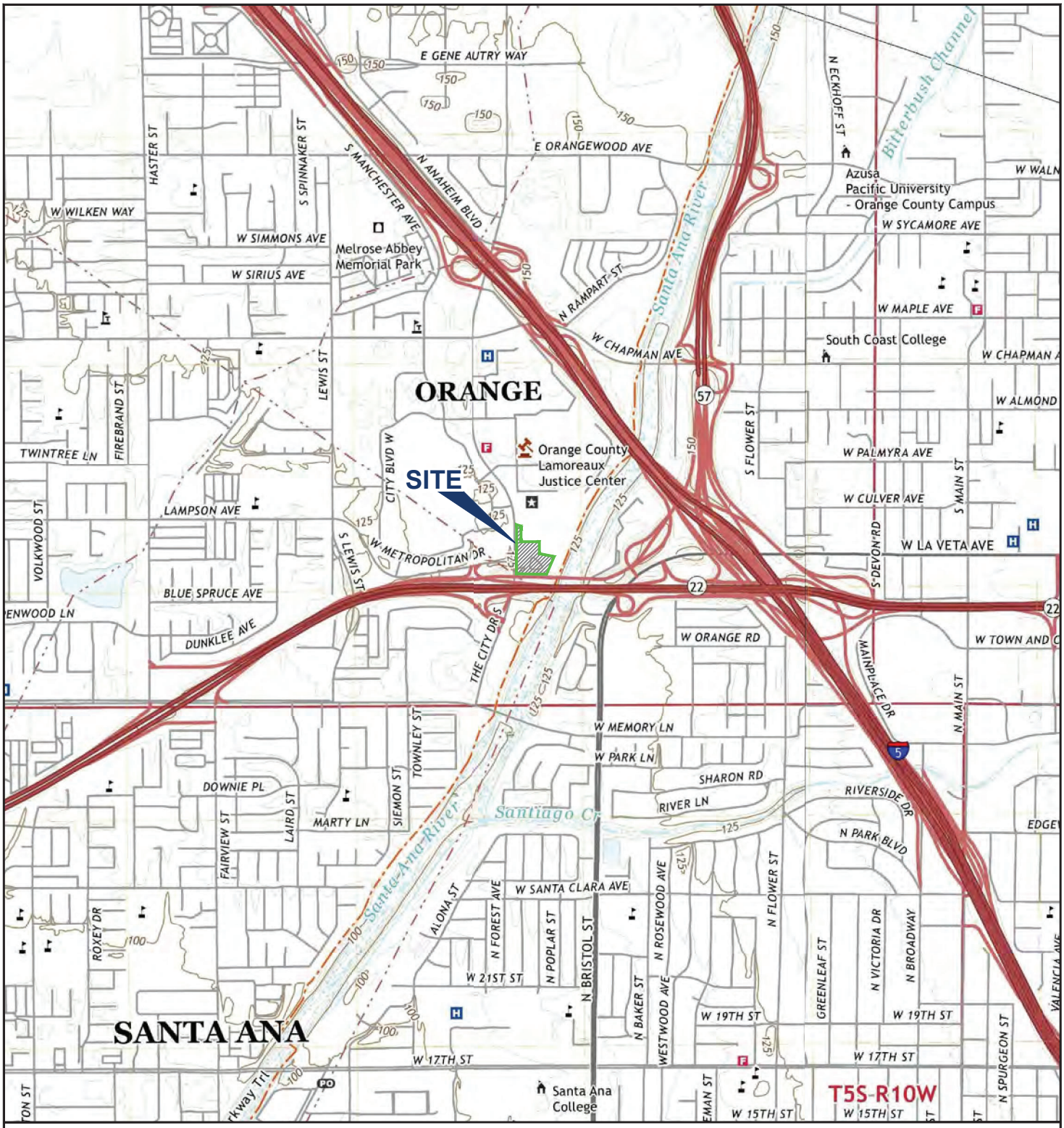


Jeff Aguilar, PG
Principal Geologist

13 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL

Resumes, which document the professional qualifications, pursuant to 40 CFR §312.10(b)(2), of the persons that prepared and reviewed this report are provided as Appendix G.

FIGURES



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NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. I REFERENCE: USGS, 2022.

N

FEET
0 2,000 4,000

FIGURE 1

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

SITE LOCATION

WORKFORCE RENTRY CENTER
561 THE CITY DRIVE SOUTH
ORANGE, CALIFORNIA

212172013 I 10/24



LEGEND

SITE BOUNDARY

BUILDING

T PAD-MOUNTED TRANSFORMER

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. I REFERENCE: GOOGLE EARTH, 2024.

N

FEET

0 120 240

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FIGURE 2

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

SITE PLAN

WORKFORCE RENTRY CENTER
561 THE CITY DRIVE SOUTH
ORANGE, CALIFORNIA

212172013 I 10/24

APPENDIX A

Photographs



Photograph 1: **Western entrance to the subject property (561 The City Drive South, Orange, California, 92868).**



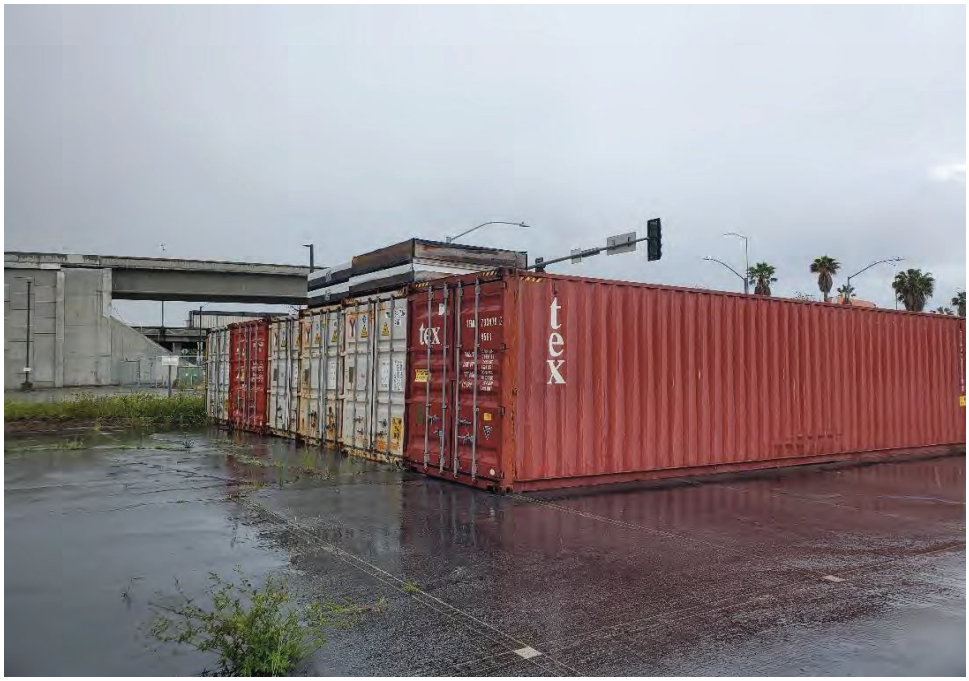
Photograph 2: **Intersection between West Metropolitan Drive and The City Drive South bordering the west side of the subject property.**

FIGURE A-1

PHOTOGRAPHS

561 THE CITY DRIVE SOUTH
ORANGE, CALIFORNIA

212172013 | 10/24



Photograph 3: **Six storage containers located on the western portion of the subject property.**



Photograph 4: **Garden Grove Freeway bordering the southern portion of the subject property.**

FIGURE A-2

PHOTOGRAPHS

561 THE CITY DRIVE SOUTH
ORANGE, CALIFORNIA

212172013 | 10/24



Photograph 5: **View of former animal shelter administration building located on the northern portion of the subject property.**



Photograph 6: **View of the parking lot on the western portion of the subject property.**

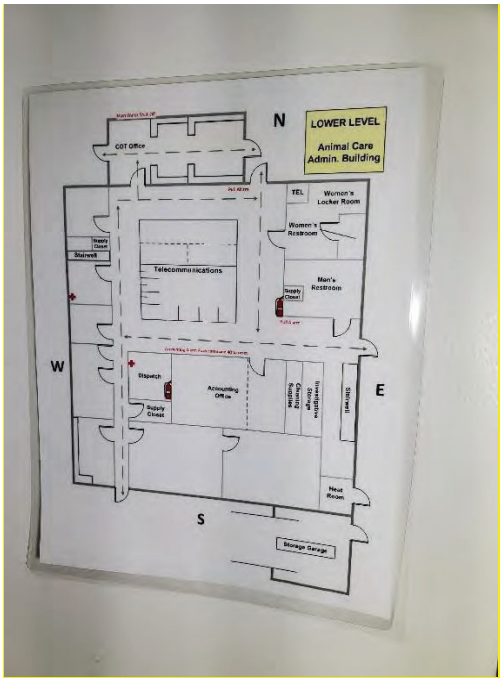
FIGURE A-3

PHOTOGRAPHS

561 THE CITY DRIVE SOUTH
ORANGE, CALIFORNIA



Photograph 7: **Trash and debris inside the former administration building from vandalism and homeless encampment.**



Photograph 8: **Building map of inside of the former administration building.**

FIGURE A-4

PHOTOGRAPHS

561 THE CITY DRIVE SOUTH
ORANGE, CALIFORNIA



Photograph 9: **Parking lot on the northwestern appendage of the subject property.**



Photograph 10: **Boiler located near the central portion of the subject property.**



Photograph 11: **Prison recreational yard located on the southeastern portion of the subject property.**



Photograph 12: **Former cat housing trailers near the prison recreation yard located on the southeastern portion of the subject property.**

FIGURE A-6

PHOTOGRAPHS

561 THE CITY DRIVE SOUTH
ORANGE, CALIFORNIA

212172013 | 10/24



Photograph 13: **Cell phone tower located on the southern portion of the subject property.**



Photograph 14: **Pad-mounted transformer located on the southwestern corner of the subject property.**



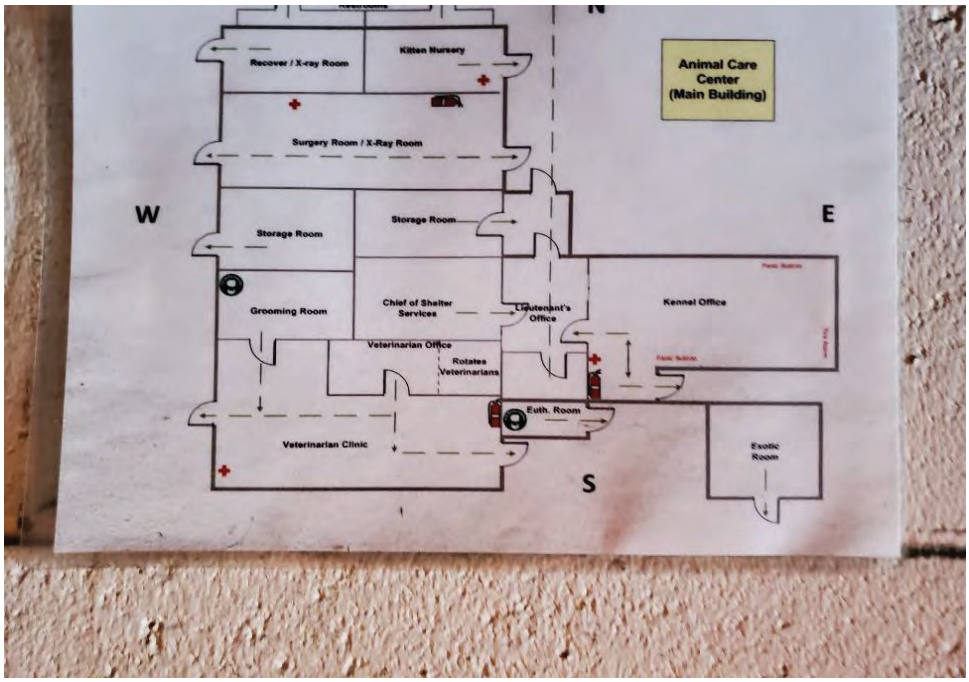
Photograph 15: **Two shipping containers located on the southeastern corner of the subject property.**



Photograph 16: **Six 1-gallon buckets of paint inside shipping containers located on the southeastern corner of the subject property.**



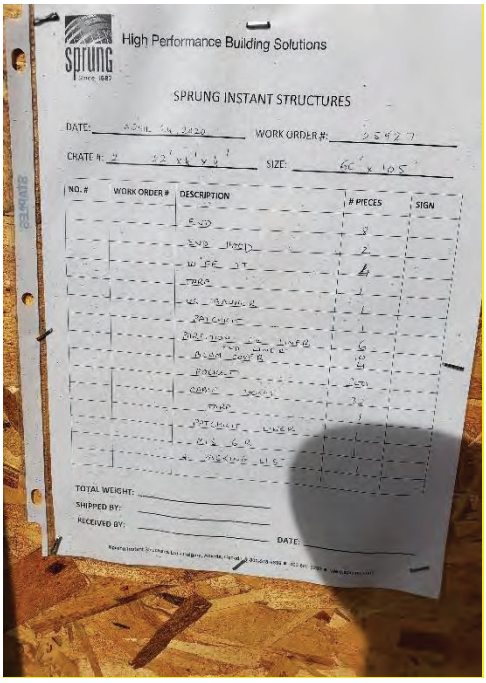
Photograph 17: **Three containers of Xylene inside shipping containers located on the southeastern corner of the subject property.**



Photograph 18: **Building map of former animal shelter main building located on the central portion of the subject property.**



Photograph 19: **Circular concrete patch located on the western portion of the subject property.**



Photograph 20: **Contents of shipping container located on the western portion of the subject property.**

FIGURE A-10

PHOTOGRAPHS

561 THE CITY DRIVE SOUTH
ORANGE, CALIFORNIA



Photograph 21: **Corroded pipes observed inside shipping container located on the western portion of the subject property.**



Photograph 22: **Cages located in the central portion of the subject property.**



Photograph 23: **Sewer drain located near the building on the central portion of the subject property.**



Photograph 24: **Floor drain next to boiler located inside the building on the central portion of the subject property.**

APPENDIX B

User and Property Owner Provided Information

PHASE I ESA
USER
QUESTIONNAIRE

Property Name/Address: 561 The City Dr. S., Orange, CA 92868 (Old Animal Shelter/Red Sector of Theo Lacy rec yard/Manchester Complex)

Please respond to all of the following questions to the best of your knowledge. The purpose of this questionnaire is to assist the user (the client or party seeking to use the Phase I ESA) and the environmental professional in gathering information from the user that may be material to documenting Recognized Environmental Conditions (RECs) at the site. Please note that the user of the Phase I ESA (the client), if seeking protection from CERCLA liability, must adhere to a set of user responsibilities as defined by the American Society for Testing and Materials (ASTM) Standard Practice E1527-21 and the United States Environmental Protection Agency (EPA) 40 Code of Federal Regulations Part 312 titled "Standards and Practices for all Appropriate Inquiries (AAI)". Failure to provide this information could result in a determination that AAI is not complete.

Per ASTM Standard E1527-21 and 40 CFR Part 312 of the AAI rule, the user's responsibilities include, but are not limited to, the following:

- review reasonably ascertainable land title records, lien records, and/or judicial records to search for environmental cleanup liens or activity and use limitations (AULs) against the site filed or recorded under federal, tribal, state, or local law, or engage a title company to review such records. Evidence of environmental liens and/or activity and use limitations on the site, if discovered, must be provided to the environmental consultant;
- report to the environmental professional specialized knowledge or experience material to RECs in connection with the property;
- report to the environmental professional knowledge of environmental liens or AULs encumbering or in connection with the property;
- consider the relationship of the purchase price of the property to its fair market value and whether a lower purchase price is related to potential contamination;
- report to the environmental professional commonly known or reasonably ascertainable information material to RECs; and
- report to the environmental professional the reason for conducting the Phase I ESA.

User responsibilities, CERCLA liability relief, and AAI components are discussed in the AAI rule and in the ASTM E1527-05 standard.

1) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

1a. Have you conducted a search for environmental cleanup liens that are filed or recorded under federal, tribal, state or local law?

(●) Yes ( ) No If yes, please describe: Preliminary title report was obtained covering most of property. Will order new title report after ALTA survey completed to include portion of APN 002-231-43 not covered by current title report.

1b. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

( ) Yes (●) No If yes, please describe:

2) Activity and land use limitations (AULs) that are in place on the site or that have been filed or recorded in a registry.

2a. Have you conducted a search for the existence of AULs, such as engineering controls, land use restrictions or institutional controls, that have been filed or recorded in a registry under federal, tribal, state or local law?

(●) Yes ( ) No If yes, please describe: Preliminary title report was obtained covering most of property. Reviewed acquisition grant deed for APN 002-231-43. Reviewed City land use and zoning.

2b. Are you aware of any AULs that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law?

(●) Yes ( ) No If yes, please describe: The site contains an approx. four(4) foot wide sliver of APN 002-231-43 along its easterly border. There is a deed restriction limiting use of this parcel to a surface parking lot.

3) Specialized knowledge or experience of the person seeking to qualify for the liability protections (40 CFR 312.28).

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

( ) Yes (●) No If yes, please describe:

4) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).

4a. Does the purchase price being paid for this property reasonably reflect the fair market value of the property?

( ) Yes ( ) No (●) Not applicable (No Property Purchase Involved)

4b. If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?

( ) Yes ( ) No If yes, please describe:

N/A

5) Commonly known or reasonably ascertainable information about the property (40 CFA 312.30).
Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as the user,

a) Do you know the past uses of the property?
(●) Yes ( ) No If yes, please describe: orchards, commercial/retail/office building (including paintball store), service station, animal shelter, recreational yard for jail, cell tower

b) Do you know of specific chemicals that are present or once were present at the property?
(●) Yes ( ) No If yes, please describe: asbestos, lead-based paint, prior gasoline chemicals

c) Do you know of spills or other chemical releases that have taken place at the property?
(●) Yes ( ) No If yes, please describe: Prior leaking underground storage tank (LUST) - gasoline released with drinking/ground water affected. Excavation, disposal, vapor extraction conducted.

d) Do you know of any environmental cleanups that have taken place at the property?
(●) Yes ( ) No If yes, please describe: LUST cleanup - case closed 4/25/2003

6) The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).
As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property?
(●) Yes ( ) No If yes, please describe: Asbestos and Lead-Based Paint

7) What is the reason for having the Phase I ESA performed (ASTM 1527-21)?

Site due diligence for development of the premises into a Workforce Reentry Center.

8) Are you aware of any previously prepared documentation for the site, such as:

- previous Phase I ESA or Phase II ESA reports
- environmental sampling, compliance audit, or assessment reports
- environmental permits
- registrations for aboveground or underground storage tanks
- registrations for underground injections systems
- material safety data sheets (MSDS)
- community right-to-know plans,
- safety plans; preparedness and prevention plans; spill prevention, countermeasure, and control plans
- geotechnical or hydrogeologic reports
- storm water documents
- risk assessments
- hazardous waste generator notices

(●) Yes ( ) No If yes, please describe: Prior Hazardous Materials Assessments (1998, 2005, 2008 Addendum), Asbestos and Lead-Based Paint Inspection Reports (2018, 2024), Geotechnical Evaluation (2022), various documents related to former Unocal LUST site that was assessed and remediated with case closure issued in April 2003, Water Quality Management Plan WQ07-0032, Preliminary Title Report (2023).

A response document was prepared in response to a historical stormwater investigation at the subject property. There was concern raised in the early to mid 2000s that animal kennel waste was being washed into trench drains in front of the cages that were connected to the storm drain system and ultimately the Santa Ana River. Essentially, OC Weekly was investigating the facility and the County's Resources & Development Management Department (RDMD) provided a response document.

Completed By:



4/27/24

Signature Date

Ryan Rigali Real Estate Administrator County of Orange

Printed Name Title Company

Fidelity National Title Company
555 S. Flower Street, Suite 4420, Los Angeles, CA 90071
Phone: (213) 452-7100• Fax:

Issuing Policies of Fidelity National Title Insurance Company

---

Order No.: 995-30109939-2AA

TO:

OC Public Works
601 North Ross St.
Santa Ana, CA 92701

ATTN: **Ryan Rigali**
YOUR REFERENCE:

Main Office Line: (213) 452-7100

Title Officer: Amy Andries (MA-LA)
Title Officer Phone: (213) 452-7100
Title Officer Fax:
Title Officer Email: LANCS@fnf.com

PROPERTY ADDRESS: 561 The City Drive South, Orange, CA

PRELIMINARY REPORT

In response to the application for a policy of title insurance referenced herein, ***Fidelity National Title Company*** *hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a policy or policies of title insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an exception herein or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations or Conditions of said policy forms.*

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Attachment One. The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Attachment One. Copies of the policy forms should be read. They are available from the office which issued this report.

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

The policy(s) of title insurance to be issued hereunder will be policy(s) of Fidelity National Title Insurance Company, a Florida Corporation.

Please read the exceptions shown or referred to herein and the exceptions and exclusions set forth in Attachment One of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.

It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects and encumbrances affecting title to the land.

Countersigned by:

Authorized Signature

Fidelity National Title Company
555 S. Flower Street, Suite 4420, Los Angeles, CA 90071
Phone: (213) 452-7100• Fax:

PRELIMINARY REPORT

EFFECTIVE DATE: **December 6, 2023 at 7:30 a.m.**

ORDER NO.: 995-30109939-2AA

The form of policy or policies of title insurance contemplated by this report is:

A PRELIMINARY REPORT ONLY

1. THE ESTATE OR INTEREST IN THE LAND HEREINAFTER DESCRIBED OR REFERRED TO COVERED BY THIS REPORT IS:

   A Fee as to Parcel(s) 1, 2, 3, 4, 4B and 5;
   Easement(s) more fully described below as to Parcel(s) 4A

2. TITLE TO SAID ESTATE OR INTEREST AT THE DATE HEREOF IS VESTED IN:

   COUNTY OF ORANGE, as to Parcels 1, 2, and 4;

   COUNTY OF ORANGE, a political subdivision of the State of California, as to Parcel 3 and

   THE COUNTY OF ORANGE, STATE OF CALIFORNIA, a municipal corporation, as to Parcel 5

3. THE LAND REFERRED TO IN THIS REPORT IS DESCRIBED AS FOLLOWS:

   See Exhibit A attached hereto and made a part hereof.

EXHIBIT A

LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF ORANGE, COUNTY OF ORANGE, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

PARCEL 1: APN: 231-091-02

THAT PORTION OF LOT 28 OF THE POTTS BORDEN AND SIDWELL TRACT, IN THE CITY OF ORANGE, COUNTY OF ORANGE, STATE OF CALIFORNIA, AS SHOWN ON A MAP RECORDED IN BOOK 4, PAGE 624 OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF LOS ANGELES COUNTY, CALIFORNIA, DESCRIBED AS FOLLOWS:

BEGINNING AT THE POINT OF INTERSECTION OF THE CENTER LINE OF PLACENTIA AVENUE AS DESCRIBED IN THE DEED TO THE COUNTY OF ORANGE, RECORDED AUGUST 2, 1951 IN BOOK 2212, PAGE 183, OF OFFICIAL RECORDS WITH THE NORTHERLY LINE OF SAID LOT 28;
THENCE EASTERLY 283.00 FEET ALONG THE NORTHERLY LINE OF SAID LOT;
THENCE SOUTHERLY 248.00 FEET AT RIGHT ANGLES TO SAID NORTHERLY LINE;
THENCE WESTERLY PARALLEL TO THE NORTHERLY LINE OF SAID LOT 28, TO A POINT OF INTERSECTION WITH THE CENTER LINE OF SAID PLACENTIA AVENUE;
THENCE NORTHERLY ALONG SAID CENTER LINE TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM THE LAND DESCRIBED IN THE DEED TO THE STATE OF CALIFORNIA, RECORDED ON NOVEMBER 27, 1961 AS INSTRUMENT NO. 16530 IN BOOK 5923, PAGE 1, OF OFFICIAL RECORDS OF SAID COUNTY.

ALSO EXCEPTING THEREFROM THE WESTERLY 204.00 FEET AS DESCRIBED IN THE DEED TO E. LEE SCHULTZ, ET AL, RECORDED AUGUST 10, 1964 AS INSTRUMENT NO. 6365 IN BOOK 7170, PAGE 26, OF OFFICIAL RECORDS OF SAID COUNTY.

PARCEL 2: APN: 231-091-09

THAT PORTION OF LOT 28 OF THE "POTTS, BORDEN AND SIDWELL TRACT", IN THE CITY OF ORANGE, COUNTY OF ORANGE, STATE OF CALIFORNIA, AS SHOWN ON A MAP RECORDED IN BOOK 4, PAGE 624 OF MISCELLANEOUS RECORDS OF LOS ANGELES COUNTY, CALIFORNIA, DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE CENTERLINE OF PLACENTIA AVENUE (NOW KNOWN AS MANCHESTER AVENUE) AS DESCRIBED IN THE DEED TO THE COUNTY OF ORANGE, RECORDED AUGUST 2, 1951 IN BOOK 2212, PAGE 183, OF OFFICIAL RECORDS IN THE OFFICE OF THE COUNTY RECORDER OF SAID ORANGE COUNTY, WITH THE NORTH LINE OF SAID LOT 28;
THENCE, EASTERLY 591.10 FEET ALONG THE NORTH LINE OF SAID LOT 28 TO AN INTERSECTION WITH THE NORTHWESTERLY LINE OF THE 630.00 FOOT WIDE STRIP OF LAND DESCRIBED AS "PARCEL 2", IN THE DEED TO THE COUNTY OF ORANGE, RECORDED MAY 25, 1932 IN BOOK 557, PAGE 264, OF OFFICIAL RECORDS OF SAID ORANGE COUNTY;
THENCE, SOUTHWESTERLY 392.13 FEET ALONG SAID NORTHWESTERLY LINE TO AN INTERSECTION WITH THE NORTHERLY LINE OF THAT CERTAIN LAND DESCRIBED AS "PARCEL 1" IN THE DEED TO THE STATE OF CALIFORNIA, RECORDED NOVEMBER 6, 1962 IN BOOK 6311, PAGE 631, OF OFFICIAL RECORDS OF SAID ORANGE COUNTY, SAID NORTHERLY LINE BEING DESCRIBED AS "NORTH 88° 50' 38" WEST 409.58 FEET";
THENCE, WESTERLY ALONG SAID NORTHERLY LINE AND ITS WESTERLY EXTENSION TO AN INTERSECTION WITH THE CENTERLINE OF SAID PLACENTIA AVENUE (NOW KNOWN AS MANCHESTER AVENUE);
THENCE, NORTHERLY ALONG SAID CENTERLINE TO THE POINT OF BEGINNING.

EXHIBIT A
(Continued)

EXCEPTING THEREFROM ANY PORTION LYING WITHIN THAT CERTAIN LAND DESCRIBED AS “PARCEL 1” IN SAID DEED TO THE STATE OF CALIFORNIA.

ALSO EXCEPTING THEREFROM THE FOLLOWING DESCRIBED LAND:

BEGINNING AT THE POINT OF INTERSECTION OF THE CENTERLINE OF PLACENTIA AVENUE (NOW KNOWN AS MANCHESTER AVENUE) AS DESCRIBED IN SAID DEED TO THE COUNTY OF ORANGE, WITH THE NORTH LINE OF SAID LOT 28;
THENCE, EASTERLY ALONG SAID NORTH LINE 283.00 FEET;
THENCE, SOUTHERLY 248.00 FEET, AT RIGHT ANGLES TO SAID NORTH LINE; TO AN INTERSECTION WITH A LINE PARALLEL TO SAID NORTH LINE;
THENCE, WESTERLY ALONG SAID PARALLEL LINE TO AN INTERSECTION WITH THE CENTERLINE OF SAID PLACENTIA AVENUE;
THENCE, NORTHERLY ALONG SAID CENTERLINE TO THE POINT OF BEGINNING.

ALSO EXCEPT THEREFROM THAT PORTION OF SAID LAND CONVEYED TO THE COUNTY OF ORANGE TRANSPORTATION AUTHORITY, MORE PARTICULARLY DESCRIBED IN THAT CERTAIN DOCUMENT RECORDED NOVEMBER 30, 2004 AS INSTRUMENT NO. 2004001062820, OF OFFICIAL RECORDS AND RE-RECORDED OCTOBER 5, 2010 AS INSTRUMENT NO. 2010000500677, OF OFFICIAL RECORDS.

PARCEL 3: APN: 231-091-03

PARCEL 1, IN THE CITY OF ORANGE, COUNTY OF ORANGE, STATE OF CALIFORNIA, AS SHOWN ON MAP FILED IN BOOK 25, PAGE 32 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF ORANGE COUNTY, CALIFORNIA.

PARCEL 4:

THE SURFACE AND THOSE PORTIONS OF THE SUBSURFACE WHICH LIE ABOVE A PLANE PARALLEL TO AND 500 FEET MEASURED VERTICALLY DOWNWARD BELOW THE SURFACE OF THE FOLLOWING DESCRIBED REAL PROPERTY:

THAT PORTION OF LOT 28 OF POTTS, BORDEN AND SIDWELL TRACT, IN THE CITY OF ORANGE, COUNTY OF ORANGE, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 4, PAGE 624 OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF LOS ANGELES COUNTY, CALIFORNIA, SHOWN AS PARCEL 2 ON A MAP FILED IN BOOK 25, PAGE 32 OF PARCEL MAPS, IN THE OFFICE OF SAID COUNTY.

PARCEL 4A:

AN EASEMENT FOR A SANITARY SEWER LINE OVER THE WESTERLY 10.00 FEET OF THAT PORTION OF LOT 28, OF POTTS, BORDEN AND SIDWELL TRACT, AS PER MAP RECORDED IN BOOK 4, PAGE 624, OF MISCELLANEOUS RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF LOS ANGELES COUNTY, CALIFORNIA, SHOWN AS PARCEL 1 ON A MAP FILED IN BOOK 25, PAGE 32 OF PARCEL MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

PARCEL 4B: APN: 231-091-07

THAT PORTION OF LOT 28 OF THE "POTTS HORDEN AND SIDWELL TRACT", AS PER MAP RECORDED IN BOOK 4, PAGE 624 OF MISCELLANEOUS MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF LOS ANGELES COUNTY, DESCRIBED AS FOLLOWS:

EXHIBIT A
(Continued)

COMMENCING AT A POINT IN THE SOUTH LINE OF "DAWN TRACT", IN THE CITY OF ORANGE, COUNTY OF ORANGE, STATE OF CALIFORNIA, AS SHOWN ON A MAP RECORDED IN BOOK 8, PAGE 21, OF MISCELLANEOUS MAPS, RECORDS OF SAID ORANGE COUNTY, SAID POINT BEING THE INTERSECTION OF THE SOUTH LINE OF "DAWN TRACT" WITH THE CENTER LINE OF THAT CERTAIN STREET, 40.00 FEET WIDE, SITUATED ALONG THE WEST LINE OF LOT 35 OF SAID "DAWN TRACT";
THENCE ALONG SAID SOUTH LINE SOUTH 89 DEGREES 08' 03" EAST, TO A LINE PARALLEL WITH AND DISTANT EASTERLY 40.00 FEET, MEASURED AT RIGHT ANGLES FROM THE SOUTHERLY PROLONGATION OF SAID CENTERLINE;
THENCE ALONG SAID PARALLEL LINE SOUTH 0 DEGREES 41' 00" WEST, 130.53 FEET TO THE TRUE POINT OF BEGINNING;
THENCE SOUTH 5 DEGREES 03' 22" EAST 100.00 FEET;
THENCE SOUTH 12 DEGREES 01' 33" EAST, 18.47 FEET TO A LINE PARALLEL WITH AND DISTANT SOUTHERLY 248.00 FEET, MEASURED AT RIGHT ANGLES, FROM THE NORTHERLY LINE OF SAID LOT 28;
THENCE ALONG LAST SAID PARALLEL LINE NORTH 89 DEGREES 08' 03" WEST, 17.19 FEET TO A NON-TANGENT CURVE, CONCAVE WESTERLY AND HAVING A RADIUS OF 2040.00 FEET;
THENCE NORTHERLY ALONG SAID CURVE, FROM A TANGENT WHICH BEARS NORTH 03 DEGREES 51' 22" EAST, THROUGH AN ANGLE OF 3 DEGREES 10' 22" AN ARC DISTANCE OF 112.97 FEET TO FIRST SAID PARALLEL LINE;
THENCE ALONG FIRST SAID PARALLEL LINE NORTH 0 DEGREES 41' 00" EAST 4.55 FEET TO SAID TRUE POINT OF BEGINNING.

EXCEPT THEREFROM, ALL OIL, OIL RIGHTS, MINERALS, MINERAL RIGHTS, NATURAL GAS, NATURAL GAS RIGHTS, AND OTHER HYDROCARBONS BY WHATSOEVER NAME KNOWN THAT MAY BE WITHIN OR UNDER THE PARCEL OF LAND HEREINABOVE DESCRIBED, TOGETHER WITH THE PERPETUAL RIGHT OF DRILLING, MINING, EXPLORING AND OPERATING THEREFOR AND REMOVING THE SAME FROM SAID LAND OR ANY OTHER LAND, INCLUDING THE RIGHT TO WHIPSTOCK OR DIRECTIONALLY DRILL AND MINE FROM LANDS OTHER THAN THOSE HEREINABOVE DESCRIBED, OIL OR GAS WELLS, TUNNELS AND SHAFTS INTO, THROUGH OR ACROSS THE SUBSURFACE OF THE LAND HEREINABOVE DESCRIBED, AND TO BOTTOM SUCH WHIPSTOCKED OR DIRECTIONALLY DRILLED WELLS, TUNNELS AND SHAFTS UNDER AND BENEATH OR BEYOND THE EXTERIOR LIMITS THEREOF, AND TO REDRILL, RETUNNEL, EQUIP, MAINTAIN, REPAIR, DEEPEN AND OPERATE ANY SUCH WELLS OR MINES, WITHOUT, HOWEVER, THE RIGHT TO DRILL, MINE, STORE, EXPLORE AND OPERATE THROUGH THE SURFACE OR THE UPPER 100 FEET OF THE SUBSURFACE OF THE LAND HEREINABOVE DESCRIBED, OR OTHERWISE IN SUCH MANNER AS TO ENDANGER THE SAFETY OF ANY HIGHWAY THAT MAY BE CONSTRUCTED ON SAID LANDS, AS RESERVED IN THE DEED FROM HENRY J. SIEVERS AND FERN O. SIEVERS, HUSBAND AND WIFE, RECORDED NOVEMBER 27, 1961 IN BOOK 5923, PAGE 1, OF OFFICIAL RECORDS.

PARCEL 5: APN: 231-271-02

LOT 35 OF THE DAWN TRACT, IN THE CITY OF ORANGE, COUNTY OF ORANGE, STATE OF CALIFORNIA, AS SHOWN ON MAP RECORDED IN BOOK 8, PAGE 21 OF MISCELLANEOUS MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF ORANGE COUNTY, CALIFORNIA.

EXCEPT THE EASTERLY 20 FEET OF THE WESTERLY 40 FEET OF SAID LAND AS CONVEYED TO THE STATE OF CALIFORNIA BY DEED RECORDED MAY 11, 1962 IN BOOK 6105, PAGE 4, OF OFFICIAL RECORDS.

EXHIBIT A
(Continued)

ALSO EXCEPT THAT PORTION CONVEYED TO THE ORANGE COUNTY FLOOD CONTROL DISTRICT, A BODY CORPORATE AND POLITIC, BY DEED RECORDED APRIL 14, 1975 IN BOOK 11377, PAGE 1504, OF OFFICIAL RECORDS.

EXCEPTIONS

AT THE DATE HEREOF, ITEMS TO BE CONSIDERED AND EXCEPTIONS TO COVERAGE IN ADDITION TO THE PRINTED EXCEPTIONS AND EXCLUSIONS IN SAID POLICY FORM WOULD BE AS FOLLOWS:

A. Property taxes, including any personal property taxes and any assessments collected with taxes, are as follows:

Tax Identification No.:	231-091-02
Fiscal Year:	2023 - 2024
1st Installment:	$440.34, OPEN (Delinquent after December 10)
Penalty:	$44.03
2nd Installment:	$440.34, OPEN (Delinquent after April 10)
Penalty and Cost:	$67.03
Homeowners Exemption:	$261,511.00 (All Other)
Code Area:	08-135

Affects: Parcel 1.

B. Property taxes, including any personal property taxes and any assessments collected with taxes, are as follows:

Tax Identification No.:	231-271-02
Fiscal Year:	2023 - 2024
1st Installment:	$1,076.34, OPEN (Delinquent after December 10)
Penalty:	$107.63
2nd Installment:	$1,076.34, OPEN (Delinquent after April 10)
Penalty and Cost:	$130.63
Homeowners Exemption:	$6,014,297.00 (All Other)
Code Area:	08-135

Affects: Parcel 5.

C. There were no taxes levied for the fiscal year 2023 - 2024 as the property was vested in a public entity.

Affects: Parcels 2, 3 and 4.

D. The lien of supplemental or escaped assessments of property taxes, if any, made pursuant to the provisions of Chapter 3.5 (commencing with Section 75) or Part 2, Chapter 3, Articles 3 and 4, respectively, of the Revenue and Taxation Code of the State of California as a result of the transfer of title to the vestee named in Schedule A or as a result of changes in ownership or new construction occurring prior to Date of Policy.

1. Water rights, claims or title to water, whether or not disclosed by the public records.

2. Easement(s) in favor of the public over any existing roads lying within said Land.

THE FOLLOWING MATTERS AFFECT PARCELS 1 AND 2:

3. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	County of Orange
Purpose:	Highway
Recording Date:	July 24, 1951
Recording No:	39632, Book 2212, Page 183, of Official Records
Affects:	As described therein.

EXCEPTIONS
(Continued)

4. Waiver of any claims for damages to said Land by reason of the location, construction, landscaping or maintenance of the street or highway adjoining said Land, as contained in the deed to

County/City/State:	State of California
Recording Date:	November 27, 1961
Recording No.:	16530, Book 5923, Page 1, of Official Records

5. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	State of California
Purpose:	Highway slope and power utilities
Recording Date:	November 6, 1962
Recording No:	3743, Book 6311, Page 631, of Official Records
Affects:	As described therein.

6. Waiver of any claims for damages to said Land by reason of the location, construction, landscaping or maintenance of the street or highway adjoining said Land, as contained in the deed to

County/City/State:	State of California
Recording Date:	November 6, 1962
Recording No.:	3743, Book 6311, Page 631, of Official Records

7. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	The City of Orange, a municipal corporation
Purpose:	Street and public utility purposes
Recording Date:	May 21, 1998
Recording No:	19980314757, of Official Records
Affects:	As described therein.

8. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	Orange County Flood Control District, a body corporate and politic
Purpose:	Storm drain and appurtenant purposes
Recording Date:	October 21, 2009
Recording No:	2009000571573, of Official Records
Affects:	As described therein.

9. Covenants, conditions and restrictions but omitting any covenants or restrictions, if any, including but not limited to those based upon age, race, color, religion, sex, gender, gender identity, gender expression, sexual orientation, marital status, national origin, ancestry, familial status, source of income, disability, veteran or military status, genetic information, medical condition, citizenship, primary language, and immigration status, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth in the document

Recording Date:	October 21, 2009
Recording No:	2009000571573, of Official Records

Said covenants, conditions and restrictions provide that a violation thereof shall not defeat the lien of any mortgage or deed of trust made in good faith and for value.

EXCEPTIONS
(Continued)

10. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

Entitled:	Memorandum of Lease
Lessor:	Global Signal Acquisitions III LLC, a Delaware limited liability company
Lessee:	New Cingular Wireless PCS, LLC, a Delaware limited liability company
Recording Date:	November 22, 2011
Recording No:	2011000595364, of Official Records

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

11. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other matters shown on

Map:	Record of Survey
Recording No:	Book 85, Page 1, of Records of Survey

12. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other matters shown on

Map:	Record of Survey Map No. 2003-1006
Recording No:	Book 199, Pages 1 to 16, inclusive of Records of Survey

THE FOLLOWING MATTERS AFFECT PARCEL 3:

13. The reservation for roads, railroads and ditches of a strip of land 30 feet wide, along, adjoining and each side of the township and section lines, and the reservation of the use and control of cienegas and natural streams of water, if any, naturally upon, flowing across, into or by said tract, and the right of way for and to construct irrigation or drainage ditches through said tract to irrigate or drain the adjacent land, as reserved by the Stearns Ranchos Company in the deed recorded in Book 13, Page 347, of Deeds.

14. Easement(s) for the purpose(s) shown below and rights incidental thereto as condemned by an instrument,

Entitled:	Final Order of Condemnation
Court:	Superior Court of the State of California
In favor of:	City of Orange
Purpose:	Constructing, installing, maintaining and renewing an outfall sewer pipe line
Recording Date:	June 23, 1924
Recording No:	Book 528, Page 319, of Deeds
Affects:	A portion of said land.

15. Waiver of any claims for damages to said Land by reason of the location, construction, landscaping or maintenance of the street or highway adjoining said Land, as contained in the deed to

County/City/State:	State of California
Recording Date:	November 27, 1961
Recording No.:	Book 5923, Page 1, of Official Records

EXCEPTIONS
(Continued)

16. Easement(s) for the purpose(s) shown below and rights incidental thereto as reserved in a document;

Reserved by:	Henry J. Sievers and Fern O. Sievers
Purpose:	Ingress and egress from Manchester Avenue, East to the appurtenant
Recording Date:	August 10, 1964
Recording No:	Book 7170, Page 26, of Official Records
Affects:	25 feet wide.

Said deed provides that: "Said easement will be precisely located and described by the grantees, their successors or assigns, prior to the commencement of construction of improvements on the above described land, and such description shall be duly recorded in the Office of the Recorder of Orange County, upon the recordation of the description, the grantor shall have no further right, title or interest in the hereinabove described land other than the precisely located non-exclusive easement for ingress and egress."

17. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other matters shown on

Map:	Record of Survey
Recording No:	Book 85, Page 1, of Record of Surveys
and Recording No:	Book 199, Pages 1 to 16, inclusive of Record of Surveys

18. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	The County of Orange
Purpose:	Ingress, egress and utilities
Recording Date:	October 6, 1966
Recording No:	Book 8069, Page 64, of Official Records
Affects:	The Northerly 25 feet of the land.

19. Easement(s) for the purpose(s) shown below and rights incidental thereto as reserved in a document;

Purpose:	Sanitary sewer line
Recording Date:	November 19, 1969
Recording No:	Book 9140, Page 887, of Official Records
Affects:	The Westerly 10 feet of the land.

20. The Land described herein is included within a project area of the Redevelopment Agency shown below, and that proceedings for the redevelopment of said project have been instituted under the Redevelopment Law (such redevelopment to proceed only after the adoption of the Redevelopment Plan) as disclosed by a document.

Redevelopment Agency:	Southwest Redevelopment Project
Recording Date:	November 26, 1984
Recording No:	84-491471, of Official Records

EXCEPTIONS
(Continued)

21. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	The City of Orange, a municipal corporation
Purpose:	Traffic signal control devices
Recording Date:	December 31, 1992
Recording No:	92-898030, of Official Records
Affects:	As described therein.

22. Matters contained in that certain document

Entitled:	Agreement and Declaration of Covenants, Conditions, Restrictions, Waiver and Release
Executed by:	Union Oil Company of California, a California corporation, doing business as UnoCal and The County of Orange, a political subdivision of the State of California
Recording Date:	December 8, 1998
Recording No:	19980842738, of Official Records

Reference is hereby made to said document for full particulars.

THE FOLLOWING MATTERS AFFECT PARCEL 4:

23. The use and control of cienegas and natural streams of water, if any, naturally upon, flowing across, into or by said described tract, and the right of way for and to construct irrigation or drainage ditches through said tract to irrigate or drain the adjacent land, as reserved by the Stearns Ranchos Company in the deed recorded in Book 13, Page 347, of Deeds.

24. Waiver of any claims for damages to said Land by reason of the location, construction, landscaping or maintenance of the street or highway adjoining said Land, as contained in the deed to

County/City/State:	County of Orange
Recording Date:	August 2, 1951
Recording No.:	Book 2212, Page 183, of Official Records

25. Waiver of any claims for damages to said Land by reason of the location, construction, landscaping or maintenance of the street or highway adjoining said Land, as contained in the deed to

County/City/State:	State of California
Recording Date:	November 27, 1961
Recording No.:	Book 5923, Page 1, of Official Records

26. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other matters shown on

Map:	Record of Survey
Recording No:	Book 85, Page 1, of Record of Surveys
and Recording No:	Book 199, Pages 1 to 16, inclusive of Record of Surveys

27. Easement and rights incidental thereto for ingress, egress, utilities, as set forth in a document recorded October 6, 1966 in Book 8069, Page 64, of Official Records; affecting the Northerly 25 feet of Parcel B.

EXCEPTIONS
(Continued)

28. Covenants, conditions and restrictions but omitting any covenants or restrictions, if any, including but not limited to those based upon age, race, color, religion, sex, gender, gender identity, gender expression, sexual orientation, marital status, national origin, ancestry, familial status, source of income, disability, veteran or military status, genetic information, medical condition, citizenship, primary language, and immigration status, as set forth in applicable state or federal laws, except to the extent that said covenant or restriction is permitted by applicable law, as set forth in the document

Recording No: Book 9140, Page 887, of Official Records

and Recording No: Book 9959, Page 911, of Official Records

Said covenants, conditions and restrictions provide that a violation thereof shall not defeat the lien of any mortgage or deed of trust made in good faith and for value.

29. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Purpose:	Public utilities
Recording No:	Book 13123, Page 1124, of Official Records
Affects:	The Southerly 10 feet of the Westerly 12 feet of Parcel A.

30. The Land described herein is included within a project area of the Redevelopment Agency shown below, and that proceedings for the redevelopment of said project have been instituted under the Redevelopment Law (such redevelopment to proceed only after the adoption of the Redevelopment Plan) as disclosed by a document.

Redevelopment Agency:	Southwest Redevelopment Project
Recording No:	84-491471, of Official Records

31. An unrecorded lease with certain terms, covenants, conditions and provisions set forth therein as disclosed by the document

Entitled:	Memorandum of Ground Lease
Lessor:	Michael Lee Malamut, a married man as his sole and separate property
Lessee:	Cox PCS Assets, L.L.C., a Delaware limited liability company
Recording Date:	October 28, 1998
Recording No:	19980728962, of Official Records

The present ownership of the leasehold created by said lease and other matters affecting the interest of the lessee are not shown herein.

An agreement to amend or modify certain provisions of said lease, as set forth in the document executed by:

As Lessor:	STC One LLC, a Delaware limited liability company
As Lessee:	County of Orange
Recording Date:	May 24, 2012
Recording No:	2012000297925, of Official Records

EXCEPTIONS
(Continued)

32. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	Southern California Edison Company, a corporation, tis successors and assigns
Purpose:	Construct, use, maintain, operate, alter, add to, repair, replace, reconstruct, inspect and remove at any time and from time to time underground electrical supply systems and communication systems
Recording Date:	March 21, 2012
Recording No:	2012000162275, of Official Records
Affects:	As described therein.

THE FOLLOWING MATTERS AFFECT PARCEL 5:

33. Said land abuts the West Bank of the Santa Ana River and is subject to flooding and inundation periodically through the year due to weather conditions and run off storm waters and snow fall from adjoining and up stream property.

34. Any adverse claim based upon the assertion that:

a) Said Land or any part thereof is now or at any time has been below the highest of the high watermarks of Santa Ana River in the event the boundary of said Santa Ana River has been artificially raised or is now or at any time has been below the high watermark, if said Santa Ana River is in its natural state.
b) Some portion of said Land has been created by artificial means or has accreted to such portion so created.
c) Some portion of said Land has been brought within the boundaries thereof by an avulsive movement of Santa Ana River, or has been formed by accretion to any such portion.

35. Rights and easements for navigation and fishery which may exist over that portion of said Land lying beneath the waters of Santa Ana River.

36. Any rights in favor of the public which may exist on said Land if said Land or portions thereof are or were at any time used by the public.

37. Any adverse claim based upon the assertion that said Land or any part thereof is now or at any time has been included within a navigable river, slough, or other navigable body of water.

38. Any adverse claim based on the assertion that the location of the Santa Ana River has moved.

39. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	City of Orange, a municipal corporation
Purpose:	Sewer pipeline for municipal purposes
Recording Date:	December 26, 1923
Recording No:	Book 502, Page 266, of Deeds
Affects:	The Southerly 15 feet of said land.

EXCEPTIONS
(Continued)

40. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	County of Orange
Purpose:	Right of way (Santa Ana River Channel) for construction of flood water protection works with the right to extend beyond the limits of said right of way
Recording Date:	May 25, 1932
Recording No:	Book 557, Page 264, of Official Records
Affects:	A waiver of all claims or damage by flood waters over the Easterly portion of said land.
and Recording Date:	June 16, 1932
and Recording No:	Book 562, Page 74, of Official Records

The interest of the County of Orange has been quitclaimed to the Orange County Flood Control District by Resolution recorded August 18, 1958 in Book 4386, Page 151, of Official Records.

41. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	Southern California Edison Company, a corporation, it's successors and/or assigns
Purpose:	Poles
Recording Date:	July 16, 1958
Recording No:	Book 4351, Page 313, of Official Records
Affects:	The Southerly 6 feet of the Westerly 710 feet of Lot 35.

A Partial Quitclaim of said easement recorded September 8, 1960 in Book 5408, Page 415, of Official Records.

42. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	Southern California Edison Company, a corporation, it's successors and/or assigns
Purpose:	Poles
Recording Date:	April 8, 1959
Recording No:	Book 4662, Page 186, of Official Records
Affects:	A portion of said land as more particularly described in said document.

43. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	County Sanitation District No. 2, a public corporation
Purpose:	Public sewer or sewers and appurtenances
Recording Date:	April 28, 1960
Recording No:	Book 5218, Page 184, of Official Records
Affects:	South 20 feet of said land.

44. The Land described herein is included within a project area of the Redevelopment Agency shown below, and that proceedings for the redevelopment of said project have been instituted under the Redevelopment Law (such redevelopment to proceed only after the adoption of the Redevelopment Plan) as disclosed by a document.

Redevelopment Agency:	Southwest Redevelopment Project
Recording Date:	November 26, 1984
Recording No:	84-491471, of Official Records

EXCEPTIONS
(Continued)

45. Matters contained in that certain document

Entitled:	Easement Deed and Agreement
Dated:	November 4, 1986
Executed by:	County of Orange and Southern California Edison Company, it's successors and/or assigns
Recording Date:	January 8, 1987
Recording No:	87-012516, of Official Records

Reference is hereby made to said document for full particulars.

Said instrument provides or establishes:

An easement and right of way for underground electric lines and communication lines.

46. Matters contained in that certain document

Entitled:	Easement Deed and Agreement
Dated:	November 3, 1992
Executed by:	County of Orange and Southern California Edison Company, it's successors and/or assigns
Recording Date:	November 23, 1992
Recording No:	92-802868, of Official Records

Reference is hereby made to said document for full particulars.

Said instrument provides or establishes:

An easement and right of way for underground electric lines and communication lines.

47. Easement(s) for the purpose(s) shown below and rights incidental thereto, as granted in a document:

Granted to:	City of Orange, a municipal corporation
Purpose:	Street and public utility purposes
Recording Date:	May 21, 1998
Recording No:	19980314756, of Official Records
Affects:	A portion of said land as more particularly described in said document.

THE FOLLOWING MATTERS AFFECT ALL PARCELS:

48. Please be advised that our search did not disclose any open Deeds of Trust of record. If you should have knowledge of any outstanding obligation, please contact the Title Department immediately for further review prior to closing.

49. Matters which may be disclosed by an inspection and/or by a correct ALTA/NSPS Land Title Survey of said Land that is satisfactory to the Company, and/or by inquiry of the parties in possession thereof.

50. Any easements not disclosed by the public records as to matters affecting title to real property, whether or not said easements are visible and apparent.

51. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other matters which a correct survey would disclose and which are not shown by the public records.

EXCEPTIONS
(Continued)

52. Any rights of the parties in possession of a portion of, or all of, said Land, which rights are not disclosed by the public records.

The Company will require, for review, a full and complete copy of any unrecorded agreement, contract, license and/or lease, together with all supplements, assignments and amendments thereto, before issuing any policy of title insurance without excepting this item from coverage.

The Company reserves the right to except additional items and/or make additional requirements after reviewing said documents.

PLEASE REFER TO THE "INFORMATIONAL NOTES" AND "REQUIREMENTS" SECTIONS WHICH FOLLOW FOR INFORMATION NECESSARY TO COMPLETE THIS TRANSACTION.

END OF EXCEPTIONS

REQUIREMENTS SECTION

1. The Company will require the following documents for review prior to the issuance of any title insurance predicated upon a conveyance or encumbrance by the corporation named below:

   Name of Corporation: County of Orange; County of Orange, a political subdivision of the State of California and The County of Orange, State of California, a municipal corporation

   a) A Copy of the corporation By-laws and Articles of Incorporation

   b) An original or certified copy of a resolution authorizing the transaction contemplated herein

   c) If the Articles and/or By-laws require approval by a 'parent' organization, a copy of the Articles and By-laws of the parent

   The Company reserves the right to add additional items or make further requirements after review of the requested documentation.

2. Unrecorded matters which may be disclosed by an Owner's Affidavit or Declaration. A form of the Owner's Affidavit/Declaration is attached to this Preliminary Report/Commitment. This Affidavit/Declaration is to be completed by the record owner of the land and submitted for review prior to the closing of this transaction. Your prompt attention to this requirement will help avoid delays in the closing of this transaction. Thank you.

   The Company reserves the right to add additional items or make further requirements after review of the requested Affidavit/Declaration.

END OF REQUIREMENTS

INFORMATIONAL NOTES SECTION

1. None of the items shown in this report will cause the Company to decline to attach CLTA Endorsement Form 100 to an Extended Coverage Loan Policy, when issued.

2. Note: The policy of title insurance will include an arbitration provision. The Company or the insured may demand arbitration. Arbitrable matters may include, but are not limited to, any controversy or claim between the Company and the insured arising out of or relating to this policy, any service of the Company in connection with its issuance or the breach of a policy provision or other obligation. Please ask your escrow or title officer for a sample copy of the policy to be issued if you wish to review the arbitration provisions and any other provisions pertaining to your Title Insurance coverage.

3. Notice: Please be aware that due to the conflict between federal and state laws concerning the cultivation, distribution, manufacture or sale of marijuana, the Company is not able to close or insure any transaction involving Land that is associated with these activities.

4. Pursuant to Government Code Section 27388.1, as amended and effective as of 1-1-2018, a Documentary Transfer Tax (DTT) Affidavit may be required to be completed and submitted with each document when DTT is being paid or when an exemption is being claimed from paying the tax. If a governmental agency is a party to the document, the form will not be required. DTT Affidavits may be available at a Tax Assessor-County Clerk-Recorder.

5. The following Exclusion(s) are added to preliminary reports, commitments and will be included as an endorsement in the following policies:

   A. 2006 ALTA Owner's Policy (06-17-06).

      6. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the Public Records but that would be disclosed by an examination of any records maintained by or on behalf of a Tribe or on behalf of its members.

   B. 2006 ALTA Loan Policy (06-17-06).

      8. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the Public Records but that would be disclosed by an examination of any records maintained by or on behalf of a Tribe or on behalf of its members.

      9. Any claim of invalidity, unenforceability, or lack of priority of the lien of the Insured Mortgage based on the application of a Tribe's law resulting from the failure of the Insured Mortgage to specify State law as the governing law with respect to the lien of the Insured Mortgage.

   C. ALTA Homeowner's Policy of Title Insurance (12-02-13) and CLTA Homeowner's Policy of Title Insurance (12-02-13).

      10. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the Public Records but that would be disclosed by an examination of any records maintained by or on behalf of a Tribe or on behalf of its members.

   D. ALTA Expanded Coverage Residential Loan Policy - Assessments Priority (04-02-15).

      12. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the Public Records but that would be disclosed by an examination of any records maintained by or on behalf of a Tribe or on behalf of its members.

      13. Any claim of invalidity, unenforceability, or lack of priority of the lien of the Insured Mortgage based on the application of a Tribe's law resulting from the failure of the Insured Mortgage to specify State law as the governing law with respect to the lien of the Insured Mortgage.

INFORMATIONAL NOTES
(Continued)

E. CLTA Standard Coverage Policy 1990 (11-09-18).

7. Defects, liens, encumbrances, adverse claims, notices, or other matters not appearing in the public records but that would be disclosed by an examination of any records maintained by or on behalf of a tribe or on behalf of its members.

8. Any claim of invalidity, unenforceability, or lack of priority of the lien of the insured mortgage based on the application of a tribe's law resulting from the failure of the insured mortgage to specify state law as the governing law with respect to the lien of the insured mortgage.

6. Note: There are NO conveyances affecting said Land recorded within 24 months of the date of this report.

END OF INFORMATIONAL NOTES

Amy Andries (MA-LA)/717

Wire Fraud Alert

This Notice is not intended to provide legal or professional advice. If you have any questions, please consult with a lawyer.

All parties to a real estate transaction are targets for wire fraud and many have lost hundreds of thousands of dollars because they simply relied on the wire instructions received via email, without further verification. **If funds are to be wired in conjunction with this real estate transaction, we strongly recommend verbal verification of wire instructions through a known, trusted phone number prior to sending funds.**

In addition, the following non-exclusive self-protection strategies are recommended to minimize exposure to possible wire fraud.

- **NEVER RELY** on emails purporting to change wire instructions. Parties to a transaction rarely change wire instructions in the course of a transaction.
- **ALWAYS VERIFY** wire instructions, specifically the ABA routing number and account number, by calling the party who sent the instructions to you. DO NOT use the phone number provided in the email containing the instructions, use phone numbers you have called before or can otherwise verify. **Obtain the phone number of relevant parties to the transaction as soon as an escrow account is opened**. DO NOT send an email to verify as the email address may be incorrect or the email may be intercepted by the fraudster.
- **USE COMPLEX EMAIL PASSWORDS** that employ a combination of mixed case, numbers, and symbols. Make your passwords greater than eight (8) characters. Also, change your password often and do NOT reuse the same password for other online accounts.
- **USE MULTI-FACTOR AUTHENTICATION** for email accounts. Your email provider or IT staff may have specific instructions on how to implement this feature.

For more information on wire-fraud scams or to report an incident, please refer to the following links:

Federal Bureau of Investigation:
http://www.fbi.gov

Internet Crime Complaint Center:
http://www.ic3.gov

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Fidelity National Title Company
555 S. Flower Street, Suite 4420, Los Angeles, CA 90071
Phone: (213) 452-7100• Fax:

Notice of Available Discounts

Pursuant to Section 2355.3 in Title 10 of the California Code of Regulations Fidelity National Financial, Inc. and its subsidiaries ("FNF") must deliver a notice of each discount available under our current rate filing along with the delivery of escrow instructions, a preliminary report or commitment. Please be aware that the provision of this notice does not constitute a waiver of the consumer's right to be charged the filed rate. As such, your transaction may not qualify for the below discounts.

You are encouraged to discuss the applicability of one or more of the below discounts with a Company representative. These discounts are generally described below; consult the rate manual for a full description of the terms, conditions and requirements for such discount. These discounts only apply to transactions involving services rendered by the FNF Family of Companies. This notice only applies to transactions involving property improved with a one-to-four family residential dwelling.

Not all discounts are offered by every FNF Company. The discount will only be applicable to the FNF Company as indicated by the named discount.

FNF Underwritten Title Company	**Underwritten by FNF Underwriters**
CTC – Chicago Title company	CTIC – Chicago Title Insurance Company
CLTC – Commonwealth Land Title Company	CLTIC - Commonwealth Land Title Insurance Company
FNTC – Fidelity National Title Company of California	FNTIC – Fidelity National Title Insurance Company
FNTCCA - Fidelity National Title Company of California	FNTIC - Fidelity National Title Insurance Company
TICOR – Ticor Title Company of California	CTIC – Chicago Title Insurance Company
LTC – Lawyer's Title Company	CLTIC – Commonwealth Land Title Insurance Company
SLTC – ServiceLink Title Company	CTIC – Chicago Title Insurance Company

Available Discounts

DISASTER LOANS (CTIC, CLTIC, FNTIC)
The charge for a Lender's Policy (Standard or Extended coverage) covering the financing or refinancing by an owner of record, within twenty-four (24) months of the date of a declaration of a disaster area by the government of the United States or the State of California on any land located in said area, which was partially or totally destroyed in the disaster, will be fifty percent (50%) of the appropriate title insurance rate.

CHURCHES OR CHARITABLE NON-PROFIT ORGANIZATIONS (CTIC, FNTIC)
On properties used as a church or for charitable purposes within the scope of the normal activities of such entities, provided said charge is normally the church's obligation the charge for an owner's policy shall be fifty percent (50%) to seventy percent (70%) of the appropriate title insurance rate, depending on the type of coverage selected. The charge for a lender's policy shall be forty (40%) to fifty percent (50%) of the appropriate title insurance rate, depending on the type of coverage selected.

ATTACHMENT ONE

CALIFORNIA LAND TITLE ASSOCIATION
STANDARD COVERAGE POLICY – 1990 (11-09-18)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
   (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
   (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
   (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
   (c) resulting in no loss or damage to the insured claimant;
   (d) attaching or created subsequent to Date of Policy; or
   (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate of interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.
   Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
6. Any lien or right to a lien for services, labor or material unless such lien is shown by the public records at Date of Policy.

EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART II

(Variable exceptions such as taxes, easements, CC&R's, etc., are inserted here)

CALIFORNIA LAND TITLE ASSOCIATION
STANDARD COVERAGE OWNER'S POLICY (02-04-22)

EXCLUSIONS FROM COVERAGE

The following matters are excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) that restricts, regulates, prohibits, or relates to:
      i. the occupancy, use, or enjoyment of the Land;
      ii. the character, dimensions, or location of any improvement on the Land;
      iii. the subdivision of land; or
      iv. environmental remediation or protection.
   b. any governmental forfeiture, police, regulatory, or national security power.
   c. the effect of a violation or enforcement of any matter excluded under Exclusion 1.a. or 1.b. Exclusion 1 does not modify or limit the coverage provided under Covered Risk 5 or 6.
2. Any power of eminent domain. Exclusion 2 does not modify or limit the coverage provided under Covered Risk 7.
3. Any defect, lien, encumbrance, adverse claim, or other matter:

a. created, suffered, assumed, or agreed to by the Insured Claimant;
b. not Known to the Company, not recorded in the Public Records at the Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
c. resulting in no loss or damage to the Insured Claimant;
d. attaching or created subsequent to the Date of Policy (Exclusion 3.d. does not modify or limit the coverage provided under Covered Risk 9 or 10); or
e. resulting in loss or damage that would not have been sustained if consideration sufficient to qualify the Insured named in Schedule A as a bona fide purchaser had been given for the Title at the Date of Policy.

4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights law, that the transaction vesting the Title as shown in Schedule A is a:
   a. fraudulent conveyance or fraudulent transfer;
   b. voidable transfer under the Uniform Voidable Transactions Act; or
   c. preferential transfer:
      i. to the extent the instrument of transfer vesting the Title as shown in Schedule A is not a transfer made as a contemporaneous exchange for new value; or
      ii. for any other reason not stated in Covered Risk 9.b.
5. Any claim of a PACA-PSA Trust. Exclusion 5 does not modify or limit the coverage provided under Covered Risk 8.
6. Any lien on the Title for real estate taxes or assessments imposed or collected by a governmental authority that becomes due and payable after the Date of Policy. Exclusion 6 does not modify or limit the coverage provided under Covered Risk 2.b.
7. Any discrepancy in the quantity of the area, square footage, or acreage of the Land or of any improvement to the Land.

EXCEPTIONS FROM COVERAGE

Some historical land records contain Discriminatory Covenants that are illegal and unenforceable by law. This policy treats any Discriminatory Covenant in a document referenced in Schedule B as if each Discriminatory Covenant is redacted, repudiated, removed, and not republished or recirculated. Only the remaining provisions of the document are excepted from coverage.

This policy does not insure against loss or damage and the Company will not pay costs, attorneys' fees, or expenses resulting from the terms and conditions of any lease or easement identified in Schedule A, and the following matters:

PART I

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records at Date of Policy but that could be (a) ascertained by an inspection of the Land, or (b) asserted by persons or parties in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records at Date of Policy.
4. Any encroachment, encumbrance, violation, variation, easement, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records at Date of Policy.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor, material or equipment unless such lien is shown by the Public Records at Date of Policy.
7. Any claim to (a) ownership of or rights to minerals and similar substances, including but not limited to ores, metals, coal, lignite, oil, gas, uranium, clay, rock, sand, and gravel located in, on, or under the Land or produced from the Land, whether such ownership or rights arise by lease, grant, exception, conveyance, reservation, or otherwise; and (b) any rights, privileges, immunities, rights of way, and easements associated therewith or appurtenant thereto, whether or not the interests or rights excepted in (a) or (b) appear in the Public Records or are shown in Schedule B.

PART II

(Variable exceptions such as taxes, easements, CC&R's, etc., are inserted here)

CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (07-01-2021)

EXCLUSIONS FROM COVERAGE

The following matters are excluded from the coverage of this policy and We will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) that restricts, regulates, prohibits, or relates to:
      i. the occupancy, use, or enjoyment of the Land;
      ii. the character, dimensions, or location of any improvement on the Land;
      iii. the subdivision of land; or
      iv. environmental remediation or protection.
   b. any governmental forfeiture, police, or regulatory, or national security power.
   c. the effect of a violation or enforcement of any matter excluded under Exclusion 1.a. or 1.b. Exclusion 1 does not modify or limit the coverage provided under Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23, or 27.
2. Any power to take the Land by condemnation. Exclusion 2 does not modify or limit the coverage provided under Covered Risk 17.
3. Any defect, lien, encumbrance, adverse claim, or other matter:
   a. created, suffered, assumed, or agreed to by You;
   b. not Known to Us, not recorded in the Public Records at the Date of Policy, but Known to You and not disclosed in writing to Us by You prior to the date You became an Insured under this policy;
   c. resulting in no loss or damage to You;

d. attaching or created subsequent to the Date of Policy (Exclusion 3.d. does not modify or limit the coverage provided under Covered Risk 5, 8.f., 25, 26, 27, 28, or 32); or
e. resulting in loss or damage that would not have been sustained if You paid consideration sufficient to qualify You as a bona fide purchaser of the Title at the Date of Policy.

4. Lack of a right:
   a. to any land outside the area specifically described and referred to in Item 3 of Schedule A; and
   b. in any street, road, avenue, alley, lane, right-of-way, body of water, or waterway that abut the Land.

   Exclusion 4 does not modify or limit the coverage provided under Covered Risk 11 or 21.
5. The failure of Your existing structures, or any portion of Your existing structures, to have been constructed before, on, or after the Date of Policy in accordance with applicable building codes. Exclusion 5 does not modify or limit the coverage provided under Covered Risk 14 or 15.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights law, that the transfer of the Title to You is a:
   a. fraudulent conveyance or fraudulent transfer;
   b. voidable transfer under the Uniform Voidable Transactions Act; or
   c. preferential transfer:
      i. to the extent the instrument of transfer vesting the Title as shown in Schedule A is not a transfer made as a contemporaneous exchange for new value; or
      ii. for any other reason not stated in Covered Risk 30.
7. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
8. Negligence by a person or an entity exercising a right to extract or develop oil, gas, minerals, groundwater, or any other subsurface substance.
9. Any lien on Your Title for real estate taxes or assessments imposed or collected by a governmental authority that becomes due and payable after the Date of Policy. Exclusion 9 does not modify or limit the coverage provided under Covered Risk 8.a. or 27.
10. Any discrepancy in the quantity of the area, square footage, or acreage of the Land or of any improvement to the Land.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

- For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	Your Deductible Amount	Our Maximum Dollar Limit of Liability
Covered Risk 16:	1.00% of Policy Amount Shown in Schedule A or $2,500.00 (whichever is less)	$10,000.00
Covered Risk 18:	1.00% of Policy Amount Shown in Schedule A or $5,000.00 (whichever is less)	$25,000.00
Covered Risk 19:	1.00% of Policy Amount Shown in Schedule A or $5,000.00 (whichever is less)	$25,000.00
Covered Risk 21:	1.00% of Policy Amount Shown in Schedule A or $2,500.00 (whichever is less)	$5,000.00

CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (12-02-13)

EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
   a. building;
   b. zoning;
   c. land use;
   d. improvements on the Land;
   e. land division; and
   f. environmental protection.

   This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
   a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
   b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
   c. that result in no loss to You; or
   d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
   a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
   b. in streets, alleys, or waterways that touch the Land.

   This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.
8. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
9. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

LIMITATIONS ON COVERED RISKS

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

- For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

Our Maximum Dollar

	Your Deductible Amount	Limit of Liability
Covered Risk 16:	1.00% of Policy Amount Shown in Schedule A or $2,500.00 (whichever is less)	$10,000.00
Covered Risk 18:	1.00% of Policy Amount Shown in Schedule A or $5,000.00 (whichever is less)	$25,000.00
Covered Risk 19:	1.00% of Policy Amount Shown in Schedule A or $5,000.00 (whichever is less)	$25,000.00
Covered Risk 21:	1.00% of Policy Amount Shown in Schedule A or $2,500.00 (whichever is less)	$5,000.00

ALTA OWNER'S POLICY (07-01-2021)

EXCLUSIONS FROM COVERAGE

The following matters are excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. a. any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) that restricts, regulates, prohibits, or relates to:
   i. the occupancy, use, or enjoyment of the Land;
   ii. the character, dimensions, or location of any improvement on the Land;
   iii. the subdivision of land; or
   iv. environmental remediation or protection.
   b. any governmental forfeiture, police, regulatory, or national security power.
   c. the effect of a violation or enforcement of any matter excluded under Exclusion 1.a. or 1.b. Exclusion 1 does not modify or limit the coverage provided under Covered Risk 5 or 6.
2. Any power of eminent domain. Exclusion 2 does not modify or limit the coverage provided under Covered Risk 7.
3. Any defect, lien, encumbrance, adverse claim, or other matter:
   a. created, suffered, assumed, or agreed to by the Insured Claimant;
   b. not Known to the Company, not recorded in the Public Records at the Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   c. resulting in no loss or damage to the Insured Claimant;
   d. attaching or created subsequent to the Date of Policy (Exclusion 3.d. does not modify or limit the coverage provided under Covered Risk 9 or 10); or
   e. resulting in loss or damage that would not have been sustained if consideration sufficient to qualify the Insured named in Schedule A as a bona fide purchaser had been given for the Title at the Date of Policy.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights law, that the transaction vesting the Title as shown in Schedule A is a:
   a. fraudulent conveyance or fraudulent transfer;
   b. voidable transfer under the Uniform Voidable Transactions Act; or
   c. preferential transfer:
      i. to the extent the instrument of transfer vesting the Title as shown in Schedule A is not a transfer made as a contemporaneous exchange for new value; or
      ii. for any other reason not stated in Covered Risk 9.b.
   5. Any claim of a PACA-PSA Trust. Exclusion 5 does not modify or limit the coverage provided under Covered Risk 8.
   6. Any lien on the Title for real estate taxes or assessments imposed or collected by a governmental authority that becomes due and payable after the Date of Policy. Exclusion 6 does not modify or limit the coverage provided under Covered Risk 2.b.
   7. Any discrepancy in the quantity of the area, square footage, or acreage of the Land or of any improvement to the Land.

EXCEPTIONS FROM COVERAGE

Some historical land records contain Discriminatory Covenants that are illegal and unenforceable by law. This policy treats any Discriminatory Covenant in a document referenced in Schedule B as if each Discriminatory Covenant is redacted, repudiated, removed, and not republished or recirculated. Only the remaining provisions of the document are excepted from coverage.

This policy does not insure against loss or damage and the Company will not pay costs, attorneys' fees, or expenses resulting from the terms and conditions of any lease or easement identified in Schedule A, and the following matters:

NOTE: The 2021 ALTA Owner's Policy may be issued to afford either Standard Coverage or Extended Coverage. In addition to variable exceptions such as taxes, easements, CC&R's, etc., the Exceptions from Coverage in a Standard Coverage policy will also include the Western Regional Standard Coverage Exceptions listed as 1 through 7 below:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records at Date of Policy but that could be (a) ascertained by an inspection of the Land or (b) asserted by persons or parties in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records at Date of Policy.
4. Any encroachment, encumbrance, violation, variation, easement, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records at Date of Policy.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor, material or equipment unless such lien is shown by the Public Records at Date of Policy.
7. Any claim to (a) ownership of or rights to minerals and similar substances, including but not limited to ores, metals, coal, lignite, oil, gas, uranium, clay, rock, sand, and gravel located in, on, or under the Land or produced from the Land, whether such ownership or rights arise by lease, grant, exception, conveyance, reservation, or otherwise; and (b) any rights, privileges, immunities, rights of way, and easements associated therewith or appurtenant thereto, whether or not the interests or rights excepted in (a) or (b) appear in the Public Records or are shown in Schedule B

2006 ALTA OWNER'S POLICY (06-17-06)

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
   (i) the occupancy, use, or enjoyment of the Land;
   (ii) the character, dimensions, or location of any improvement erected on the Land;
   (iii) the subdivision of land; or
   (iv) environmental protection;
   or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.
   (b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
   (a) created, suffered, assumed, or agreed to by the Insured Claimant;
   (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
   (c) resulting in no loss or damage to the Insured Claimant;
   (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 and 10); or
   (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
   (a) a fraudulent conveyance or fraudulent transfer; or
   (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

NOTE: The 2006 ALTA Owner's Policy may be issued to afford either Standard Coverage or Extended Coverage. In addition to variable exceptions such as taxes, easements, CC&R's, etc., the Exceptions from Coverage in a Standard Coverage policy will also include the Western Regional Standard Coverage Exceptions listed below as 1 through 7 below:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records at Date of Policy but that could be (a) ascertained by an inspection of the Land, or (b) asserted by persons or parties in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records at Date of Policy.
4. Any encroachment, encumbrance, violation, variation, easement, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records at Date of Policy.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor, material or equipment unless such lien is shown by the Public Records at Date of Policy.
7. Any claim to (a) ownership of or rights to minerals and similar substances, including but not limited to ores, metals, coal, lignite, oil, gas, uranium, clay, rock, sand, and gravel located in, on, or under the Land or produced from the Land, whether such ownership or rights arise by lease, grant, exception, conveyance, reservation, or otherwise; and (b) any rights, privileges, immunities, rights of way, and easements associated therewith or appurtenant thereto, whether or not the interests or rights excepted in (a) or (b) appear in the Public Records or are shown in Schedule B.

This map/plat is being furnished as an aid in locating the herein described land in relation to adjoining streets, natural boundaries and other land, and is not a survey

THIS MAP WAS PREPARED FOR ORANGE COUNTY ASSESSOR DEPT. PURPOSES ONLY. THE ASSESSOR MAKES NO GUARANTEE AS TO ITS ACCURACY NOR ASSUMES ANY LIABILITY FOR OTHER USES. NOT TO BE REPRODUCED. ALL RIGHTS RESERVED.
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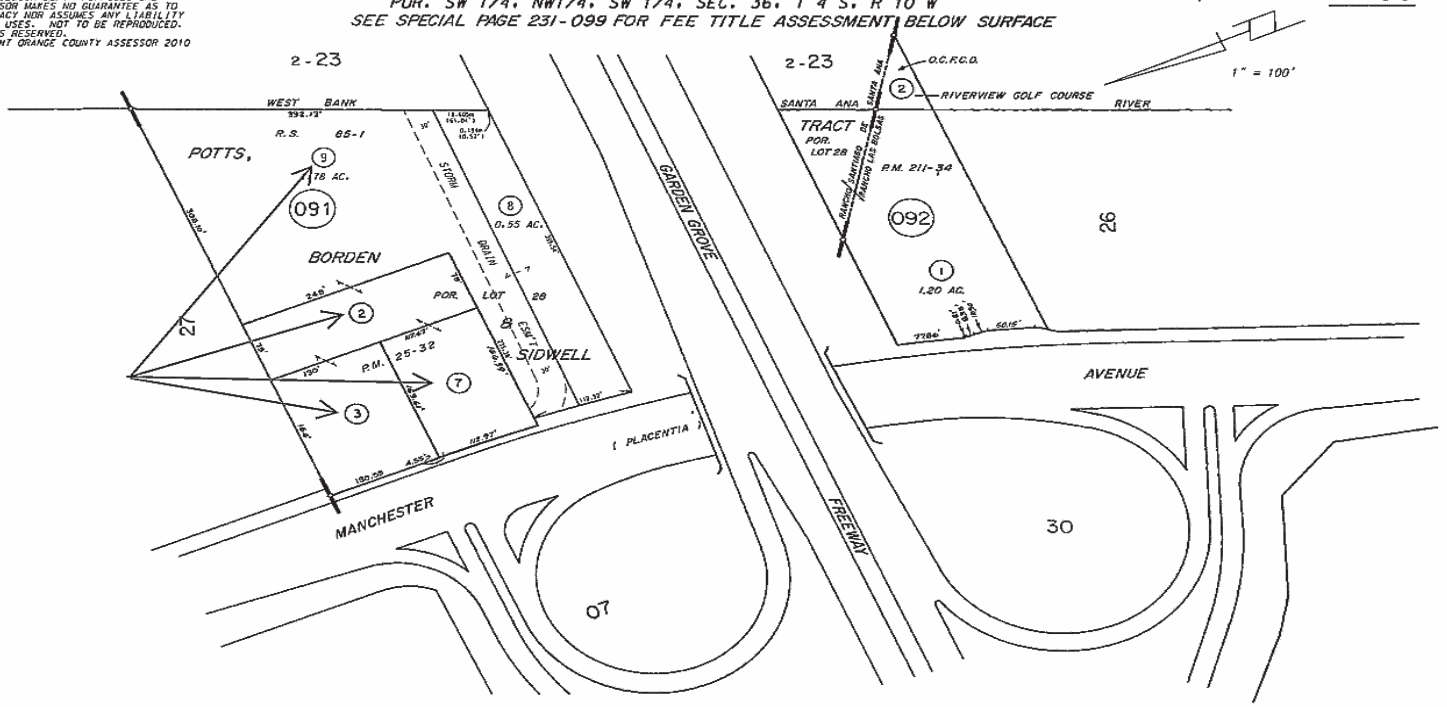
POR. SE 1/4, NE1/4, SE 1/4, SEC. 35, T 4 S, R 10 W
POR. SW 1/4, NW1/4, SW 1/4, SEC. 36, T 4 S, R 10 W
SEE SPECIAL PAGE 231-099 FOR FEE TITLE ASSESSMENT BELOW SURFACE

231-09



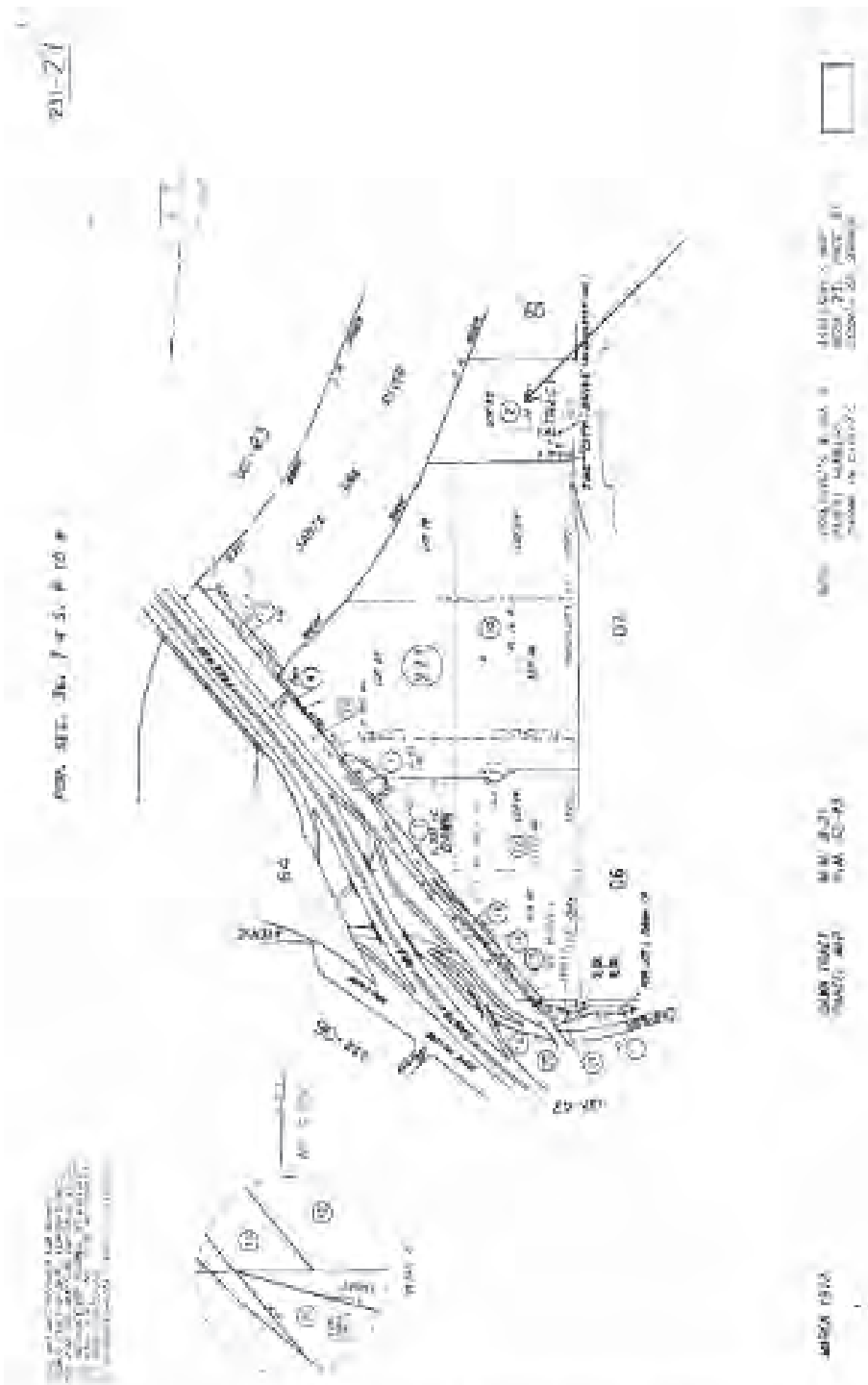
MARCH 1969

POTTS, BORDEN & SIDWELL TRACT
PARCEL MAP

L.A. 1-63
P.M. 25-32, 211-34

NOTE – ASSESSOR'S BLOCK & PARCEL NUMBERS SHOWN IN CIRCLES

ASSESSOR'S MAP
BOOK 231 PAGE 09
COUNTY OF ORANGE



This map/plat is being furnished as an aid in locating the herein described land in relation to adjoining streets, natural boundaries and other land, and is not a survey of the land depicted. Except to the extent a policy of title insurance is expressly modified by endorsement, if any, the Company does not insure dimensions, distances, location of easements, acreage or other matters shown thereon.

OWNER'S DECLARATION

Escrow No.: 30109939-995-MAL-2AA
Property Address: 561 The City Drive South
Orange, CA 92868

The undersigned hereby declares as follows:

1. (Fill in the applicable paragraph and strike the other)

   a. Declarant ("Owner") is the owner or lessee, as the case may be, of certain premises located at 561 The City Drive South, Orange, CA 92868, further described as follows: See Preliminary Report/Commitment No. for full legal description (the "Land").

   b. Declarant is the _____ of _____ ("Owner"), which is the owner or lessee, as the case may be, of certain premises located at 561 The City Drive South, Orange, CA 92868, further described as follows: See Preliminary Report/Commitment No. for full legal description (the "Land").

2. (Fill in the applicable paragraph and strike the other)

   a. During the period of six months immediately preceding the date of this declaration no work has been done, no surveys or architectural or engineering plans have been prepared, and no materials have been furnished in connection with the erection, equipment, repair, protection or removal of any building or other structure on the Land or in connection with the improvement of the Land in any manner whatsoever.

   b. During the period of six months immediately preceding the date of this declaration certain work has been done and materials furnished in connection with _____ upon the Land in the approximate total sum of $_____, but no work whatever remains to be done and no materials remain to be furnished to complete the construction in full compliance with the plans and specifications, nor are there any unpaid bills incurred for labor and materials used in making such improvements or repairs upon the Land, or for the services of architects, surveyors or engineers, except as follows: _____. Owner, by the undersigned Declarant, agrees to and does hereby indemnify and hold harmless Fidelity National Title Company against any and all claims arising therefrom.

3. Owner has not previously conveyed the Land; is not a debtor in bankruptcy (and if a partnership, the general partner thereof is not a debtor in bankruptcy); and has not received notice of any pending court action affecting the title to the Land.

4. Except as shown in the above-referenced Preliminary Report/Commitment, there are no unpaid or unsatisfied mortgages, deeds of trust, Uniform Commercial Code financing statements, regular assessments, special assessments, periodic assessments or any assessment from any source, claims of lien, special assessments, or taxes that constitute a lien against the Land or that affect the Land but have not been recorded in the public records. There are no violations of the covenants, conditions and restrictions as shown in the above-referenced Preliminary Report/Commitment.

5. The Land is currently in use as _____; _____ occupy/occupies the Land; and the following are all of the leases or other occupancy rights affecting the Land:

   _____

6. There are no other persons or entities that assert an ownership interest in the Land, nor are there unrecorded easements, claims of easement, or boundary disputes that affect the Land.

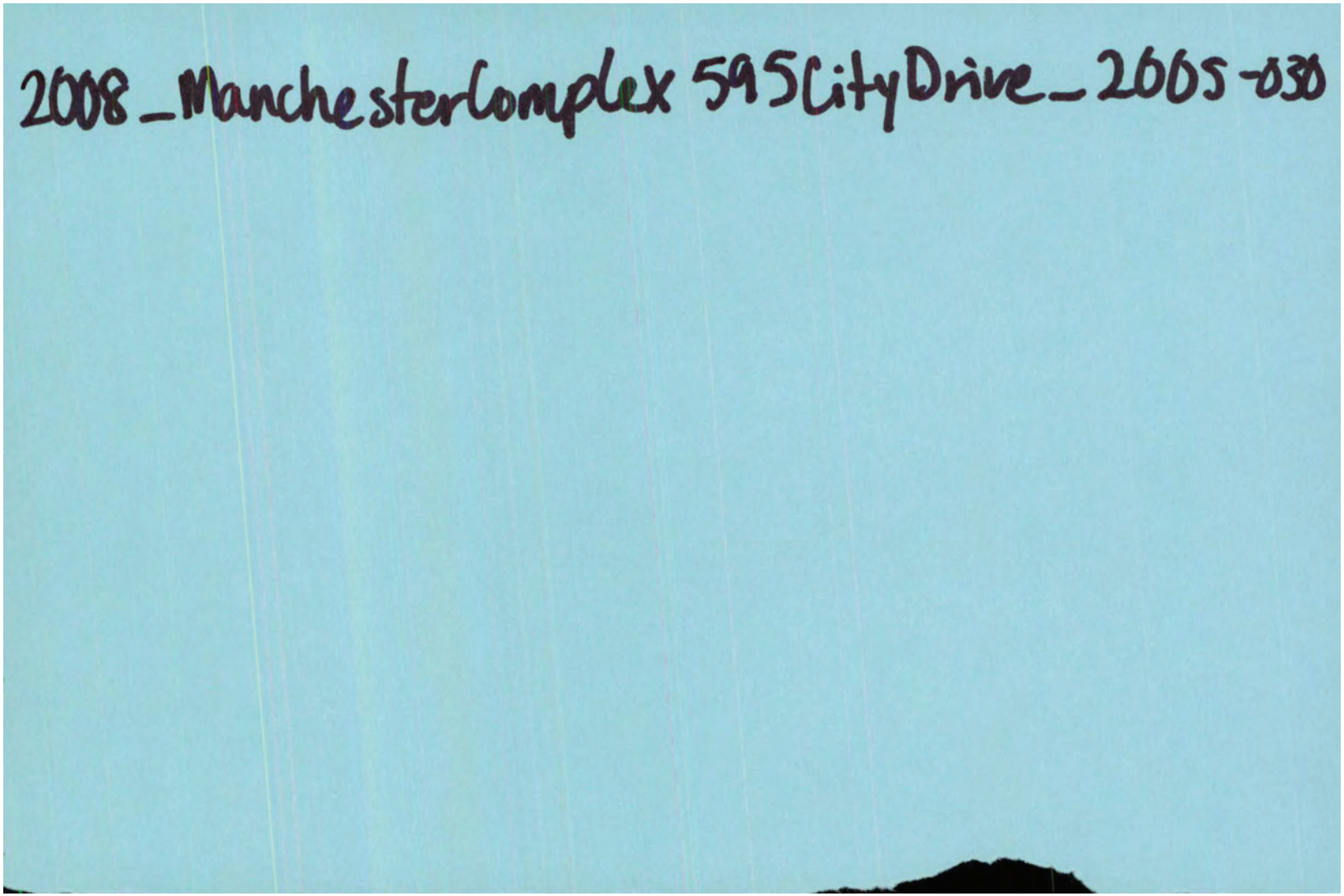
7. There are no outstanding options to purchase or rights of first refusal affecting the Land.

8. Between the most recent Effective Date of the above-referenced Preliminary Report/Commitment and the date of recording of the Insured Instrument(s), Owner has not taken or allowed, and will not take or allow, any action or inaction to encumber or otherwise affect title to the Land.

This declaration is made with the intention that Fidelity National Title Company (the "Company") and its policy issuing agents will rely upon it in issuing their title insurance policies and endorsements. Owner, by the undersigned Declarant, agrees to indemnify the Company against loss or damage (including attorneys fees, expenses, and costs) incurred by the Company as a result of any untrue statement made herein.

I declare under penalty of perjury that the foregoing is true and correct and that this declaration was executed on _____ at _____.

Signature: _____


2008_Manchesterlomplex 595CityDrive_2005-030

Bryan Speegle, Director

COUNTY OF ORANGE

RESOURCES & DEVELOPMENT MANAGEMENT DEPARTMENT

Environmental Resources
1750 S. Douglass Road
Anaheim, CA 92806

Telephone: (714) 567-6363
Fax: (714) 567-6220

DATE: June 7, 2005

TO: John D. Pavlik, Chief, Right of Way Engineering

FROM: George Edwards, Acting Chief of Environmental Science, WCRD/ER

SUBJECT: **Hazardous Materials Assessment for the Manchester Complex Addition located at 595 The City Drive, City of Orange, CA (ROWE I.D. No. 2005-030)**

Attached is the Hazardous Materials Assessment (HMA) for the subject property. The property consists of a two-story commercial/retail office building along the City Drive just north of the 22 Freeway (adjacent to the County's Animal Shelter). The scope of work completed for this HMA included the following tasks: 1) a historical investigation that included reviewing aerial photographs and topographic maps, 2) a review of previous HMA files for the adjoining property at 591 The City Drive, 3) a regulatory agency database review, 4) interviews with the property manager, 5) a property inspection, and 6) a reconnaissance of the area surrounding the property.

The reviews of historical USGS topographic maps, aerial photographs, city directories, Sanborn Maps, and previous HMA files did not reveal any potential recognized environmental conditions (RECs) for the subject property.

The property inspection and area reconnaissance within a ¼-mile radius of the property revealed no issues of potential environmental concern for the property.

The regulatory database review contained 12 listings within the one mile search radius. Further investigation of these listings determined that they have a low potential for negatively impacting the property.

No tests were conducted on the property for asbestos or lead-based paint. However, based on the historical document review, the building was constructed after 1978, which is the last year that these materials were commonly used in building materials.

No tests were conducted on the property with regard to the presence of radon. However, based on the information available for Orange County from the State Radon Survey, radon gas is not considered an environmental concern at the property.

The property and surrounding areas have historically been associated with farming activities, and historical pesticide applications may have been conducted in the region. However, the historical use of agricultural pesticides is considered a *de minimis* condition under Section 1.1.1 of the Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E 1527-00) and does not constitute a REC. Therefore, this finding is considered to have a low potential for negatively impacting the property.

An interview was conducted with the site's property manager because a transfer disclosure statement (TDS) was unavailable for the project. The interview with the Manchester Complex's property manager did not identify any additional environmental concerns.

The HMA investigation found no evidence of environmental degradation to the property as a result of hazardous materials contamination. Environmental Resources (ER) recommends that acquisition of the property proceed.

This HMA will be valid for a period of 18 months, through December, 2006.

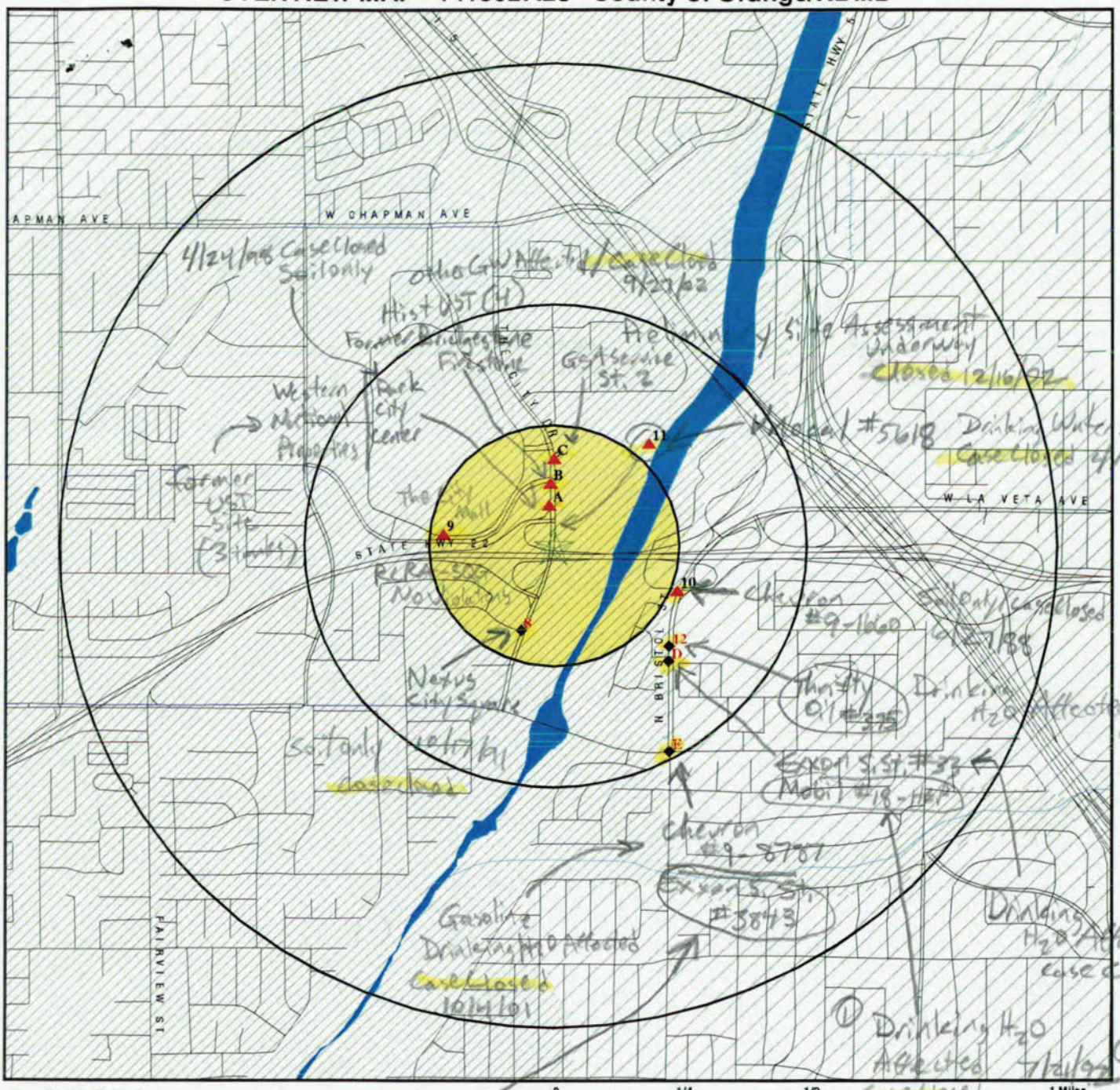
Questions regarding this HMA should be directed to James Fortuna at (714) 567-6307.

George Edwards

JF: HMA: TG799-C5

Attachments: HMA Report

OVERVIEW MAP - 1418027.2s - County of Orange/RDMD



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

TARGET PROPERTY:	Manchester Complex Addition	CUSTOMER:	County of Orange/RDMD
ADDRESS:	595 The City Drive	CONTACT:	James Fortuna
CITY/STATE/ZIP:	Orange CA 92868	INQUIRY #:	1418027.2s
LAT/LONG:	33.7793 / 117.8888	DATE:	May 09, 2005 8:18 pm

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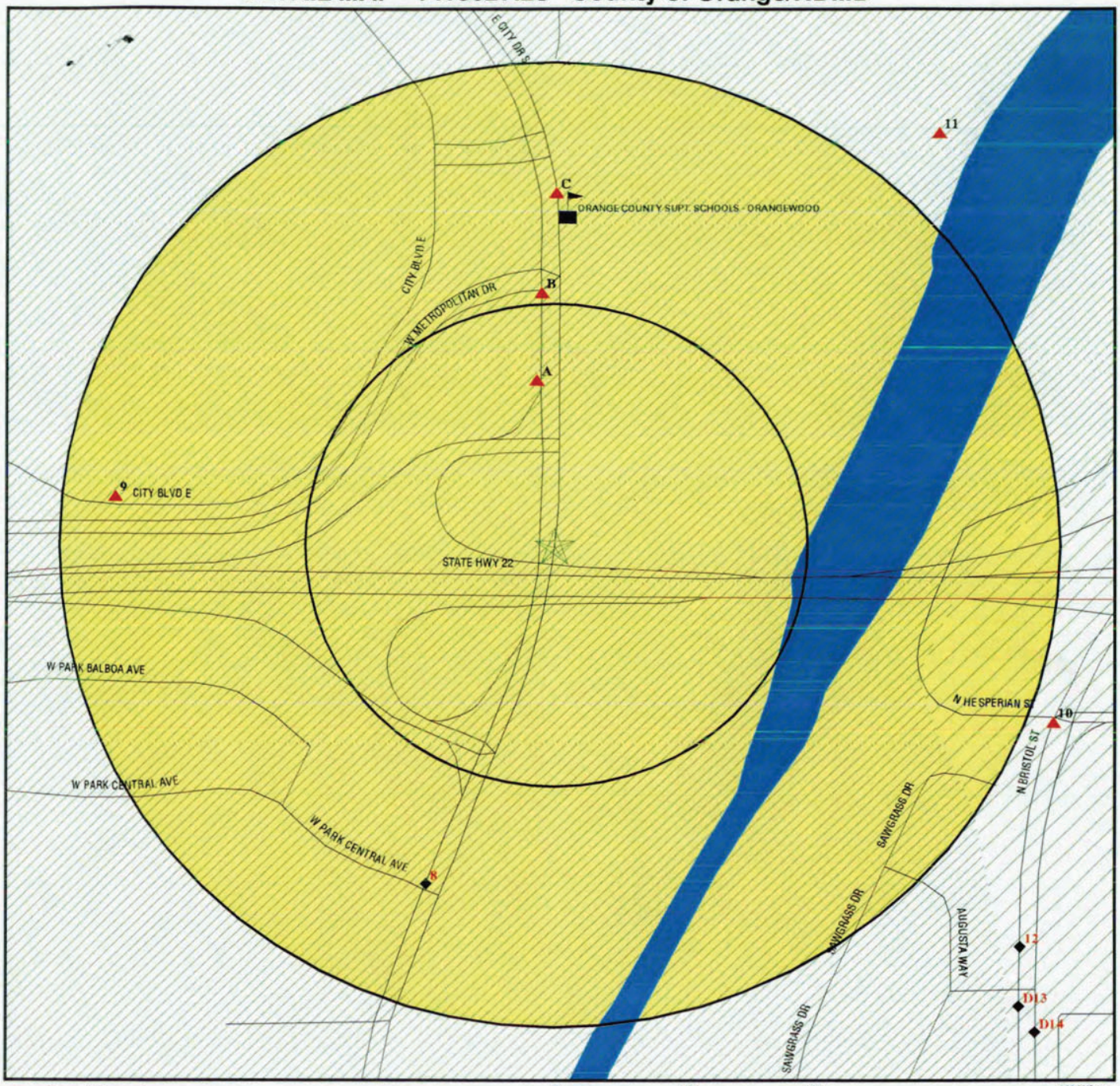
DETAIL MAP - 1418027.2s - County of Orange/RDMD



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- Historical Gas Stations / Historical Dry Cleaners See the EDR Proprietary Historical Map Findings
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

TARGET PROPERTY:	Manchester Complex Addition	CUSTOMER:	County of Orange/RDMD
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COUNTY OF ORANGE

RESOURCES & DEVELOPMENT MANAGEMENT DEPARTMENT

Bryan Speegle, Director
300 N. Flower Street
Santa Ana, CA

P.O. Box 4048
Santa Ana, CA 92702-4048

Telephone: (714) 834-2300
Fax: (714) 834-5188

DATE: May 2, 2005

TO: George Edwards Acting Environmental Science Manager

FROM: John D. Pavlik Right of Way Engineering Manager

SUBJECT: HAZARDOUS MATERIALS ASSESSMENT (HMA) REQUEST

Your Section is authorized to begin work on the project described:

Project Name: Manchester Complex Addition

Location: The City Drive north of 22 Fwy.

City: Orange Zip Code: 92868

ROWE I.D. NO. 2005-030 Tract Map No.: Parcel No.: 45

No. of Parcels: 1 File: GA 1118

Thomas Bros. Map Page, and Grid location: 799-C5

Type of assessment required:

☒ Perform HMA ☐ Review HMA ☐ Update HMA
☐ Review Disclosure Statement ☐ Waiver

Reason for Property Acquisition:

☒ Fee Acquisition ☐ Easement:
☐ Ground Lease ☐ Other:

Comments: Parcel will serve animal shelter at Manchester Complex.

Typical HMA turn-around is sixty days, if a rush is required, specify date and reason: **RUSH - County has wanted to purchase this property for many years, the owner has agreed to sell and we would like to complete the transaction as quickly as possible so he won't have time to change his mind.**

Job Code: EC29487 Fund/Agency: 100/042 Due date: ASAP

Function: 413 Org.: 1900

Contact Person: Scott Heinrichs E-mail address: scott.heinrichs@rdmd.ocgov.com

Phone: 714-834-2010 FAX: 834-5791

Please include ROWE I.D.NO. 2005-030 in your report.

Attachments: ☐ Location Map ☐ Right of Way Map ☒ Thomas Bros. Map
☐ Disclosure Statement ☒ Other: Assessor's Map, Aerial Photo

Authorized:

John D. Pavlik

John D. Pavlik

EDR Environmental Data Resources Inc

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Thank you for your order.
Each report you have selected is listed below.

Click "View Report(s)below to display:

- **Preliminary Map Report**
- **Preliminary Sanborn ® Map Report**

View Reports

Online reports require a "pop-up" window to display.
If you have a pop-up blocker installed, please disable it for edrnet.com.

CLIENT INFORMATION

Ref#:	Dy9DRg3N5XZZVPBk68L8
Account#:	1015673
Project#:	EC29487
PO:	N1000006539
Contact:	James Fortuna
Company:	County of Orange/RDMD
Address:	1750 S. Douglas Road Anaheim, CA 92806
Phone:	714-567-6307
Fax:	714-567-6220
email:	James.Fortuna@rdmd.ocgov.com

PROPERTY INFORMATION

Site Name:	Manchester Complex Addition
Address:	595 The City Drive Orange, CA_92868
Lat/Lon:	33.779292 / -117.888788

Additional Info: Near the intersection of the 22 Freeway and The City Drive offramp.

SERVICE OPTIONS

Note: when express hardcopy delivery is selected, shipping method charges are included only once for this order.

EDR The Works Package

ASTM Database Search
EDR Radius Map with GeoCheck

Method: EMAIL ONLY (NO CHARGE)
Handle: STANDARD TURNAROUND
HISTORICAL SANBORN REPORTS

EDR Sanborn Map Search/Print

Method: EMAIL ONLY (NO CHARGE)
Handle: STANDARD TURNAROUND

AERIAL PHOTO DECADE PACKAGE

EDR Aerial Photo Prints

Method: HARDCOPY ONLY (NO CHARGE)

Ship: 2 DAY FEDEX ($10)

Handle: STANDARD TURNAROUND

HISTORICAL TOPOGRAPHIC MAPS

EDR Historical Topo Maps

Method: HARDCOPY ONLY (NO CHARGE)

Ship: 2 DAY FEDEX ($10)

Handle: STANDARD TURNAROUND

HISTORICAL TEXT REPORTS

EDR City Directory Abstract

Method: EMAIL ONLY (NO CHARGE)
Handle:STANDARD TURNAROUND

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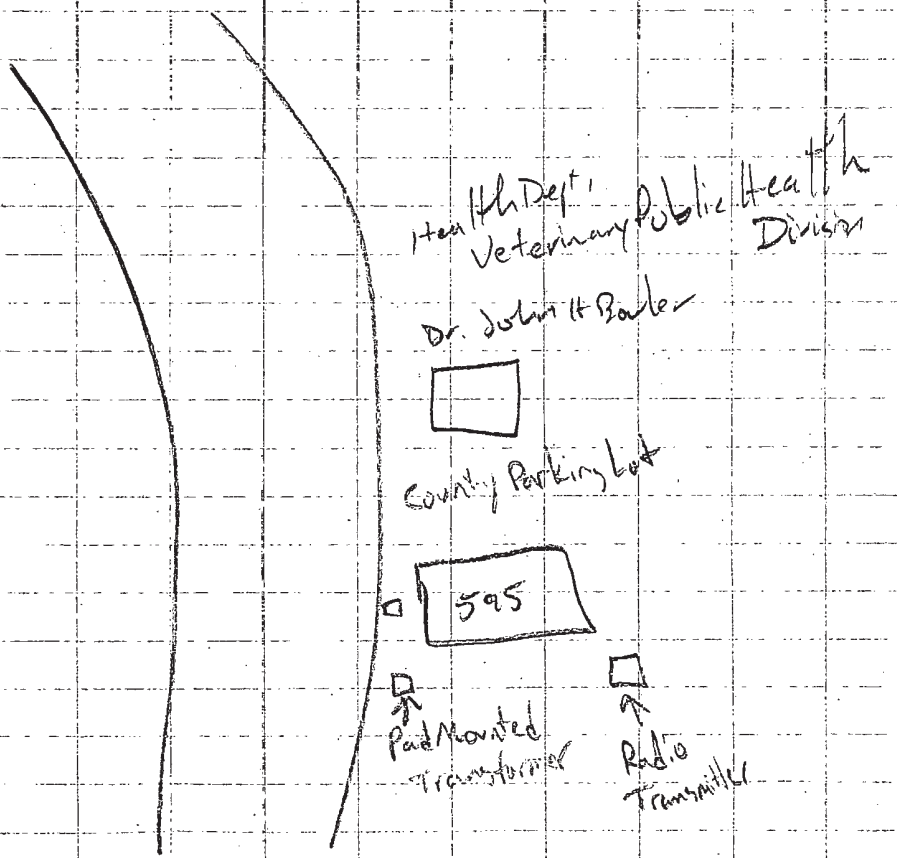
① 1-800-222 Bail

② United Fathers of America

③ Auto Insurance 714-9708855

④ We the People Document Services (Trusts, Divorce Packets)

⑤ PPC Paintball
(Player's Edge Paintball)



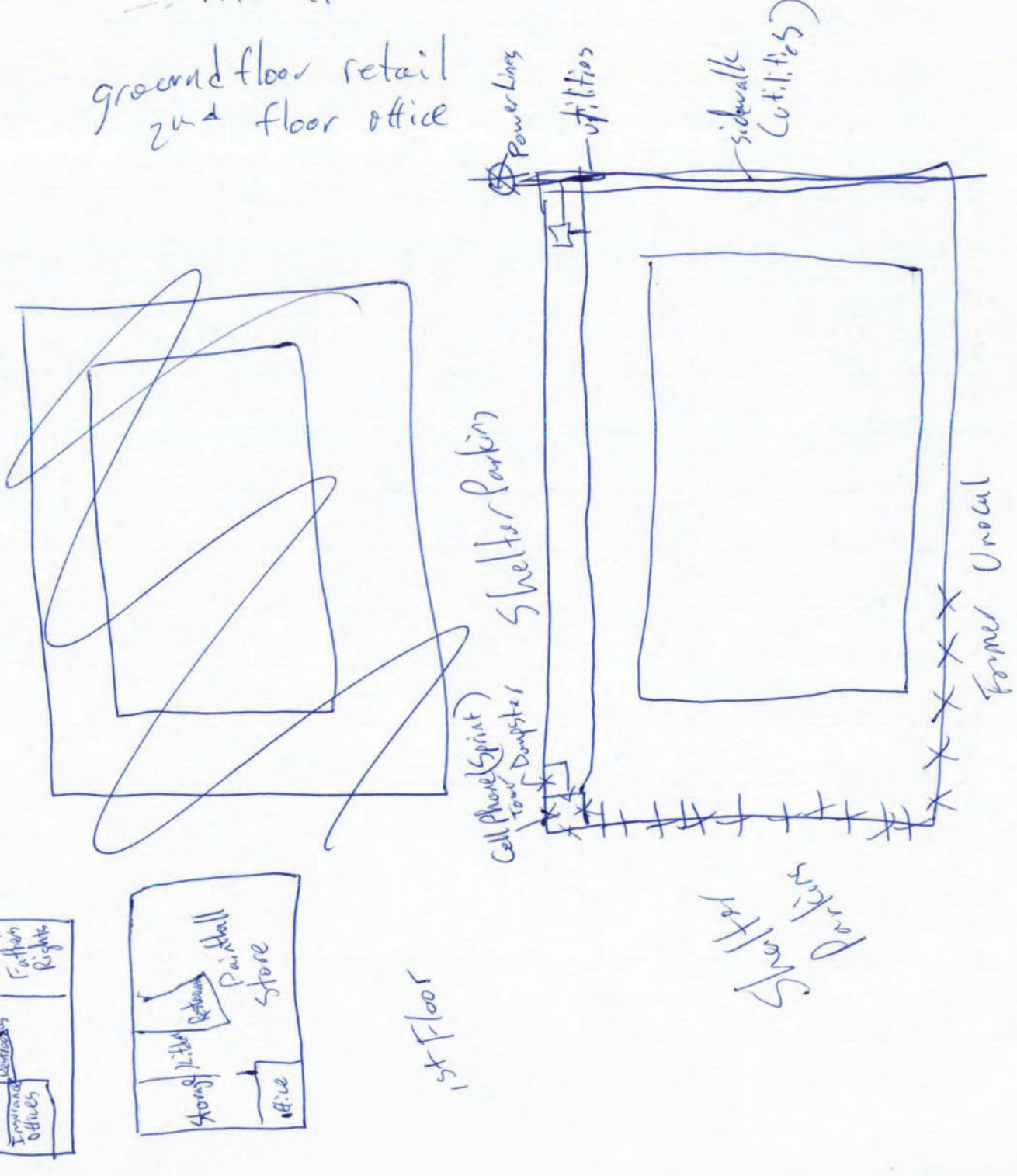
Andy Hart

Property Manager → 14 yrs.

Some owner

1990-91

ground floor retail
2nd floor office



Hazardous Materials Assessment: Area Reconnaissance

Site _____ Location _____

Site Observations	Yes	No	Comments
NPL/RCRA Sites (within 1 mi.)			
Other Federal Listings (1/4 mi.)			
State Listings (within 1/4 mi.)			
Construction Areas			
Storage Drums			
Soil Mounds			
Ground Depressions			
Stained Soil			
Gas or Motor Repair Stations			
Print/Photo/Dry Cleaning Shops			
Junkyard/Landfill			
TDS, Processing, Recycling			
Surface Water Contamination			
Surface Impoundments			
Mining/Quarry Activity			
Other Observations			

Inspector _____ Date _____ Time _____

Owner: Michael Malamut

Hazardous Materials Assessment for Manchester

sell Paintball Equipment

Autoland Inc? office

Innovative Ideas in Print?

building 1977-90?

Owner / Occupant Interview

Interview with Andy Hart

Relevance to Property

Date of Interview 5/23/05

QUESTIONS (All "Yes" responses should include a clarification in the space beneath each question or on a separate, attached sheet)		Yes	No	Unknown
1. Is the property or any adjoining property currently used for an industrial use?				
2. To the best of your knowledge, has the property or any adjoining property been used for an industrial use in the past				
3. To the best of your knowledge, currently or in the past, has the property or any adjoining property been used as a:	a.	X		
a. gasoline station?	b.	X		
b. motor repair facility?	c.		X	
c. commercial printing facility?	d.		X	
d. dry cleaners?	e.		X	
e. junkyard or landfill?	f.		X	
f. waste treatment, storage, disposal or processing facility?	g.		X	
g. recycling facility?				
4. Are there currently, or, to the best of your knowledge, have there ever been any of the following stored or used on the property:	a.		X	
a. damaged/discarded automotive or industrial batteries?	b.	X		
b. pesticides, paints or other chemicals in containers greater than five gallons or greater than 50 gallons aggregate?	c.		X	
c. industrial drums (typically 55 gallons) or sacks of chemicals?	d.		X	
d. fill dirt which originated from a contaminated site or which is of an unknown origin?				
5. Are there currently or, to the best of your knowledge, have there ever been any of the following on the property:	a.		X	
a. pits, ponds, lagoons in connection with waste treatment or disposal?	b.		X	
b. stained soil?	c.		X	
c. registered or unregistered, above-ground or underground storage tanks?	d.		X	
d. flooring, drains or walls with staining by substances other than wat				

Hazardous Materials Assessment for _____

Owner / Occupant Interview (Page 2)

QUESTIONS (All "Yes" responses should include a clarification in the space beneath each question or on a separate, attached sheet)		Yes	No	Unknown
6a. Is the property served by a private well? Edison	a.		X	
6b. If so, to the best of your knowledge, has any contamination been detected that exceeds guidelines applicable to the water system?	b.		X	
7. To the best of your knowledge, are there or have there ever been any violations of environmental laws with respect to the property?			X	
8. To the best of your knowledge, has there ever been an Environmental Site Assessment performed for the property? If so, please attach.			X	
9. To the best of your knowledge, are there any past, threatened or pending lawsuits or administrative proceedings involving hazardous materials on the property?				
10. Does the property discharge wastewater other than storm water?			X	
11. To the best of your knowledge, have any hazardous materials been dumped, buried or burned on the property?			X	
12. To the best of your knowledge, are there or have there ever been transformers, capacitors or any hydraulic equipment on the property?		X	for cell tower	
13. Are there any other hazardous materials or environmental issues related to the property that you are aware of that have not been covered in this interview?			X	

Asbestos None
LBP None
Transformers - Probably ok

- No TDS Requested
- Interview in lieu of TDS

Manchester

Hazardous Materials Assessment: Property Inspection

Site 595 the City Dr. Location Orange

Site Observations	Yes	No	Comments
Water Wells		X	
Damaged/Discarded Batteries		X	
Debris		X	
Storage Drums/Chemical Sacks		X	
Soil Mounds		X	
Ground Depressions		X	paved
Distressed Vegetation		X	
Stained Soil		X	
Pesticides/Paints/Chemicals	X		Paintballs & Gear / Distribution → Biodegradeable water based
Surface Water Contamination		X	
Surface Impoundments		X	
Above Ground Structures		X	
Storage Tanks (above or below)		X	
Transformer or Hydraulic Equip.	X		P5074521 Pad-Mounted - No staining
~~Telephone Poles~~/Railroad Ties (Power Lines)	X		on SW side connecting to transformer
Other Observations	X X X X		Utilities under sidewalk (water, tel, electric) other "Toxic" Paintballs in boxes Minor staining in garage Flourescent Ballasts

household 409 Bleach

PCB in light fixtures - not labelled on ballasts

Inspector SF Date 3/27 Time

No previous ESAs

Player's Edge Paintball 2 yrs, Manager Eddie Dungca

Hazardous Materials Assessment: Site Description

Site Name Manchester Complex Location 595 The City Dr., Orange

Intersection: The City Drive / 22 Freeway

Physical Boundaries: commercial parking lots / streets

Existing Land Use / Description: _____

_____

Bordering Land Uses: (north) Parking Lot (Sheriff's Dept. - former LUST)

(south) Animal Shelter Parking

~~west~~ ~~(east)~~ The City Drive / Freeway Offramp / Former Firestone Facility

~~east~~ ~~(west)~~ Animal Shelter

Topography: _____

Surface Hydrology: No surface water; asphalt drains southeast onto Animal Shelter Parking Lot Storm Drains

Other: _____

_____

_____

Inspector JF Date 5/23/05 Time 13:30

ORANGE COUNTY
PublicWorks
Our Community. Our Commitment.

Bryan Speegle, Director

Environmental Resources
2301 N. Glassell Street
Orange, CA 92865

Telephone: (714) 955-0600
Fax: (714) 955-0638

memo

DATE: December 26, 2008

TO: John D. Pavlik, Manager, Right of Way Engineering

FROM: Manager, Environmental Resources

SUBJECT: **Addendum to the Hazardous Materials Assessment for the Manchester Complex Addition dated June 7, 2005, Orange, CA (Addition of ROWE I.D. No. 2005-060 to ROWE I.D. No. 2005-030)**

The Hazardous Materials Assessment (HMA) for the Manchester Complex Addition was completed by Environmental Resources (ER) on June 5, 2005. This property was then acquired by the County of Orange (County) for expansion of the OC Animal Care shelter parking lot. Subsequently, ER has conducted further investigations to determine whether an additional County-owned parcel, ROWE I.D. No. 2005-060 (Parcel GA118-150), can be included in the HMA study area. ER understands that the County will grant an easement for this parcel to the Orange County Flood Control District (OCFCD) for storm drain maintenance purposes.

The HMA Addendum included a regulatory agency database search, property inspection, and area reconnaissance within ¼ mile of the property. Based on the information obtained from the government agency records report and field investigations, the subject HMA has been updated and amended to include Parcel GA1118-150. Therefore, ER recommends that conveyance of the property easement from the County to OCFCD proceed.

This HMA will be valid for a period of 18 months, through June 2010.

If you have any questions regarding the HMA, please contact James Fortuna at (714) 955-0677.

Chris Crompton

JF: EF03640: TG799 C5

Attachment: HMA Report

ADDENDUM TO THE HAZARDOUS MATERIALS ASSESSMENT
FOR THE
MANCHESTER COMPLEX ADDITION, CITY OF ORANGE
DATED JUNE 7, 2005

The Hazardous Materials Assessment (HMA) for the Manchester Complex Addition was completed by Environmental Resources (ER) on June 5, 2005. This property was then acquired by the County for the OC Animal Care shelter parking lot. Subsequently, ER has conducted further investigations to determine whether an additional County-owned parcel, ROWE I.D. No. 2005-060 (Parcel GA1118-150), can be included in the HMA study area. ER understands that the County will grant an easement for this parcel to the Orange County Flood Control District (OCFCD) for storm drain maintenance purposes.

The HMA investigations conducted by ER for this report included a review of a governmental agency database report, field inspection, and area reconnaissance. **Attachment 1** contains maps depicting the addendum property.

REVIEW OF REGULATORY AGENCY DATABASE REPORTS

A governmental agency records search was produced by Environmental Data Resources, Inc. (EDR) dated December 2, 2008 for review of potential sites of environmental concern that may impact the property.

The EDR report catalogs known contaminated and potential hazardous waste sites including facilities that generate hazardous waste. It includes sites within a one-mile radius of the property and involves a search of federal, state and local regulatory registers for potentially contaminated sites. These may include lists of Superfund sites, leaking underground storage tanks (LUSTs), landfills, military reservations, contaminated surface and subsurface waters, hazardous waste generators and other databases that list potential environmental concerns.

The review does not involve an exhaustive search of all available government records. Additionally, these lists are subject to inaccuracy and incompleteness. The listing of a site does not necessarily indicate that an environmental concern exists. Generally, the regulatory status of the facility will be indicated with each site listing.

Evaluating the potential impact of a listed site on the subject property involves classifying the site into one of two categories: *low potential to impact the property* or *potential to impact the property*. The following criteria are used for site categorization:

- *Low potential to impact the property:*

  Sites identified as having a low potential to impact the property are not studied further. These include sites that are too distant to have an environmental impact (greater than ¼-mile from the property in most cases), sites that have been remediated to the satisfaction of the lead regulatory agency, sites listed as requiring no further action, and sites only listed as hazardous waste generators.

- *Potential to impact the property:*

  Sites identified as having a potential to impact the property are evaluated further by reviewing available regulatory agency records and contacting regulatory agency personnel. These include sites that are listed on the National Priorities List (NPL), violators on the RCRA treatment/storage/disposal facilities list, and those sites that do not meet the previous definition:

Twenty-seven (27) mapped sites were identified in the search radius around the property. Many of these listings were evaluated during the 2005 HMA, including closed leaking underground storage tank (LUST) cases near the Manchester Complex. Based on ER's current review and prior research, the 27 mapped sites in the current EDR have a low potential for impacting the property.

A total of eight (8) orphan sites with poor or inadequate address information were identified in the EDR report. Further investigation of these orphan listings determined that they have a low potential to impact the property.

A copy of the EDR report is included as **Attachment 2**.

PROPERTY INSPECTION

A property inspection was conducted by ER on December 3, 2008. The inspection involved a walk tour of the property and adjoining sites.

The subject property consists of linear slope between two portions of the 22 Freeway. The property is landscaped with ice plants and palm trees and contains utilities in support of the freeway signs. An underground storm drain line is located on the property that flows eastward and discharges from an outfall into the Santa Ana River.

The inspection of the addendum property found no issues of environmental concern.

AREA RECONNAISSANCE

A reconnaissance of the area within one quarter mile of the property was conducted by ER staff on December 3, 2008, to identify potential off site environmental conditions which may impact the property.

The area reconnaissance found that the parcel is surrounded by the Block of Orange shopping center to the northwest, the westbound 22 Freeway onramp and County facilities to the north, the Santa Ana River to the east, and the 22 Freeway and other commercial development to the south. The surrounding areas appeared relatively unchanged since the 2005 HMA. No issues of environmental concern were noted during the area reconnaissance.

EASEMENT DEED

ER reviewed the proposed language for the easement deed granting the storm drain property rights from the County to OCFCD. No environmental liens or other concerns were identified in the document, which is included as **Attachment 3**.

CONCLUSIONS

The review of the government regulatory database search identified 27 mapped and 8 orphan sites in the vicinity of the property. Further investigation of these listings determined that they have a low potential for impacting the property.

The property inspection and the area reconnaissance revealed no recognized environmental conditions (RECs) associated with the property.

No environmental concerns were identified in the proposed easement deed.

RECOMMENDATION

Based on the information obtained from the document reviews and field investigations, the subject HMA has been updated and amended to include Parcel GA1118-150. Therefore, ER recommends that conveyance of the property easement from the County to OCFCD proceed.

LIMITATIONS:

The County of Orange has performed this hazardous materials assessment in accordance with current professional standards for investigations of this type. The conclusions presented in this report are based on the information collected during the study, the present understanding of the site conditions, and professional judgment.

Please note, subsurface and hazardous waste/toxic substance conditions may vary from those tested in the laboratory, documented in historical documents or encountered at the location where visual inspections, borings, soundings, test pits, surveys, or other exploration were made by the County of Orange. The interpretations and recommendations of the County of Orange are based solely on such information. Findings of this investigation are based on data provided by others and carry no warranty, expressed or implied, as a result of the usage of such data.

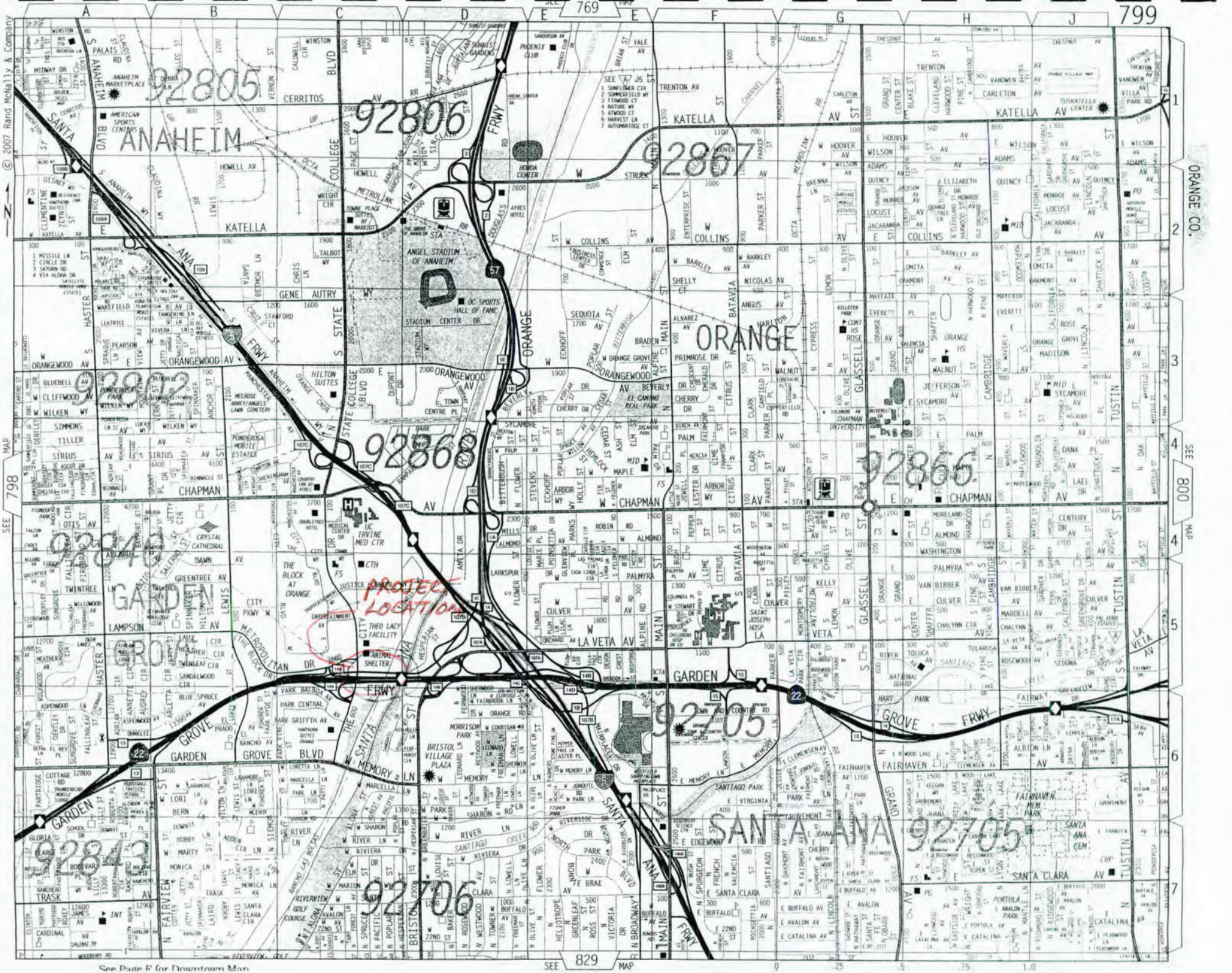
It is possible that future investigations may reveal additional data or variations of the current data, which may require the current conclusions and recommendations to be re-evaluated. If chemical analyses have been performed for specific parameters, it should be noted that additional chemical constituents not searched for during the current study may be present in soils and/or groundwater at the site.

As a result, the County of Orange makes no warranty, either express or implied, as to its findings, opinions, recommendations, specifications, or professional advice except that they were promulgated after being prepared in accordance with generally accepted standards of care and diligence normally practiced in this field.

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

ATTACHMENT 1

Addendum Property Location Maps and Photographs


© 2007 Rand McNally & Company
SEE 769 MAP
799
A
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92802
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92866
92843
92706
92705
92804
92703
92683
ANAHEIM
ORANGE
GARDEN GROVE
SANTA ANA
PROJECT LOCATION
ANAHEIM MARKETPLACE
AMERICAN SPORTS CENTERS
HONDA CENTER
ANGEL STADIUM OF ANAHEIM
OC SPORTS HALL OF FAME
CHAPMAN UNIVERSITY
UC IRVINE MED CTR
THE BLOCK AT ORANGE
CRYSTAL CATHEDRAL
CITY PKWY W
THEO LACY FACILITY
ANIMAL SHELTER
METROPOLITAN DR
BRISTOL VILLAGE PLAZA
RIVERVIEW GOLF COURSE
SANTIAGO PARK
FAIRHAVEN MEM PARK
SANTA ANA CEM
HART PARK
ORANGE CO.
SEE 798 MAP
SEE 829 MAP
See Page E for Downtown Map
0
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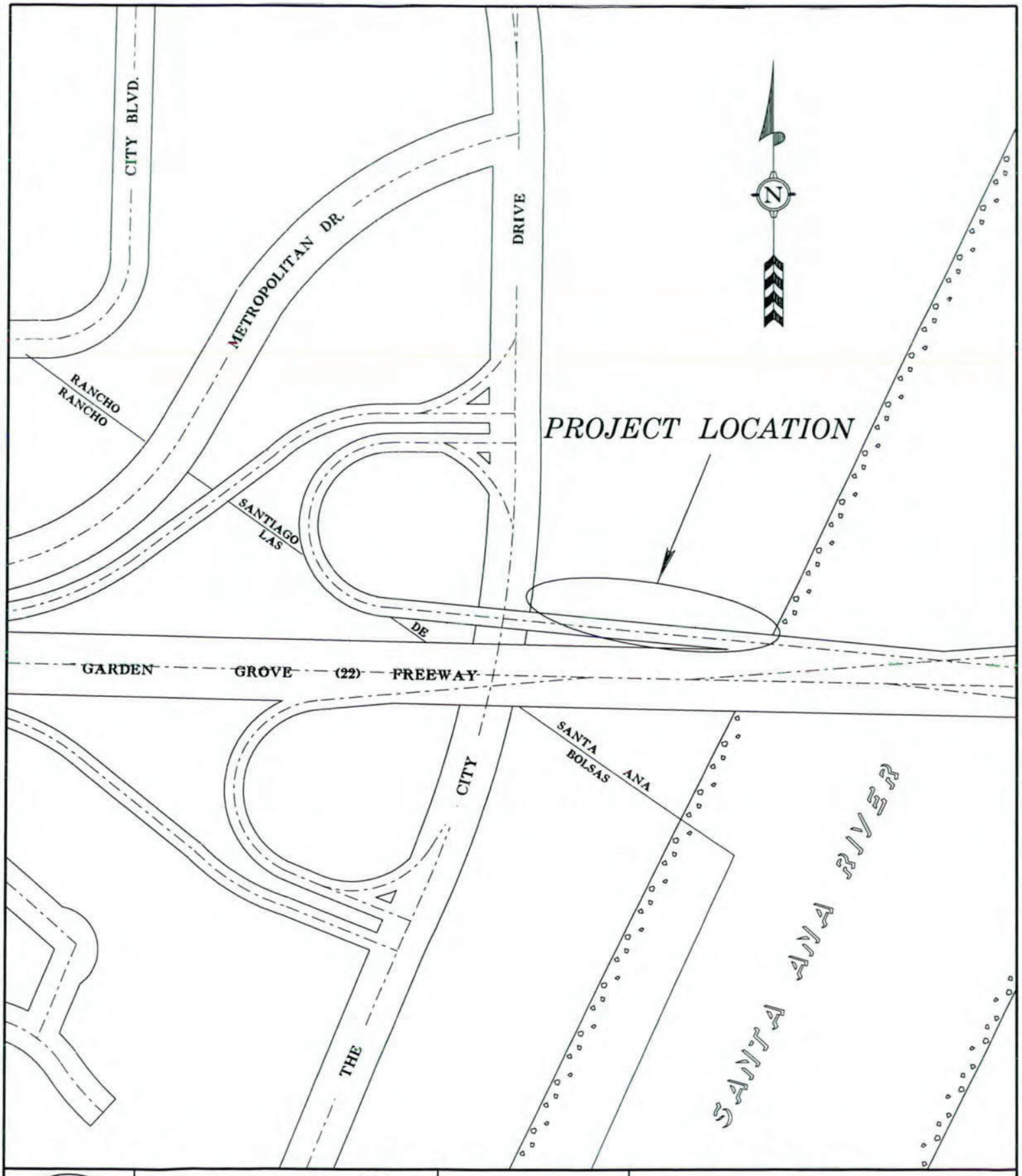

COUNTY OF ORANGE
OC PUBLIC WORKS
RIGHT - OF - WAY ENGINEERING

ID # 2005 - 060

SCALE : 1" = 200'

LOCATION MAP

Sheet 1 of 1

PROJECT : MANCHESTER COMPLEX - STORM DRAIN TO CITY OF ORANGE



COUNTY OF ORANGE
OC PUBLIC WORKS
RIGHT - OF - WAY ENGINEERING

ID # 2005 - 060

SCALE : 1" = 200'

LOCATION MAP

Sheet 1 of 1

PROJECT : MANCHESTER COMPLEX - STORM DRAIN TO CITY OF ORANGE



View of the western portion of the property, facing west. The 22 Freeway is located on the left side of the photograph, and the westbound onramp to the freeway is located on the right side of the photograph.



View of the eastern portion of the property, facing east. The Santa Ana River is located under the 22 Freeway bridge in the distance. The storm drain outfall associated with the property is located beneath the bridge.



View of the property from the Santa Ana River, facing west.

ATTACHMENT 2

EDR Database Report

Manchester Complex Storm Drain Easement
22 Freeway/The City Drive
Orange, CA 92868

Inquiry Number: 2374634.1s
December 02, 2008

The EDR Radius Map™ Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free 800 352 0050
www.edrnet.com

FORM-NOLL-COL

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

22 FREEWAY/THE CITY DRIVE
ORANGE, CA 92868

COORDINATES

Latitude (North):	33.779130 - 33° 46' 44.9"
Longitude (West):	117.887890 - 117° 53' 16.4"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	417790.6
UTM Y (Meters):	3737827.2
Elevation:	127 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	33117-G8 ANAHEIM, CA
Most Recent Revision:	1981
East Map:	33117-G7 ORANGE, CA
Most Recent Revision:	1981

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:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP	CERCLIS No Further Remedial Action Planned
LIENS 2	CERCLA Lien Information

EXECUTIVE SUMMARY

CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Transporters, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
RCRA-NonGen	RCRA - Non Generators
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
ODI	Open Dump Inventory
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System
RADINFO	Radiation Information Database
FINDS	Facility Index System/Facility Registry System
RAATS	RCRA Administrative Action Tracking System
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing

STATE AND LOCAL RECORDS

HIST Cal-Sites	Historical Calsites Database
CA BOND EXP. PLAN	Bond Expenditure Plan
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
CA WDS	Waste Discharge System
WMUDS/SWAT	Waste Management Unit Database
SWRCY	Recycler Database
CA FID UST	Facility Inventory Database
SLIC	Statewide SLIC Cases
UST	Active UST Facilities
LIENS	Environmental Liens Listing
SWEEPS UST	SWEEPS UST Listing
CHMIRS	California Hazardous Material Incident Report System
Notify 65	Proposition 65 Records
Orange Co. Industrial Site	List of Industrial Site Cleanups
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties

DRYCLEANERS..... Cleaner Facilities
WIP..... Well Investigation Program Case List
CDL..... Clandestine Drug Labs
RESPONSE..... State Response Sites
HAZNET..... Facility and Manifest Data
EMI..... Emissions Inventory Data
HAULERS..... Registered Waste Tire Haulers Listing

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
INDIAN UST..... Underground Storage Tanks on Indian Land
INDIAN VCP..... Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

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.

FEDERAL RECORDS

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 09/10/2008 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THE SHERWIN WILLIAMS CO	***2941 N HESPERIAN UNIT***	***E 1/8 - 1/4 (0.214 mi.)***	***11***	***15***

STATE AND LOCAL RECORDS

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 (Cal-Sites). This listing is no longer updated by the state agency.

A review of the Cortese list, as provided by EDR, and dated 04/01/2001 has revealed that there are 7 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GSA SERVICE STATION #2	***485 THE CITY DRIVE SOUT***	***NNW 1/8 - 1/4 (0.201 mi.)***	***C8***	***11***
UNOCAL #5618	***591 THE CITY DR***	***NNE 1/4 - 1/2 (0.266 mi.)***	***15***	***21***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY SHOPPING CENTER	3400 METROPOLITAN DR	NNW 1/8 - 1/4 (0.160 mi.)	B6	11
NEXUS CITY SQUARE	***770 THE CITY DRIVE SOUT***	***SSW 1/4 - 1/2 (0.260 mi.)***	***12***	***18***
THRIFTY OIL #375	***2940 BRISTOL ST***	***SE 1/4 - 1/2 (0.265 mi.)***	***D13***	***19***
EXXON SERVICE STATION #3398	***2910 BRISTOL ST***	***SE 1/4 - 1/2 (0.288 mi.)***	***E16***	***23***
MOBIL #18-HEP	***2921 BRISTOL ST***	***SE 1/4 - 1/2 (0.304 mi.)***	***E17***	***24***

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 11/04/2008 has revealed that there are 14 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GSA SERVICE STATION #2	***485 THE CITY DRIVE SOUT***	***NNW 1/8 - 1/4 (0.201 mi.)***	***C8***	***11***
CHEVRON #9-1660	3048 BRISTOL ST	ESE 1/8 - 1/4 (0.210 mi.)	10	14
UNOCAL #5618	***591 THE CITY DR***	***NNE 1/4 - 1/2 (0.266 mi.)***	***15***	***21***

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #5618	591 S THE CITY DR	WNW 0 - 1/8 (0.053 mi.)	1	6
PARK CITY CENTER	630 THE CITY	NNW 0 - 1/8 (0.115 mi.)	A2	6
FORMER BRIDGESTONE FIRESTONE	3400 METROPOLITAN DR	NNW 1/8 - 1/4 (0.160 mi.)	B5	9
NEXUS CITY SQUARE	***770 THE CITY DRIVE SOUT***	***SSW 1/4 - 1/2 (0.260 mi.)***	***12***	***18***
THRIFTY OIL #375	***2940 BRISTOL ST***	***SE 1/4 - 1/2 (0.265 mi.)***	***D13***	***19***
THRIFTY OIL #375	2940 N BRISTOL ST	SE 1/4 - 1/2 (0.265 mi.)	D14	20
EXXON SERVICE STATION #3398	***2910 BRISTOL ST***	***SE 1/4 - 1/2 (0.288 mi.)***	***E16***	***23***
MOBIL #18-HEP	***2921 BRISTOL ST***	***SE 1/4 - 1/2 (0.304 mi.)***	***E17***	***24***
CHEVRON #9-8787	2702 N BRISTOL ST	SSE 1/4 - 1/2 (0.449 mi.)	F18	28
EXXON SERVICE STATION #3843	2701 BRISTOL ST	SSE 1/4 - 1/2 (0.454 mi.)	F19	29
EXXON SERVICE STATION #3843	2701 N BRISTOL ST	SSE 1/4 - 1/2 (0.454 mi.)	F20	30

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 3 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GSA/TRANSPORTATION SERVICE STA	485 THE CITY DR S	NNW 1/8 - 1/4 (0.201 mi.)	C9	13

Lower Elevation	Address	Direction / Distance	Map ID	Page
WESTERN NATIONAL PROPERTIES	630 THE CITY DR S # 200	NNW 0 - 1/8 (0.115 mi.)	A3	8
FIRESTONE STORE	3400 W METROPOLITAN DR	NNW 1/8 - 1/4 (0.160 mi.)	B4	8

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 11/01/2007 has revealed that there is 1 AST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THEO LACY JAIL	501 THE CITY DRIVE SOUT	NNW 1/8 - 1/4 (0.176 mi.)	C7	11

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, icentification 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.

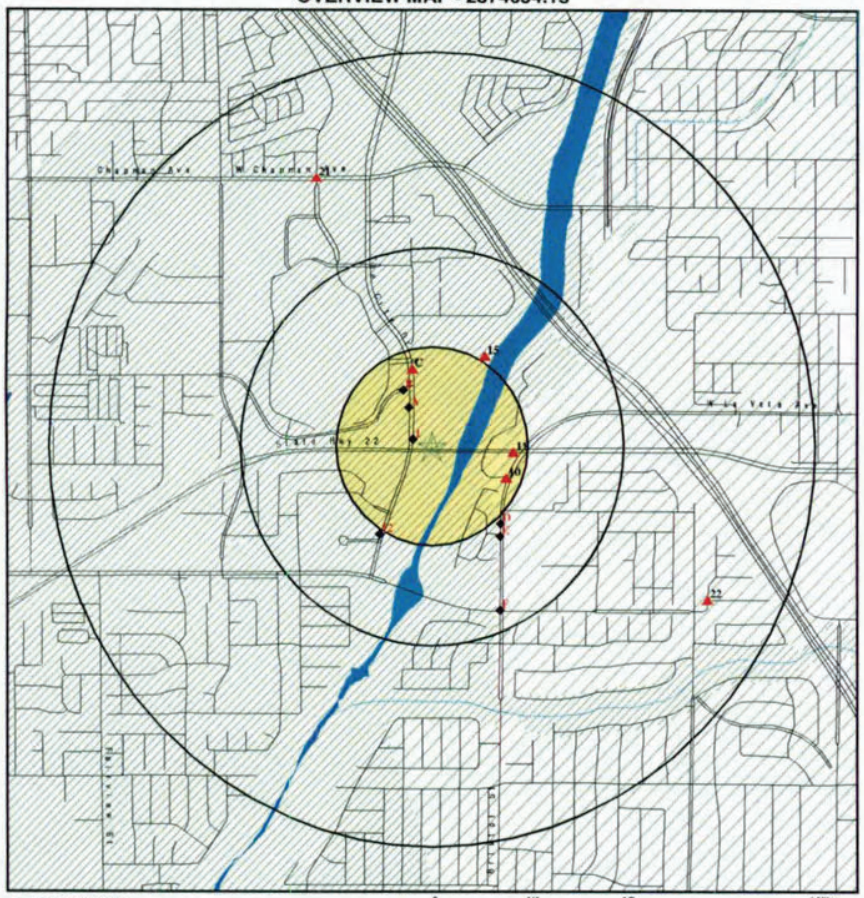
A review of the ENVIROSTOR list, as provided by EDR, and dated 08/25/2008 has revealed that there are 2 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THE CITY PLACE NORTH Facility Status: Refer: 1248 Local Agency	3745 WEST CHAPMAN AVENUNNW 1/2 - 1 (0.743 mi.)		21	30
LORIN GRISET NEW ELEMENTARY SC Facility Status: Certified	***2800 NORTH FARMERS DRIV***	***ESE 1/2 - 1 (0.817 mi.)***	***22***	***31***

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
THEO LACY JAIL EXPANSION	HAZNET, EMI, SWEEPS UST
WESTERN NATIONAL PROPERTIES	SWEEPS UST
MEMORY LANE CLEANERS	HAZNET, DRYCLEANERS
LA VETA #2 BURN DUMP	CERCLIS
ORANGE CITY DUMP #9	SWF/LF
THEO LACY JAIL EXPANSION	UST
ORANGE COUNTY STORM DAMAGE	HAZNET
STORM MS4	CA WDS

OVERVIEW MAP - 2374634.1s



0 1/4 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

SITE NAME: Manchester Complex Storm Drain Easement ADDRESS: 22 Freeway/The City Drive Orange CA 92868 LAT/LONG: 33.7791 / 117.8879	CLIENT: County of Orange/RDMD CONTACT: James Fortuna INQUIRY #: 2374634.1s DATE: December 02, 2008 6:19 pm

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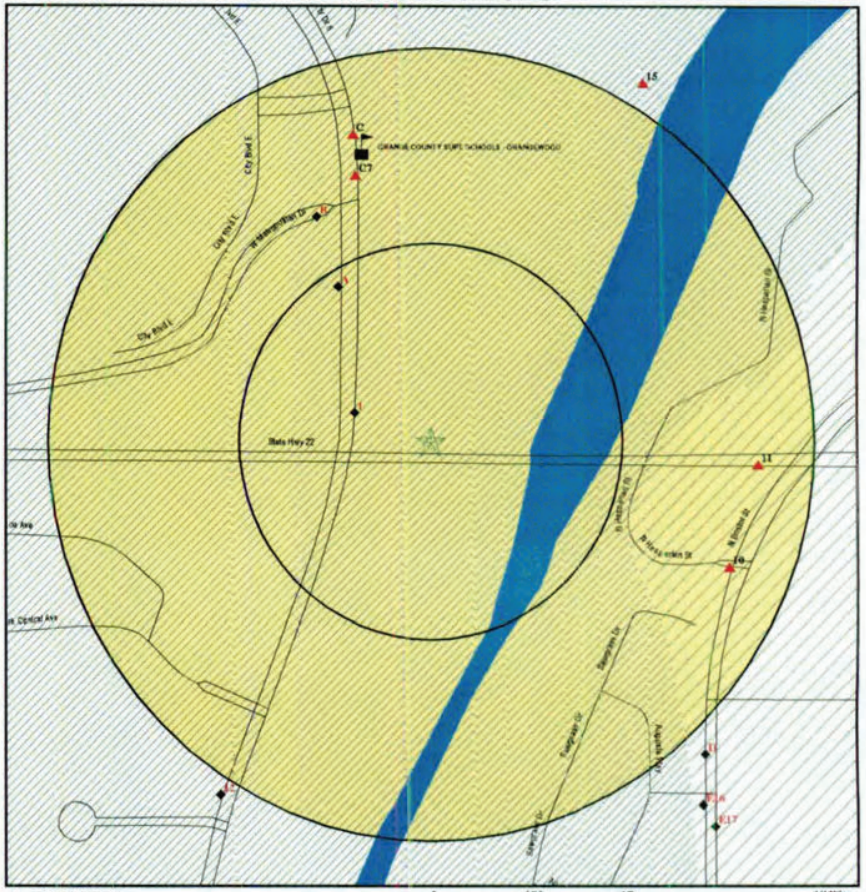
2

DETAIL MAP - 2374634.1s



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

SITE NAME: Manchester Complex Storm Drain Easement ADDRESS: 22 Freeway/The City Drive Orange CA 92868 LAT/LONG: 33.7791 / 117.8879	CLIENT: County of Orange/RDMD CONTACT: James Fortuna INQUIRY #: 2374634.1s DATE: December 02, 2008 6:19 pm

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3

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL RECORDS								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL LIENS		TP	NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
LIENS 2		TP	NR	NR	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA-TSDF		0.500	0	0	0	NR	NR	0
RCRA-LQG		0.250	0	0	NR	NR	NR	0
RCRA-SQG		0.250	0	1	NR	NR	NR	1
RCRA-CESQG		0.250	0	0	NR	NR	NR	0
RCRA-NonGen		0.250	0	0	NR	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
ERNS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
DOT OPS		TP	NR	NR	NR	NR	NR	0
US CDL		TP	NR	NR	NR	NR	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
DEBRIS REGION 9		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
HIST FTTS		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
ICIS		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
RADINFO		TP	NR	NR	NR	NR	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
SCRD DRYCLEANERS		0.500	0	0	0	NR	NR	0
STATE AND LOCAL RECORDS								
HIST Cal-Sites		1.000	0	0	0	0	NR	0
CA BOND EXP. PLAN		1.000	0	0	0	0	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SWF/LF		0.500	0	0	0	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
Cortese		0.500	0	2	5	NR	NR	7
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	2	3	9	NR	NR	14
CA FID UST		0.250	0	0	NR	NR	NR	0
SLIC		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	1	2	NR	NR	NR	3
LIENS		TP	NR	NR	NR	NR	NR	0
SWEEPS UST		0.250	0	0	NR	NR	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0
AST		0.250	0	1	NR	NR	NR	1
Notify 65		1.000	0	0	0	0	NR	0
Orange Co. Industrial Site		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
CDL		TP	NR	NR	NR	NR	NR	0
RESPONSE		1.000	0	0	0	0	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
HAULERS		TP	NR	NR	NR	NR	NR	0
ENVIROSTOR		1.000	0	0	0	2	NR	2
TRIBAL RECORDS								
INDIAN RESERV		1.000	0	0	0	0	NR	0
INDIAN ODI		0.500	0	0	0	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN VCP		0.500	0	0	0	NR	NR	0
EDR PROPRIETARY RECORDS								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

1
WNW
< 1/8
0.053 mi.
279 ft.

UNOCAL #5618
591 S THE CITY DR
ORANGE, CA 92668

LUST S109284384
N/A

Relative:
Lower

Actual:
126 ft.

LUST:

Region:	STATE
Status:	Completed - Case Closed
Global Id:	T0605901216
Latitude:	33.7800546
Longitude:	-117.8886116
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	2003-04-25 00:00:00
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Worker:	Not reported
Local Agency:	ORANGE, CITY OF
RB Case Number:	083001600T
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminats of Concern:	Gasoline
Site History:	Not reported

A2
NNW
< 1/8
0.115 mi.
607 ft.

PARK CITY CENTER
630 THE CITY
ORANGE, CA 92668

LUST S102769841
N/A

Site 1 of 2 in cluster A

Relative:
Lower

Actual:
126 ft.

LUST:

Region:	STATE
Status:	Completed - Case Closed
Global Id:	T0605902079
Latitude:	33.7790686
Longitude:	-117.8890696
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	1998-04-24 00:00:00
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	Not reported
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083003046T
LOC Case Number:	97UT047
File Location:	Local Agency
Potential Media Affect:	Not reported
Potential Contaminats of Concern:	Gasoline
Site History:	Not reported

LUST:

Region:	ORANGE
Facility Id:	97UT047
Current Status:	Certification (Case Closed)
Released Substance:	Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed:	04/24/1998
Case Type:	Soil Only
Record ID:	RO0002197

PARK CITY CENTER (Continued) S102769841

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083003046T
Local Case Num:	97UT047
Case Type:	Soil only
Substance:	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:	T0605902079
How Stopped Date:	9/9/9999
Enter Date:	Not reported
Review Date:	Not reported
Prelim Assess:	Not reported
Discover Date:	10/27/1997
Enforcement Date:	Not reported
Close Date:	4/24/1998
Workplan:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
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:	33.7790686
Longitude:	-117.8890696
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:	NOM
Staff Initials:	KC
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

A3
NNW
< 1/8
0.115 mi.
607 ft.

WESTERN NATIONAL PROPERTIES
630 THE CITY DR S # 200
ORANGE, CA 92668

HIST UST U001577695
N/A

Site 2 of 2 in cluster A

Relative:
Lower

Actual:
126 ft.

HIST UST:

Region:	STATE
Facility ID:	00000065555
Facility Type:	Other
Other Type:	REAL ESTATE DEVELOPM
Total Tanks:	0003
Contact Name:	PETER L. JACOBS
Telephone:	7149714747
Owner Name:	WESTERN NATIONAL PROPERTIES
Owner Address:	630 THE CITY DRIVE
Owner City,St,Zip:	ORANGE, CA 92668
Tank Num:	001
Container Num:	1
Year Installed:	1980
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	3
Year Installed:	1980
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	003
Container Num:	2
Year Installed:	1980
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Tank Construction:	Not reported
Leak Detection:	Visual, Stock Inventor

B4
NNW
1/8-1/4
0.160 mi.
847 ft.

FIRESTONE STORE
3400 W METROPOLITAN DR
ORANGE, CA 92668

HIST UST U001577659
N/A

Site 1 of 3 in cluster B

Relative:
Lower

Actual:
126 ft.

HIST UST:

Region:	STATE
Facility ID:	00000031831
Facility Type:	Other
Other Type:	AUTO SERVICE CENTER
Total Tanks:	0004
Contact Name:	LARRY RANG
Telephone:	7146340597
Owner Name:	FIRESTONE TIRE & RUBBER CO.

FIRESTONE STORE (Continued) U001577659

Owner Address:	1200 FIRESTONE PARKWAY
Owner City,St,Zip:	AKRON, OH 44317
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Tank Construction:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Tank Construction:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	None
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Tank Construction:	Not reported
Leak Detection:	None

B5
NNW
1/8-1/4
0.160 mi.
847 ft.

FORMER BRIDGESTONE FIRESTONE
3400 METROPOLITAN DR
ORANGE, CA 92868

LUST S103444603
N/A

Site 2 of 3 in cluster B

Relative:
Lower

Actual:
126 ft.

LUST:

Region:	STATE
Status:	Completed - Case Closed
Global Id:	T0605902055
Latitude:	33.7813836
Longitude:	-117.8888677
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date	2002-09-27 00:00:00
Lead Agency:	ORANGE COUNTY LOP
Case Worker:	Not reported
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	083003009T

FORMER BRIDGESTONE FIRESTONE (Continued) **S103444603**

LOC Case Number: 98UT074
File Location: Local Agency
Potential Media Affect: Not reported
Potential Contaminats of Concern: Gasoline
Site History: Not reported

LUST:
Region: ORANGE
Facility Id: 98UT074
Current Status: Certification (Case Closed)
Released Substance: Gasoline-Automotive (motor gasoline and additives), leaded & unleaded
Date Closed: 09/27/2002
Case Type: Other Ground Water
Record ID: RO0002838

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083003009T
Local Case Num: 98UT074
Case Type: Other ground water affected
Substance: 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: T0605902055
How Stopped Date: 9/9/9999
Enter Date: Not reported
Review Date: Not reported
Prelim Assess: Not reported
Discover Date: 12/14/1984
Enforcement Date: Not reported
Close Date: 9/27/2002
Workplan: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Enter Date: Not reported
GW Qualifies: ND
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.7813836
Longitude: -117.8888677
MTBE Date: 3/12/2002

FORMER BRIDGESTONE FIRESTONE (Continued) **S103444603**

Max MTBE GW: 0
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class: *
Staff: VJJ
Staff Initials: AR
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

B6 **CITY SHOPPING CENTER** Cortese S104758490
NNW **3400 METROPOLITAN DR** N/A
1/8-1/4 **ORANGE, CA 92868**
0.160 mi.
847 ft. **Site 3 of 3 in cluster B**

Relative: **Lower**

Actual: **126 ft.**

Cortese:
Region: CORTESE
Facility Addr2: 3480 METROPOLITAN DR

C7 **THEO LACY JAIL** AST A100226647
NNW **501 THE CITY DRIVE SOUTH** N/A
1/8-1/4 **ORANGE, CA 92868**
0.176 mi.
927 ft. **Site 1 of 3 in cluster C**

Relative: **Equal**

Actual: **127 ft.**

AST:
Owner: ORANGE COUNTY SHERIFF CORONOR
Total Gallons: 3000

C8 **GSA SERVICE STATION #2** LUST S105025364
NNW **485 THE CITY DRIVE SOUTH** Cortese N/A
1/8-1/4 **ORANGE, CA 92668**
0.201 mi.
1063 ft. **Site 2 of 3 in cluster C**

Relative: **Equal**

Actual: **127 ft.**

LUST:
Region: STATE
Status: Completed - Case Closed
Global Id: T0605901598
Latitude: 33.7805586
Longitude: -117.8886166
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 1992-12-16 00:00:00
Lead Agency: ORANGE, CITY OF
Case Worker: Not reported
Local Agency: ORANGE, CITY OF

GSA SERVICE STATION #2 (Continued) **S105025364**

RB Case Number: 0830021597
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminats of Concern: Gasoline
Site History: Not reported

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Preliminary site assessment underway
Case Number: 0830021597
Local Case Num: Not reported
Case Type: Soil only
Substance: Unleaded Gasoline
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Cross Street: JUSTICE CENTER
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global ID: T0605901598
How Stopped Date: 9/8/1992
Enter Date: 12/24/1992
Review Date: 9/8/1992
Prelim Assess: 11/12/1993
Discover Date: 9/8/1992
Enforcement Date: Not reported
Close Date: 12/16/1992
Workplan: 10/12/1992
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: 12/8/1992
Monitoring: Not reported
Enter Date: 12/24/1992
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.7805586
Longitude: -117.8886166
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: NOM
Staff Initials: UNK

GSA SERVICE STATION #2 (Continued) **S105025364**

Lead Agency: Local Agency
Local Agency: Orange, Orange County
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 485 THE CITY DRIVE SOUTH

C9 **GSA/TRANSPORTATION SERVICE STA** HIST UST U001577663
NNW **485 THE CITY DR S** N/A
1/8-1/4 **ORANGE, CA 92668**
0.201 mi.
1063 ft. **Site 3 of 3 in cluster C**

Relative:
Equal

Actual:
127 ft.

HIST UST:
Region: STATE
Facility ID: 00000011656
Facility Type: Gas Station
Other Type: Not reported
Total Tanks: 0004
Contact Name: ED FINN
Telephone: 7148342512
Owner Name: COUNTY OF ORANGE-GSA/TRANSPORT
Owner Address: 445 CIVIC CENTER DRIVE WEST
Owner City,St,Zip: SANTA ANA, CA 92701

Tank Num: 001
Container Num: 21
Year Installed: 1962
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

Tank Num: 002
Container Num: 22
Year Installed: 1962
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

Tank Num: 003
Container Num: 23
Year Installed: 1962
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Tank Construction: Not reported
Leak Detection: None

GSA/TRANSPORTATION SERVICE STA (Continued) — **U001577663**

Tank Num: 004
Container Num: 24
Year Installed: 1962
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Tank Construction: Not reported
Leak Detection: None

10
ESE
1/8-1/4
0.210 mi.
1110 ft.

CHEVRON #9-1660
3048 BRISTOL ST
SANTA ANA, CA 92706

LUST **S103891622**
N/A

Relative:
Equal

Actual:
127 ft.

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083000926T
Local Case Num: Not reported
Case Type: Soil only
Substance: Regular Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: CALLENS COMMON
Enf Type: Not reported
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0605900738
How Stopped Date: Not reported
Enter Date: 6/20/1988
Review Date: Not reported
Prelim Assess: Not reported
Discover Date: Not reported
Enforcement Date: Not reported
Close Date: 6/27/1988
Workplan: Not reported
Pollution Char: Not reported
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Enter Date: 6/20/1988
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.7788227
Longitude: -117.8837945
MTBE Date: 4/30/1998
Max MTBE GW: 640
MTBE Concentretion: 1

CHEVRON #9-1660 (Continued) — **S103891622**

Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class: Not reported
Staff: RS
Staff Initials: JB
Lead Agency: Local Agency
Local Agency: Santa Ana, Orange County
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

11
East
1/8-1/4
0.214 mi.
1130 ft.

THE SHERWIN WILLIAMS CO
2941 N HESPERIAN UNIT A
SANTA ANA, CA 92706

RCRA-SQG **1000857645**
FINDS **CAD983670886**
HAZNET

Relative:
Equal

Actual:
127 ft.

RCRA-SQG:
Date form received by agency: 07/07/1993
Facility name: THE SHERWIN WILLIAMS CO
Facility address: 2941 N HESPERIAN UNIT A
SANTA ANA, CA 92706
EPA ID: CAD983670886
Contact: CONAN STANBURY
Contact address: 2941 N HESPERIAN UNIT A
SANTA ANA, CA 92706
Contact country: US
Contact telephone: (714) 547-3366
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: SHERWIN WILLIAMS CO
Owner/operator address: 101 PROSPECT AVE
CLEVELAND, OH 44115
Owner/operator country: Not reported
Owner/operator telephone: (216) 566-2000
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: Unknown
Mixed waste (haz. and radioactive): Unknown
Recycler of hazardous waste: No
Transporter of hazardous waste: No

THE SHERWIN WILLIAMS CO (Continued) **1000857645**

Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	Unknown
Furnace exemption:	Unknown
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
Off-site waste receiver:	Commercial status unknown

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site

California - Hazardous Waste Tracking System - Datamart

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.

HAZNET:

Gepaid:	CAD983670886
Contact:	THE SHERWIN WILLIAMS COMPANY
Telephone:	2165662000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	101 W PROSPECT AVE
Mailing City,St,Zip:	CLEVELAND, OH 441151027
Gen County:	Orange
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Off-specification, aged, or surplus organics
Disposal Method:	Transfer Station
Tons:	.2085
Facility County:	Orange

Gepaid:	CAD983670886
Contact:	THE SHERWIN WILLIAMS COMPANY
Telephone:	2165662000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	101 W PROSPECT AVE
Mailing City,St,Zip:	CLEVELAND, OH 441151027
Gen County:	Orange
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Off-specification, aged, or surplus inorganics
Disposal Method:	Disposal, Other
Tons:	.2000

THE SHERWIN WILLIAMS CO (Continued) **1000857645**

Facility County:	Orange

Gepaid:	CAD983670886
Contact:	THE SHERWIN WILLIAMS COMPANY
Telephone:	2165662000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	101 W PROSPECT AVE
Mailing City,St,Zip:	CLEVELAND, OH 441151027
Gen County:	Orange
TSD EPA ID:	CAD008302903
TSD County:	Los Angeles
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Tons:	.1876
Facility County:	Orange

Gepaid:	CAD983670886
Contact:	THE SHERWIN WILLIAMS COMPANY
Telephone:	2165662000
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	101 W PROSPECT AVE
Mailing City,St,Zip:	CLEVELAND, OH 441151027
Gen County:	Orange
TSD EPA ID:	CAT000646117
TSD County:	Kings
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Disposal, Land Fill
Tons:	.0125
Facility County:	Orange

Gepaid:	CAD983670886
Contact:	ERIC ANDERSON
Telephone:	7145473366
Facility Addr2:	Not reported
Mailing Name:	Not reported
Mailing Address:	101 W PROSPECT AVE
Mailing City,St,Zip:	CLEVELAND, OH 441151027
Gen County:	Orange
TSD EPA ID:	Not reported
TSD County:	99
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Not reported
Tons:	4.50
Facility County:	Not reported

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

12
SSW
1/4-1/2
0.260 mi.
1374 ft.

NEXUS CITY SQUARE
770 THE CITY DRIVE SOUTH
ORANGE, CA 92618

LUST **S105025365**
Cortese **N/A**

Relative:
Lower

Actual:
119 ft.

LUST:

Region:	STATE
Status:	Completed - Case Closed
Global Id:	T0605901366
Latitude:	33.7786496
Longitude:	-117.8891806
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	1991-10-17 00:00:00
Lead Agency:	ORANGE, CITY OF
Case Worker:	Not reported
Local Agency:	ORANGE, CITY OF
RB Case Number:	083001827T
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminats of Concern:	Diesel
Site History:	Not reported

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001827T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	GARDEN GROVE
Enf Type:	CLOS
Funding:	State Funds
How Discovered:	Tank Test
How Stopped:	Not reported
Leak Cause:	Other Cause
Leak Source:	Piping
Global ID:	T0605901366
How Stopped Date:	3/6/1991
Enter Date:	4/9/1991
Review Date:	Not reported
Prelim Assess:	Not reported
Discover Date:	3/6/1991
Enforcement Date:	Not reported
Close Date:	10/17/1991
Workplan:	Not reported
Pollution Char:	Not reported
Remed Plan:	Not reported
Remed Action:	Not reported
Monitoring:	Not reported
Enter Date:	4/9/1991
GW Qualifies:	Not reported
Soil Qualifies:	Not reported

NEXUS CITY SQUARE (Continued) **S105025365**

Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7786496
Longitude:	-117.8891806
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:	CAB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	Orange, Orange County
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

Cortese:

Region:	CORTESE
Facility Addr2:	770 THE CITY DRIVE SOUTH

D13
SE
1/4-1/2
0.265 mi.
1400 ft.

THRIFTY OIL #375
2940 BRISTOL ST
SANTA ANA, CA 92706

Site 1 of 2 in cluster D

LUST **S101299959**
Cortese **N/A**

Relative:
Lower

Actual:
123 ft.

LUST REG 8:

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Pollution Characterization
Case Number:	083001076T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Waste Oil
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	HESPERIAN
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0605900850
How Stopped Date:	Not reported
Enter Date:	1/31/2000
Review Date:	Not reported
Prelim Assess:	1/12/2000

THRIFTY OIL #375 (Continued) S101299956

Discover Date: 9/14/1988
Enforcement Date: Not reported
Close Date: Not reported
Workplan: Not reported
Pollution Char: 12/2/2004
Remed Plan: 10/21/2004
Remed Action: 10/12/2004
Monitoring: 10/12/2004
Enter Date: 1/31/2000
GW Qualifies: =
Soil Qualifies: =
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.77821939
Longitude: -117.884629
MTBE Date: 2/26/2001
Max MTBE GW: 1880
MTBE Concentration: 3
Max MTBE Soil: 152
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class: B
Staff: VJJ
Staff Initials: JB
Lead Agency: Regional Board
Local Agency: Santa Ana, Orange County
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: PROC, IND, MUN
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: 11/21/88 - a 5c was initiated, but 1/12/00 investigation inidcated GW impact of MtBE, case has been

Cortese:
Region: CORTESE
Facility Addr2: 2940 BRISTOL ST

D14 **THRIFTY OIL #375** LUST S109284220
SE **2940 N BRISTOL ST** N/A
1/4-1/2 **SANTA ANA, CA 92706**
0.265 mi.
1400 ft. **Site 2 of 2 in cluster D**

Relative: **Lower**

Actual: **123 ft.**

LUST:
Region: STATE
Status: Completed - Case Closed
Global Id: T0605900850
Latitude: 33.778447098
Longitude: -117.884779
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 2005-09-28 00:00:00
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Worker: Not reported

THRIFTY OIL #375 (Continued) S109284220

Local Agency: SANTA ANA, CITY OF
RB Case Number: 083001076T
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminats of Concern: Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

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15 **UNOCAL #5618** LUST S101589037
NNE **591 THE CITY DR** Cortese N/A
1/4-1/2 **ORANGE, CA 92668** CA FID UST
0.266 mi. SWEEPS UST
1406 ft.

Relative: **Higher**

Actual: **129 ft.**

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001600T
Local Case Num: Not reported
Case Type: Aquifer affected
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: FPEDVE
Cross Street: HWY 22
Enf Type: CLOS
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0605901216
How Stopped Date: Not reported
Enter Date: 7/2/2002
Review Date: Not reported
Prelim Assess: 7/30/1990
Discover Date: 3/22/1990
Enforcement Date: 1/1/1965
Close Date: 4/25/2003
Workplan: 3/1/1990
Pollution Char: 6/1/1994
Remed Plan: 7/27/2000
Remed Action: 3/25/1997
Monitoring: Not reported
Enter Date: 7/2/2002
GW Qualifies: =
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.7800546
Longitude: -117.8886116
MTBE Date: 4/23/1996
Max MTBE GW: 10000
MTBE Concentration: 2
Max MTBE Soil: Not reported

UNOCAL #5618 (Continued) **S101589037**

MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class: Not reported
Staff: NOM
Staff Initials: KAT
Lead Agency: Regional Board
Local Agency: Orange, Orange County
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: 1995-GW 40' BGS & FLOWS TOWARD THE NW. VES STARTED 3/25/97. ADDITIONAL WELLS (MW-3A, MW-4, MW-5, MW-8MW-9) WERE CONNECTED TO THE VES IN 11/97.

Cortese:
Region: CORTESE
Facility Addr2: 591 THE CITY DR

CA FID UST:
Facility ID: 30001057
Regulated By: UTNKA
Regulated ID: 00055197
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7146349139
Mail To: Not reported
Mailing Address: 17700 CASTLETON
Mailing Address 2: Not reported
Mailing City,St,Zip: ORANGE 92668
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: A
Comp Number: 55197
Number: 1
Board Of Equalization: 44-000051
Ref Date: 06-09-93
Act Date: 06-09-93
Created Date: 10-13-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 30-030-055197-000001
Actv Date: 06-10-93
Capacity: 9950
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 3

UNOCAL #5618 (Continued) **S101589037**

Status: A
Comp Number: 55197
Number: 1
Board Of Equalization: 44-000051
Ref Date: 06-09-93
Act Date: 06-09-93
Created Date: 10-13-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 30-030-055197-000002
Actv Date: 06-10-93
Capacity: 9950
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 55197
Number: 1
Board Of Equalization: 44-000051
Ref Date: 06-09-93
Act Date: 06-09-93
Created Date: 10-13-88
Tank Status: A
Owner Tank Id: Not reported
Swrcb Tank Id: 30-030-055197-000002
Actv Date: 06-10-93
Capacity: 280
Tank Use: OIL
Stg: W
Content: WASTE OIL
Number Of Tanks: Not reported

E16 **EXXON SERVICE STATION #3398** **LUST S104164238**
SE **2910 BRISTOL ST** **Cortese N/A**
1/4-1/2 **SANTA ANA, CA 92704**
0.268 mi.
1522 ft. **Site 1 of 2 in cluster E**

Relative:
Lower

Actual:
122 ft.

LUST REG 8:
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001753T
Local Case Num: Not reported
Case Type: Aquifer affected
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: Not reported
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK

EXXON SERVICE STATION #3398 (Continued) **S104164238**

Global ID: T0605901319
How Stopped Date: 1/1/1990
Enter Date: 3/18/1991
Review Date: 1/18/1991
Prelim Assess: Not reported
Discover Date: 1/18/1991
Enforcement Date: Not reported
Close Date: 8/17/1992
Workplan: 1/18/1991
Pollution Char: 3/15/1991
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Enter Date: 3/18/1991
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.7085756
Longitude: -117.885588
MTBE Data: 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: CAB
Staff Initials: JB
Lead Agency: Regional Board
Local Agency: Santa Ana, Orange County
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: 4/16/91 - GW IN EXCAVATION. BTEX AT 1.2 PPM. 6/17/92 - SAFD CLOSED SITE.

Cortese:
Region: CORTESE
Facility Addr2: Not reported

E17 **MOBIL #18-HEP** **LUST S101588987**
SE **2921 BRISTOL ST** **Cortese N/A**
1/4-1/2 **SANTA ANA, CA 92704** **CA FID UST**
0.304 mi. **SWEEPS UST**
1604 ft. **Site 2 of 2 in cluster E**

Relative: LUST REG 8:
Lower Region: 8
County: Orange
Actual: Regional Board: Santa Ana Region
121 ft. Facility Status: Case Closed
Case Number: 083000757T
Local Case Num: Not reported

MOBIL #18-HEP (Continued) **S101588987**

Case Type: Aquifer affected
Substance: Waste Oil
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: SEGERSTROM
Enf Type: Not reported
Funding: Responsible Party
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global ID: T0605900599
How Stopped Date: 1/28/1988
Enter Date: 3/1/1988
Review Date: Not reported
Prelim Assess: Not reported
Discover Date: 1/28/1988
Enforcement Date: Not reported
Close Date: 7/21/1992
Workplan: Not reported
Pollution Char: 3/1/1988
Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Enter Date: 3/1/1988
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.70788167
Longitude: -117.885301
MTBE Data: 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: JB
Lead Agency: Regional Board
Local Agency: Santa Ana, Orange County
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Remedial action (cleanup) Underway
Case Number: 083003281T
Local Case Num: Not reported

MOBIL #18-HEP (Continued) S101588987

Case Type: Aquifer affected
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: SERERSTROM
Enf Type: VER
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0605902208
How Stopped Date: Not reported
Enter Date: 11/6/1998
Review Date: Not reported
Prelim Assess: 3/28/2000
Discover Date: 8/24/1998
Enforcement Date: 7/13/2000
Close Date: Not reported
Workplan: Not reported
Pollution Char: 9/28/2000
Remed Plan: 4/9/2002
Remed Action: 5/15/2002
Monitoring: Not reported
Enter Date: 11/6/1998
GW Qualifies: =
Soil Qualifies: =
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.70779312
Longitude: -117.8853635
MTBE Date: 2/7/2000
Max MTBE GW: 100000
MTBE Concentration: 2
Max MTBE Soil: 80
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class: A
Staff: RS
Staff Initials: JB
Lead Agency: Regional Board
Local Agency: Santa Ana, Orange County
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

Cortese:
Region: CORTESE
Facility Addr2: 2921 BRISTOL ST

Region: CORTESE
Facility Addr2: 2921 BRISTOL ST

MOBIL #18-HEP (Continued) S101588987

CA FID UST:
Facility ID: 30000744
Regulated By: UTNKA
Regulated ID: 00039443
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7145451056
Mail To: Not reported
Mailing Address: 3225 GALLOWS RD
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ANA 92704
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: A
Comp Number: 24
Number: 1
Board Of Equalization: Not reported
Ref Date: 07-19-93
Act Date: 07-19-93
Created Date: 07-31-88
Tank Status: A
Owner Tank Id: 18-HEP-4
Swrcb Tank Id: 30-020-000024-000001
Actv Date: 04-27-92
Capacity: 10000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: A
Comp Number: 24
Number: 1
Board Of Equalization: Not reported
Ref Date: 07-19-93
Act Date: 07-19-93
Created Date: 07-31-88
Tank Status: A
Owner Tank Id: 18-HEP-2
Swrcb Tank Id: 30-020-000024-000002
Actv Date: 04-27-92
Capacity: 6000
Tank Use: M.V. FUEL
Stg: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: A
Comp Number: 24

MOBIL #18-HEP (Continued) S101568987

Number:	1
Board Of Equalization:	Not reported
Ref Date:	07-19-93
Act Date:	07-19-93
Created Date:	07-31-88
Tank Status:	A
Owner Tank Id:	18-HEP-3
Swrcb Tank Id:	30-020-000024-000003
Actv Date:	04-27-92
Capacity:	8000
Tank Use:	M.V. FUEL
Stg:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported
Status:	A
Comp Number:	24
Number:	1
Board Of Equalization:	Not reported
Ref Date:	07-19-93
Act Date:	07-19-93
Created Date:	07-31-88
Tank Status:	A
Owner Tank Id:	18-HEP-1
Swrcb Tank Id:	30-020-000024-000004
Actv Date:	04-27-92
Capacity:	550
Tank Use:	OIL
Stg:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

F18 **CHEVRON #9-8787** LUST S109284654
SSE **2702 N BRISTOL ST** N/A
1/4-1/2 **SANTA ANA, CA 92706**
0.449 mi.
2373 ft. **Site 1 of 3 in cluster F**

Relative: LUST:
Lower

Actual:
121 ft.

Region:	STATE
Status:	Completed - Case Closed
Global Id:	T0605902278
Latitude:	33.7732178
Longitude:	-117.8848894
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	2001-10-04 00:00:00
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Worker:	Not reported
Local Agency:	SANTA ANA, CITY OF
RB Case Number:	083003454T
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminats of Concern:	Gasoline
Site History:	Not reported

F19 **EXXON SERVICE STATION #3843** LUST S104184234
SSE **2701 BRISTOL ST** N/A
1/4-1/2 **SANTA ANA, CA 92706**
0.454 mi.
2397 ft. **Site 2 of 3 in cluster F**

Relative: LUST REG 8:
Lower

Actual:
121 ft.

Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Pollution Characterization
Case Number:	083000370T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	MEMORY
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0605900295
How Stopped Date:	4/21/1995
Enter Date:	1/21/1992
Review Date:	Not reported
Prelim Assess:	Not reported
Discover Date:	4/21/1995
Enforcement Date:	Not reported
Close Date:	Not reported
Workplan:	Not reported
Pollution Char:	12/31/2004
Remed Plan:	Not reported
Remed Action:	5/3/2004
Monitoring:	10/2/2000
Enter Date	1/21/1992
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.77327001
Longitude:	-117.8846629
MTBE Date:	8/23/2001
Max MTBE GW:	6200
MTBE Concentration:	13
Max MTBE Soil:	1940
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	B
Staff:	CAB
Staff Initials	JB
Lead Agency:	Regional Board
Local Agency:	Santa Ana, Orange County
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported

EXXON SERVICE STATION #3843 (Continued) **S104164234**

Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: 7/3/93 - SUBMITTED RA. ASSUMED GW AT 135'. REGIONAL DATA SUGGEST 70-90' MOST SOIL CONTAM 10-40' DEPTH. REQUESTING SOIL CONTAM LEFT IN PLACE WITH CLOSURE

F20 **EXXON SERVICE STATION #3843** **LUST** **S109284269**
SSE **2701 N BRISTOL ST** **N/A**
1/4-1/2 **SANTA ANA, CA 92706**
0.454 mi.
2398 ft. **Site 3 of 3 in cluster F**

Relative: **Lower**

Actual: **121 ft.**

LUST:
Region: STATE
Status: Open - Verification Monitoring
Global Id: T0605900295
Latitude: 33.773270005
Longitude: -117.8846629
Case Type: LUST Cleanup Site
Status: Open - Verification Monitoring
Status Date: 2007-09-27 00:00:00
Lead Agency: SANTA ANA RWQCB (REGION 8)
Case Worker: Not reported
Local Agency: SANTA ANA, CITY OF
RB Case Number: 083000370T
LOC Case Number: Not reported
File Location: Regional Board
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminats of Concern: Gasoline
Site History: Not reported

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21 **THE CITY PLACE NORTH** **ENVIROSTOR** **S106893791**
NNW **3745 WEST CHAPMAN AVENUE** **N/A**
1/2-1 **ORANGE, CA 92868**
0.743 mi.
3925 ft.

Relative: **Higher**

Actual: **134 ft.**

ENVIROSTOR:
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cypress
Facility ID: 30000017
Site Code: Not reported
Assembly: 72
Senate: 33
Special Program: Not reported
Status: Refer: 1248 Local Agency
Status Date: 2000-12-05 00:00:00
Restricted Use: NO
Funding: Not Applicable

THE CITY PLACE NORTH (Continued) **S106893791**

Latitude: 33.7895276722326
Longitude: -117.893599562155
Alias Name: 30000017
Alias Type: Envirostor ID Number

APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported

Completed Info:
Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported

Confirmed: NONE SPECIFIED
Confirmed Description: Not reported
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: NONE SPECIFIED
Media Affected Desc: Not reported

Management:
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: NONE SPECIFIED
Potential Description: 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
PastUse: NONE SPECIFIED

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22 **LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4** **SCH** **S105754254**
ESE **2800 NORTH FARMERS DRIVE** **ENVIROSTOR** **N/A**
1/2-1 **SANTA ANA, CA 92706**
0.817 mi.
4311 ft.

Relative: **Higher**

Actual: **137 ft.**

SCH:
Facility ID: 30010010
Site Type: School Cleanup
Site Type Detail: School
Acres: 9
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: NONE SPECIFIED
Lead Agency Description: Not reported
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Cypress
Site Code: 404204-11
Assembly: 69
Senate: 34
Special Program Status: Not reported

LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4 (Continued) **S105754254**

Status: Certified
Status Date: 2003-05-23 00:00:00
Restricted Use: NO
Funding: School District
Latitude: 33.7663
Longitude: -117.8781
Alias Name: 110033608086
Alias Type: EPA (FRS #)
Alias Name: SANTA ANA USD-NEW H.
Alias Type: Alternate Name
Alias Name: LORIN GRISET NEW ELE
Alias Type: Alternate Name
Alias Name: 404204-11
Alias Type: Project Code (Site Code)
Alias Name: 30010010
Alias Type: Envirostor ID Number
Alias Name: LORIN GRISET NEW ELE
Alias Type: Alternate Name
Alias Name: SANTA ANA UNIFIED SC
Alias Type: Alternate Name

APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 2002-09-30 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 2003-05-23 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 2003-05-21 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 2001-03-09 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 2002-09-16 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/ Visit
Completed Date: 2001-04-10 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4 (Continued) **S105754254**

Completed Document Type: Site Inspections/ Visit
Completed Date: 2002-05-14 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Clean-up Agreement
Completed Date: 2002-01-02 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 2001-01-19 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 2002-02-08 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 2003-05-21 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Action Memorandum (if <$1M)
Completed Date: 2002-09-30 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Memorandums
Completed Date: 2002-06-24 00:00:00

Confirmed: 30001
Confirmed Description: Arsenic
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: 30001
Media Affected Desc: Not reported

Management:
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: SOIL
Potential Description: 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
PastUse: AGRICULTURAL - ROW CROPS

ENVIROSTOR:
Site Type: School Cleanup
Site Type Detailed: School

LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4 (Continued) **S105754254**

Acres: 9
NPL: NO
Regulatory Agencies: DTSC
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Cypress
Facility ID: 30010010
Site Code: 404204-11
Assembly: 69
Senate: 34
Special Program: Not reported
Status: Certified
Status Date: 2003-05-23 00:00:00
Restricted Use: NO
Funding: School District
Latitude: 33.7663
Longitude: -117.8781
Alias Name: 110033608086
Alias Type: EPA (FRS #)
Alias Name: SANTA ANA USD-NEW H.
Alias Type: Alternate Name
Alias Name: LORIN GRISET NEW ELE
Alias Type: Alternate Name
Alias Name: 404204-11
Alias Type: Project Code (Site Code)
Alias Name: 30010010
Alias Type: Envirostor ID Number
Alias Name: LORIN GRISET NEW ELE
Alias Type: Alternate Name
Alias Name: SANTA ANA UNIFIED SC
Alias Type: Alternate Name

APN: NONE SPECIFIED
APN Description: Not reported
Comments: Not reported

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 2002-09-30 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 2003-05-23 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 2003-05-21 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 2001-03-09 00:00:00

LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4 (Continued) **S105754254**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 2002-09-16 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/ Visit
Completed Date: 2001-04-10 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/ Visit
Completed Date: 2002-05-14 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Clean-up Agreement
Completed Date: 2002-01-02 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 2001-01-19 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 2002-02-08 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 2003-05-21 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Action Memorandum (if <$1M)
Completed Date: 2002-09-30 00:00:00

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Memorandum
Completed Date: 2002-06-24 00:00:00

Confirmed: 30001
Confirmed Description: Arsenic
Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Media Affected: 30001
Media Affected Desc: Not reported

Management:
Management Required: NONE SPECIFIED
Management Required Desc: Not reported
Potential: SOIL

Map ID
Direction
Distance
Elevation Site

MAP FINDINGS

Database(s) | EDR ID Number / EPA ID Number

LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4 (Continued) **S105754254**

Potenital Description: 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
PastUse: AGRICULTURAL - ROW CROPS

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ORANGE	S103669483	STORM M34	P.O. BOX 449		CA WDS
ORANGE	S103991160	THEO LACY JAIL EXPANSION	501 CITY DRIVE SOUTH	92668	HAZNET, EMI, SWEEPS UST
ORANGE	S105934385	WESTERN NATIONAL PROPERTIES	630 CITY DRIVE SOUTH 200	92668	SWEEPS UST
ORANGE	U004049575	THEO LACY JAIL EXPANSION	497 CITY DRIVE SOUTH	92668	UST
ORANGE	S106407527	ORANGE CITY DUMP #9	N OF CHAPMAN / YORBA N OF CHAPMAN HWY		SWF/LF
ORANGE	1008832062	LA VETA #2 BURN DUMP	NE OF LA VETA AND FUSTIN AVE		CERCLIS
ORANGE	S103980182	ORANGE COUNTY STORM DAMAGE	ORANGE COUNTY		HAZNET
SANTA ANA	S105166512	MEMORY LANE CLEANERS	2705 N BRISTOL ST STE G-2	92706	HAZNET, DRYCLEANERS

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.

FEDERAL RECORDS

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: 09/29/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 01/26/2009
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: 09/29/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

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: 09/29/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

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

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

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: No Update Planned

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

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 34

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 10/16/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/03/2007
Date Data Arrived at EDR: 12/06/2007
Date Made Active in Reports: 02/20/2008
Number of Days to Update: 76

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Quarterly

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: 08/19/2008
Date Data Arrived at EDR: 08/29/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/11/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Transporters, 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: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

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: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/16/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
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: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/18/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non 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). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/10/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 11/16/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/23/2008
Date Data Arrived at EDR: 07/29/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
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: 07/23/2008
Date Data Arrived at EDR: 07/29/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/30/2008
Next Scheduled EDR Contact: 09/29/2008
Data Release Frequency: Varies

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 01/23/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 54

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 10/21/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

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

Date of Government Version: 09/30/2008
Date Data Arrived at EDR: 10/16/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 34

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/16/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 05/14/2008
Date Data Arrived at EDR: 05/28/2008
Date Made Active in Reports: 08/08/2008
Number of Days to Update: 72

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Varies

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: 09/01/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 12/28/2007
Number of Days to Update: 25

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 10/31/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 08/25/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 10/16/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

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

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

Source: USGS
Telephone: 703-692-8801
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

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: 12/31/2007
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/05/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Varies

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: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 09/08/2008
Next Scheduled EDR Contact: 12/08/2008
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: 04/25/2008
Date Data Arrived at EDR: 06/12/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

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: 06/18/2008
Date Data Arrived at EDR: 07/11/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 45

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 07/13/2007
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

Date of Government Version: 03/25/2008
Date Data Arrived at EDR: 04/17/2008
Date Made Active in Reports: 05/15/2008
Number of Days to Update: 28

Source: EPA, Region 9
Telephone: 415-972-3336
Last EDR Contact: 09/22/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Varies

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: 08/07/2008
Date Data Arrived at EDR: 09/23/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 23

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49
Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 09/19/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Annually

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: 12/31/2002
Date Data Arrived at EDR: 04/14/2008
Date Made Active in Reports: 05/30/2006
Number of Days to Update: 46
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Every 4 Years

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: 07/12/2006
Date Data Arrived at EDR: 07/18/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 38
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
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: 07/12/2008
Date Data Arrived at EDR: 07/18/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 38
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

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: 12/31/2006
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 35
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
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: 07/31/2008
Date Data Arrived at EDR: 08/13/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 27
Source: Environmental Protection Agency
Telephone: 202-564-5088
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
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: 12/04/2007
Date Data Arrived at EDR: 02/07/2008
Date Made Active in Reports: 03/17/2008
Number of Days to Update: 39
Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 09/18/2008
Next Scheduled EDR Contact: 11/03/2008
Data Release Frequency: Annually

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/03/2008
Date Data Arrived at EDR: 10/15/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 35
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Quarterly

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/29/2008
Date Data Arrived at EDR: 07/31/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 25
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 10/29/2008
Next Scheduled EDR Contact: 01/26/2009
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: 07/01/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 08/25/2008
Number of Days to Update: 47

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Quarterly

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

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: 12/31/2005
Date Data Arrived at EDR: 03/06/2007
Date Made Active in Reports: 04/13/2007
Number of Days to Update: 38

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 09/12/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Biennially

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/10/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/25/2008
Next Scheduled EDR Contact: 02/09/2009
Data Release Frequency: Varies

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

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

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

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 11/24/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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: 08/25/2008
Date Data Arrived at EDR: 08/27/2008
Date Made Active in Reports: 09/03/2008
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 11/04/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: No Update Planned

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: 09/08/2008
Date Data Arrived at EDR: 09/09/2008
Date Made Active in Reports: 09/18/2008
Number of Days to Update: 9

Source: Integrated Waste Management Board
Telephone: 916-341-6320
Last EDR Contact: 09/09/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Quarterly

CA 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: 08/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Quarterly

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: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Quarterly

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). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 05/29/2001
Date Made Active in Reports: 07/26/2001
Number of Days to Update: 58

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: No Update Planned

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

Date of Government Version: 10/08/2008
Date Data Arrived at EDR: 10/08/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 49

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 10/08/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Quarterly

LUST: Geotracker's Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 11/04/2008
Date Data Arrived at EDR: 11/04/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 11/04/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/26/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

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

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 10/06/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

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

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 11/10/2008
Next Scheduled EDR Contact: 02/02/2009
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: 09/23/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

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

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/22/2008
Next Scheduled EDR Contact: 10/20/2008
Data Release Frequency: Quarterly

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: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

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

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

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

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

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

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
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: 11/04/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Varies

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

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

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

SLIC: Statewide SLIC Cases
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: 11/04/2008
Date Data Arrived at EDR: 11/04/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/04/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 11/17/2008
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: 10/06/2008
Next Scheduled EDR Contact: 01/05/2009
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: 11/10/2008
Next Scheduled EDR Contact: 02/09/2009
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
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: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
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: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Semi-Annually

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: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
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: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
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: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
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: 11/24/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Annually

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

Date of Government Version: 07/10/2008
Date Data Arrived at EDR: 07/10/2008
Date Made Active in Reports: 07/25/2008
Number of Days to Update: 15

Source: SWRCB
Telephone: 916-480-1028
Last EDR Contact: 11/04/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 10/08/2008
Date Data Arrived at EDR: 10/06/2008
Date Made Active in Reports: 10/18/2008
Number of Days to Update: 10

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 10/06/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Varies

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

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

Date of Government Version: 11/06/2008
Date Data Arrived at EDR: 11/07/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 19

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/03/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Varies

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

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

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

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

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 05/09/2008
Date Made Active in Reports: 06/20/2008
Number of Days to Update: 42

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
Registered Aboveground Storage Tanks.

Date of Government Version: 11/01/2007
Date Data Arrived at EDR: 11/27/2007
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 79

Source: State Water Resources Control Board
Telephone: 916-341-5712
Last EDR Contact: 10/27/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/30/2008
Date Data Arrived at EDR: 09/30/2008
Date Made Active in Reports: 10/13/2008
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/30/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Semi-Annually

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: 08/25/2008
Date Data Arrived at EDR: 08/27/2008
Date Made Active in Reports: 09/03/2008
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
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: 09/23/2008
Date Data Arrived at EDR: 09/24/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 5

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/23/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Annually

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 10/31/2008
Date Data Arrived at EDR: 11/03/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 23

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 11/03/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

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: 09/30/2008
Date Data Arrived at EDR: 10/06/2008
Date Made Active in Reports: 10/13/2008
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

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: 08/25/2008
Date Data Arrived at EDR: 08/27/2008
Date Made Active in Reports: 09/03/2008
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Quarterly

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.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 10/04/2007
Date Made Active in Reports: 11/07/2007
Number of Days to Update: 34

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2008
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: 12/31/2006
Date Data Arrived at EDR: 10/16/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 41

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 10/16/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Varies

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: 08/25/2008
Date Data Arrived at EDR: 08/27/2008
Date Made Active in Reports: 09/03/2008
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Quarterly

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

Date of Government Version: 09/22/2008
Date Data Arrived at EDR: 09/22/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 7

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 09/08/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Varies

TRIBAL RECORDS

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

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: 11/24/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Varies

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

Date of Government Version: 08/21/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 5

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

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

Date of Government Version: 03/17/2008
Date Data Arrived at EDR: 03/27/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 40

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/19/2008
Next Scheduled EDR Contact: 02/16/2009
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: 08/08/2008
Date Data Arrived at EDR: 10/09/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 41

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
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: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6
Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
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: 10/10/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 08/22/2008
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 18
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

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

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18
Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
A listing of underground storage tank locations on Indian Land.

Date of Government Version: 03/12/2008
Date Data Arrived at EDR: 03/14/2008
Date Made Active in Reports: 03/20/2008
Number of Days to Update: 6
Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 06/06/2008
Date Data Arrived at EDR: 10/09/2008
Date Made Active in Reports: 11/19/2008
Number of Days to Update: 41
Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/05/2008
Date Made Active in Reports: 09/23/2008
Number of Days to Update: 18
Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 06/01/2007
Date Data Arrived at EDR: 06/14/2007
Date Made Active in Reports: 07/05/2007
Number of Days to Update: 21
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 11/19/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 08/21/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 5
Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 09/05/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 27
Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
No description is available for this data

Date of Government Version: 08/22/2008
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/09/2008
Number of Days to Update: 18
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Quarterly

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: 04/02/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

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

Date of Government Version: 03/20/2008
Data Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27
Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: 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

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: 10/28/2008
Date Data Arrived at EDR: 10/30/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 08/21/2008
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 08/29/2008
Number of Days to Update: 7

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
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: 09/03/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/18/2008
Number of Days to Update: 14

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 11/24/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Semi-Annually

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 37

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 11/03/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 09/15/2008
Date Data Arrived at EDR: 09/16/2008
Date Made Active in Reports: 10/01/2008
Number of Days to Update: 15

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

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: 12/31/1998
Date Data Arrived at EDR: 07/07/1999
Date Made Active in Reports: N/A
Number of Days to Update: 0

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 07/31/2008
Date Data Arrived at EDR: 10/17/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 40

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 11/10/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 08/12/2008
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/03/2008
Number of Days to Update: 12

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 11/13/2008
Next Scheduled EDR Contact: 02/09/2009
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2008
Date Data Arrived at EDR: 03/20/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 25

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 09/08/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 02/14/2008
Date Data Arrived at EDR: 04/10/2008
Date Made Active in Reports: 05/06/2008
Number of Days to Update: 26

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 11/10/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 10/06/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 10

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 11/10/2008
Next Scheduled EDR Contact: 02/02/2009
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: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 08/26/2008
Date Data Arrived at EDR: 09/11/2008
Date Made Active in Reports: 10/01/2008
Number of Days to Update: 20

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 11/24/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 08/04/2008
Date Data Arrived at EDR: 08/29/2008
Date Made Active in Reports: 09/15/2008
Number of Days to Update: 17

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 10/27/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 07/09/2008
Date Data Arrived at EDR: 07/09/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 22

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/22/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Semi-Annually

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 09/22/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Annually

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 09/02/2008
Date Data Arrived at EDR: 09/16/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 13

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 09/04/2008
Next Scheduled EDR Contact: 12/01/2008
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 09/02/2008
Date Data Arrived at EDR: 09/17/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 12

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 09/04/2008
Next Scheduled EDR Contact: 12/01/2008
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/02/2008
Date Data Arrived at EDR: 09/25/2008
Date Made Active in Reports: 10/01/2008
Number of Days to Update: 6

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 09/04/2008
Next Scheduled EDR Contact: 12/01/2008
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 07/23/2007
Date Data Arrived at EDR: 07/23/2007
Date Made Active in Reports: 08/09/2007
Number of Days to Update: 17

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/06/2008
Date Data Arrived at EDR: 11/17/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 9

Source: Department of Public Health
Telephone: 951-358-5055
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/02/2008
Date Data Arrived at EDR: 07/29/2008
Date Made Active in Reports: 08/29/2008
Number of Days to Update: 31

Source: Health Services Agency
Telephone: 951-358-5055
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Contaminated Sites
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 08/08/2008
Date Data Arrived at EDR: 08/08/2008
Date Made Active in Reports: 09/03/2008
Number of Days to Update: 26

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

ML - Regulatory Compliance Master List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 09/08/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 28

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/29/2008
Next Scheduled EDR Contact: 01/26/2009
Data Release Frequency: Quarterly

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: 10/01/2008
Date Data Arrived at EDR: 10/06/2008
Date Made Active in Reports: 10/13/2008
Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
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: 07/18/2008
Date Data Arrived at EDR: 10/29/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 28

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 10/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/2007
Date Data Arrived at EDR: 02/05/2008
Date Made Active in Reports: 02/14/2008
Number of Days to Update: 9

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 12/02/2008
Next Scheduled EDR Contact: 11/17/2008
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: 08/07/2008
Date Data Arrived at EDR: 10/31/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 26

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 09/30/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Quarterly

Underground Storage Tank Information
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: 10/01/2008
Number of Days to Update: 12

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
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: 08/26/2008
Date Data Arrived at EDR: 08/27/2008
Date Made Active in Reports: 09/15/2008
Number of Days to Update: 19

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 10/14/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 11/19/2008
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 7

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 10/06/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 10/06/2008
Date Data Arrived at EDR: 10/07/2008
Date Made Active in Reports: 10/13/2008
Number of Days to Update: 6
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 10/06/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

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: 09/22/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: No Update Planned

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 09/24/2008
Date Data Arrived at EDR: 09/25/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 4
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 09/22/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Varies

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 09/02/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/18/2008
Number of Days to Update: 14
Source: City of San Jose Fire Department
Telephone: 408-277-4659
Last EDR Contact: 12/01/2008
Next Scheduled EDR Contact: 03/02/2009
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 09/22/2008
Date Data Arrived at EDR: 10/06/2008
Date Made Active in Reports: 10/13/2008
Number of Days to Update: 7
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/22/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/22/2008
Date Data Arrived at EDR: 07/03/2008
Date Made Active in Reports: 07/25/2008
Number of Days to Update: 22
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/22/2008
Next Scheduled EDR Contact: 12/22/2008
Data Release Frequency: Quarterly

SONOMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/20/2008
Date Data Arrived at EDR: 10/20/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 37
Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 10/20/2008
Next Scheduled EDR Contact: 01/19/2009
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 05/04/2007
Date Data Arrived at EDR: 05/04/2007
Date Made Active in Reports: 05/24/2007
Number of Days to Update: 20
Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/29/2008
Next Scheduled EDR Contact: 12/29/2008
Data Release Frequency: Semi-Annually

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: 08/27/2008
Date Data Arrived at EDR: 10/14/2008
Date Made Active in Reports: 11/26/2008
Number of Days to Update: 43
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/10/2008
Next Scheduled EDR Contact: 12/08/2008
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: 08/01/2008
Date Data Arrived at EDR: 09/04/2008
Date Made Active in Reports: 09/18/2008
Number of Days to Update: 14
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/17/2008
Next Scheduled EDR Contact: 02/16/2009
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: 09/09/2008
Next Scheduled EDR Contact: 09/08/2008
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 10/01/2008
Date Data Arrived at EDR: 10/08/2008
Date Made Active in Reports: 10/16/2008
Number of Days to Update: 8
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/08/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 08/11/2008
Date Data Arrived at EDR: 08/29/2008
Date Made Active in Reports: 09/15/2008
Number of Days to Update: 17

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 11/10/2008
Next Scheduled EDR Contact: 01/12/2009
Data Release Frequency: Annually

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: 12/31/2005
Date Data Arrived at EDR: 06/15/2007
Date Made Active in Reports: 08/20/2007
Number of Days to Update: 66

Source: Department of Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 09/12/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information

Date of Government Version: 09/30/2007
Date Data Arrived at EDR: 12/04/2007
Date Made Active in Reports: 12/31/2007
Number of Days to Update: 27

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 11/07/2008
Next Scheduled EDR Contact: 02/02/2009
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 07/23/2008
Date Data Arrived at EDR: 08/28/2008
Date Made Active in Reports: 09/11/2008
Number of Days to Update: 14

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/26/2008
Next Scheduled EDR Contact: 02/23/2009
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 09/11/2008
Date Made Active in Reports: 10/02/2008
Number of Days to Update: 21

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 09/08/2008
Next Scheduled EDR Contact: 12/08/2008
Data Release Frequency: Annually

RI MANIFEST: Manifest Information
Hazardous waste manifest information

Date of Government Version: 10/07/2008
Date Data Arrived at EDR: 10/10/2008
Date Made Active in Reports: 10/28/2008
Number of Days to Update: 18

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 09/15/2008
Next Scheduled EDR Contact: 12/15/2008
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2007
Date Data Arrived at EDR: 08/22/2008
Date Made Active in Reports: 09/08/2008
Number of Days to Update: 17

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 10/06/2008
Next Scheduled EDR Contact: 01/05/2009
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
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.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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ATTACHMENT 3

Property Easement Deed

DRAFT

Recording requested by and
when recorded, return to:
OC Public Works
Right of Way Engineering
P.O. Box 4048
Santa Ana, CA 92702-4048

Recording Fee Exempt
Per Govt. Code 27383

Facility: Manchester Complex
Facility No.: GA1118
Parcel No.: 150
A.P. No.: 231-091-01
Location: City of Orange

EASEMENT DEED

For valuable consideration, receipt of which is hereby acknowledged,

COUNTY OF ORANGE
hereinafter referred to as "GRANTOR",

does hereby Grant to the

ORANGE COUNTY FLOOD CONTROL DISTRICT,
a body corporate and politic,
hereinafter referred to as "DISTRICT",

an easement for storm drain purposes, in, on, under and over the real property in the County of Orange, State of California, described as:

See EXHIBIT A,
attached and by reference made a part.

Nothing in this deed is intended nor shall anything in this deed be construed to transfer to DISTRICT or its successors or assigns or to relieve GRANTOR or its successors or assigns or predecessors in title of any responsibility or liability GRANTOR or its successors or assigns or predecessors in title now has, has had or comes to have with respect to human health or the environment, including but not limited to responsibility or liability relating to hazardous or toxic substances or materials (as such terms as those used in this sentence are defined by statute, ordinance, case law, governmental regulation or other provision of the law). Furthermore, DISTRICT may exercise its right under law to bring action, if necessary, to recover clean up costs and penalties paid, if any, from GRANTOR or any others who are ultimately determined by a court of competent jurisdiction and/or a federal, state or local regulatory or administrative governmental agency or body having jurisdiction, to have responsibility for said hazardous or toxic substances or materials upon, within, or under the real property interests transferred pursuant to this deed. Notwithstanding the foregoing, DISTRICT shall be and remain liable for any hazardous or toxic substances or materials which become located, because of DISTRICT's operations, upon, within, or under the real property interests transferred pursuant to this deed.

DRAFT

COUNTY OF ORANGE

Dated: _____

By: _____
Bryan G. Speegle,
Director, OC Public Works
Pursuant to Section 1-4-225 of the Codified
Ordinances of the County of Orange

APPROVED AS TO FORM
County Counsel

By: _____
Deputy

Date: _____

State of California)
County of _____)

On _____ before me, _____
(here insert name and title of the officer)

personally appeared _____,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

DRAFT

CERTIFICATE OF ACCEPTANCE

This is to certify that the interest in real property conveyed by the within deed or grant to the ORANGE COUNTY FLOOD CONTROL DISTRICT, a body corporate and politic, is hereby accepted by order of the Board of Supervisors of the County of Orange, California, acting as the governing board of the ORANGE COUNTY FLOOD CONTROL DISTRICT, pursuant to authority conferred by minute order dated June 21, 2005 of the said Board of Supervisors, and the ORANGE COUNTY FLOOD CONTROL DISTRICT consents to recordation thereof by its duly authorized officer.

ORANGE COUNTY FLOOD CONTROL DISTRICT,
a body corporate and politic

Dated: _____

By: _____
Bryan G. Speegle,
Director, OC Public Works
Pursuant to Minute Order Dated June 21, 2005

APPROVED AS TO FORM
County Counsel

By: _____
Deputy

Date: _____

DRAFT

EXHIBIT "A"

LEGAL DESCRIPTION

Storm Drain in Manchester Complex
Facility No.: GA1118-150

A strip of land, 20.00 feet wide, in that portion of Lot 28 of the Potts, Borden and Sidwell Tract, in the City of Orange, County of Orange, State of California, as shown on the map recorded in book 4, page 624 of Miscellaneous Records, records of Los Angeles County, California, lying 10.00 feet on each side of the following described centerline:

Commencing at the centerline intersection of Metropolitan Drive and The City Drive (formerly Manchester Avenue) as shown on Record of Survey 2003-1006 filed in book 199, pages 1 through 16 of Records of Survey in the office of the County Recorder of said Orange County; thence S.00°41'08"W., 490.64 feet along said centerline of The City Drive to the beginning of a curve, concave westerly and having a radius of 2000.00 feet; thence Southerly 68.76 feet along said curve and said centerline through a central angle of 1°58'12"; thence radial to and leaving said centerline S87°20'40"E., 37.59 feet to the beginning of a non-tangent curve, concave northeasterly and having a radius of 59.06 feet, a radial line of said curve to said point bears N.87°20'40"W.; thence Southeasterly 36.56 feet along said curve through a central angle of 35°28'16" hereinafter refered to as curve 1, to an easterly line of Parcel 1, described as a curve, concave northwesterly, having a radius of 2050 feet, a central angle of 3°08'36" and a length of 112.47 feet in the deed to the State of California recorded in book 6311, page 631 of Official Records in the office of said County Recorder and the TRUE POINT OF BEGINNING; thence continuing Southeasterly 55.20 feet along said curve 1 through a central angle of 53°32'48"; thence S.88°19'48"E., 486.18 feet to the beginning of a curve, concave southerly and having a radius of 65.62 feet; thence Easterly 11.93 feet along said curve through a central angle of 10°25'15"; thence S.77°54'30"E., 21.04 feet to the southeasterly line of the land described in the deed to the County of Orange, recorded April 3, 2003 as Document No. 2003000369248 of said Official Records.

The sidelines of said strip shall be continued or shortened westerly to terminate on said easterly line, and its northerly continuation, of said Parcel 1, and prolonged or shortened easterly to terminate on said southeasterly line of the land described in said last mentioned deed.

EXCEPT that portion lying within the land described as Parcel 102321-1 in the quitclaim deed to the County of Orange recorded November 30, 2004 as Document No. 2004001062819 of said Official Records.

ALSO EXCEPT that portion lying within the land described in the deed to the State of California recorded November 27, 1961 in book 5923, page 1 of said Official Records.

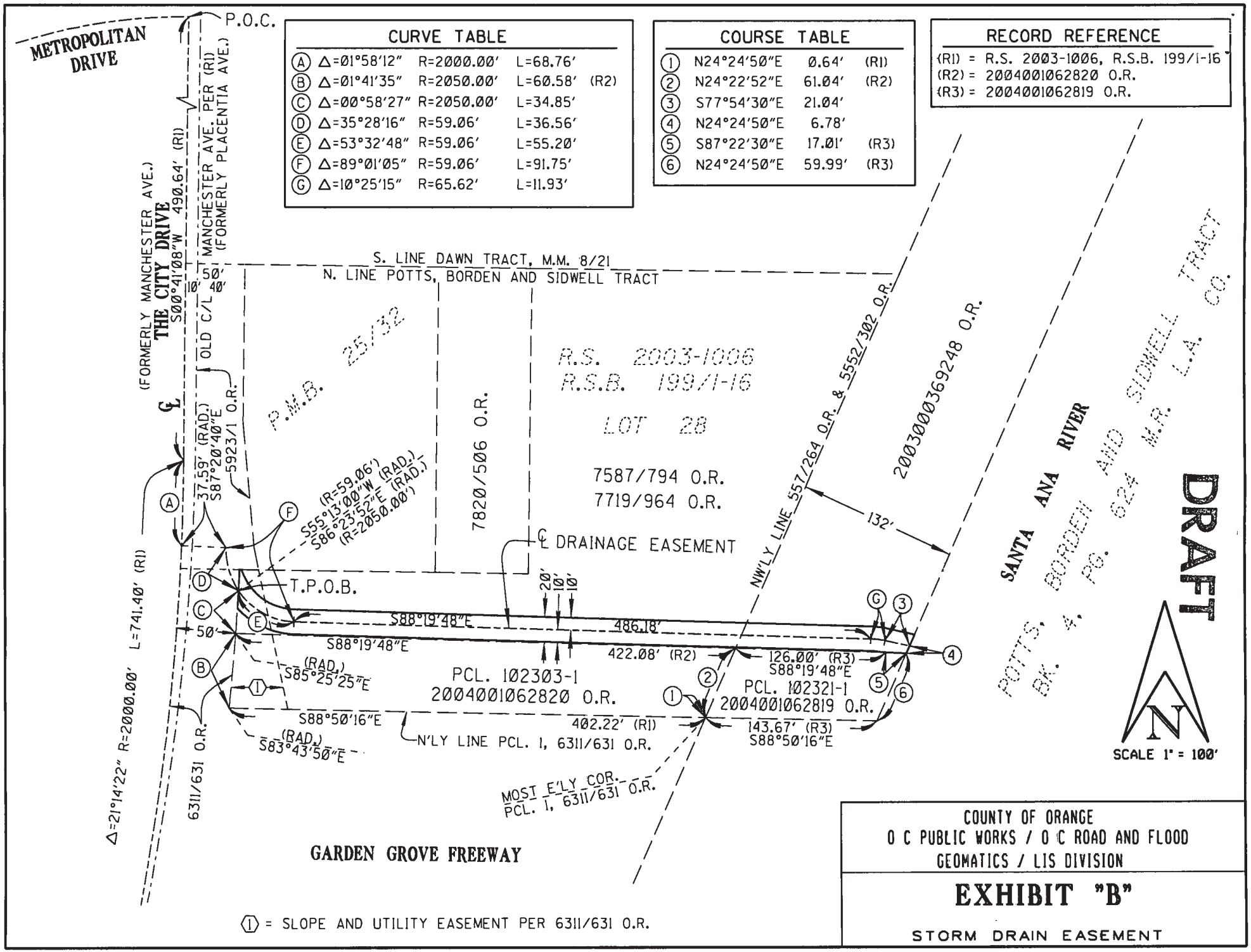
Containing 0.263 Acres, more or less.

See EXHIBIT B attached and by reference made a part.

APPROVED

_____ Date: _____

John D. Pavlik L.S. 5168
Expiration Date: June 30, 2009


METROPOLITAN DRIVE
P.O.C.
CURVE TABLE
Ⓐ Δ=01°58'12" R=2000.00' L=68.76'
Ⓑ Δ=01°41'35" R=2050.00' L=60.58' (R2)
Ⓒ Δ=00°58'27" R=2050.00' L=34.85'
Ⓓ Δ=35°28'16" R=59.06' L=36.56'
Ⓔ Δ=53°32'48" R=59.06' L=55.20'
Ⓕ Δ=89°01'05" R=59.06' L=91.75'
Ⓖ Δ=10°25'15" R=65.62' L=11.93'
COURSE TABLE
① N24°24'50"E 0.64' (RI)
② N24°22'52"E 61.04' (R2)
③ S77°54'30"E 21.04'
④ N24°24'50"E 6.78'
⑤ S87°22'30"E 17.01' (R3)
⑥ N24°24'50"E 59.99' (R3)
RECORD REFERENCE
(RI) = R.S. 2003-1006, R.S.B. 199/1-16
(R2) = 2004001062820 O.R.
(R3) = 2004001062819 O.R.
(FORMERLY MANCHESTER AVE.)
THE CITY DRIVE
S00°41'08"W 490.64' (RI)
MANCHESTER AVE. PER (RI)
(FORMERLY PLACENTIA AVE.)
10' 50' 40'
OLD C/L
37.59' (RAD.) S87°20'40"E 5923/1 O.R.
S. LINE DAWN TRACT, M.M. 8/21
N. LINE POTTS, BORDEN AND SIDWELL TRACT
P.M.B. 25/32
7820/506 O.R.
R.S. 2003-1006
R.S.B. 199/1-16
LOT 28
7587/794 O.R.
7719/964 O.R.
NW'LY LINE 557/264 O.R. & 5552/302 O.R.
20030036924B O.R.
132'
SANTA ANA RIVER
POTTS, BORDEN AND SIDWELL TRACT
BK. 4, PG. 624 M.R. L.A. CO.
℄ DRAINAGE EASEMENT
(R=59.06') S55°13'00"W (RAD.)
S86°23'52"E (RAD.)
(R=2050.00')
T.P.O.B.
20' 10' 10'
S88°19'48"E 486.18'
S88°19'48"E 422.08' (R2)
126.00' (R3) S88°19'48"E
50'
(RAD.) S85°25'25"E
PCL. 102303-1
2004001062820 O.R.
PCL. 102321-1
2004001062819 O.R.
S88°50'16"E 402.22' (RI)
143.67' (R3) S88°50'16"E
(RAD.) S83°43'50"E
N'LY LINE PCL. 1, 6311/631 O.R.
MOST E'LY COR. PCL. 1, 6311/631 O.R.
6311/631 O.R.
Δ=21°14'22" R=2000.00' L=741.40' (RI)
GARDEN GROVE FREEWAY
DRAFT
SCALE 1" = 100'
Ⓘ = SLOPE AND UTILITY EASEMENT PER 6311/631 O.R.
COUNTY OF ORANGE
O C PUBLIC WORKS / O C ROAD AND FLOOD
GEOMATICS / LIS DIVISION
EXHIBIT "B"
STORM DRAIN EASEMENT

ORANGE COUNTY
OC Public Works
Our Community. Our Commitment.

Bryan Speegle, Director
300 N. Flower Street
Santa Ana, CA

P.O. Box 4048
Santa Ana, CA 92702-4048

Telephone: (714) 834-2300
Fax: (714) 834-5188

memo

DATE: November 6, 2008 ROWE I.D. No. 2005-060

TO: Chris Crompton Environmental Science Manager

FROM: John D. Pavlik Right of Way Engineering Manager

SUBJECT: HAZARDOUS MATERIALS ASSESSMENT (HMA) REQUEST

Your Section is authorized to begin work on the project described:

Project Name: Manchester Complex - Storm Drain Easement to OCFCD

Location: Intersection of The City Drive and the 22 Fwy.

City: City of Orange Zip Code: 92866

ROWE I.D. NO. 2005-060 Tract Map No.: Potts, Borden & Sidewell Parcel No.: GA1118-150

No. of Parcels: 1 File:

Thomas Bros. Map Page, and Grid location: 799-C5

Type of assessment required:

☒ Perform HMA ☐ Review HMA ☐ Update HMA
☐ Review Disclosure Statement ☐ Waiver

Reason for Property Acquisition: (Storm Drain Easement to OCFCD)

☐ Fee Acquisition ☒ Easement:
☐ Ground Lease ☐ Other:

Comments: County is conveying an easement for storm drain purposes to OCFCD. ER performed an HMA for a former 2 story office building off of The City Drive and adjoining Animal Care Facility. An addendum to that HMA might be a possibility to complete this request. James Fortuna conducted this prior HMA.

Typical HMA turn-around is sixty days, if a rush is required, specify date and reason:

Job Code: EF03640 Fund/Agency: 400 Due date: 1/5/09

Function: Org.: 5500

Contact Person: Jimmy Villalobos E-mail address: jimmy.villalobos@rdmd.ocgov.com

Phone: 714-834-6177 FAX: 714-834-5791

Please include ROWE I.D.NO. 2005-060 in your report.

Attachments: ☒ Location Map ☐ Right of Way Map ☒ Thomas Bros. Map
☐ Disclosure Statement ☐ User Specific Questionnaire
☒ Other: Aerial Map, Draft Deed w/legal description

Authorized:

John D. Pavlik

John D. Pavlik

EDR® Environmental Data Resources Inc

Logged In: County of Orange/RDMD
EDR Acct. Exec.: David Colonna
ACCT#: 1015673
Call EDR: (800) 9159223

Enter Property > Confirm Location > Service Options > Order Summary > **Order Confirmation**

Order Confirmation

Thank You

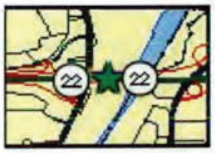
Thank you for your order. Your report(s) will be produced according to your requested service options.

Your Order Status
Begin New Order

Target Property #1

Property Information

Manchester Complex Storm Drain Easement
22 Freeway/The City Drive, Orange, CA 92868
County: Orange
Latitude: 33.779129, Longitude: -117.887894
Project: N1000010031
PO#: EF03640
Comments: Storm Drain Easement that is located on the north side of the 22 Freeway, east of The City Drive, and west of the Santa Ana River.
Search Distances: Standard



Service Options

Report	Delivery	Turn Around Time	Shipping
EDR Radius Map Report	Email (no charge)	Normal Turnaround Time	

Additional Information

Delivery Information

Contact: James Fortuna
Company: County of Orange/RDMD
Address: 1750 S. Douglass Road.
Email: james.fortuna@rdmd.ocgov.com

Bryan Speegle, Director

COUNTY OF ORANGE

RESOURCES & DEVELOPMENT MANAGEMENT DEPARTMENT

Environmental Resources
1750 S. Douglass Road
Anaheim, CA 92806

Telephone: (714) 567-6363
Fax: (714) 567-6220

DATE: June 7, 2005

TO: John D. Pavlik, Chief, Right of Way Engineering

FROM: George Edwards, Acting Chief of Environmental Science, WCRD/ER

SUBJECT: **Hazardous Materials Assessment for the Manchester Complex Addition located at 595 The City Drive, City of Orange, CA (ROWE I.D. No. 2005-030)**

Attached is the Hazardous Materials Assessment (HMA) for the subject property. The property consists of a two-story commercial/retail office building along the City Drive just north of the 22 Freeway (adjacent to the County's Animal Shelter). The scope of work completed for this HMA included the following tasks: 1) a historical investigation that included reviewing aerial photographs and topographic maps, 2) a review of previous HMA files for the adjoining property at 591 The City Drive, 3) a regulatory agency database review, 4) interviews with the property manager, 5) a property inspection, and 6) a reconnaissance of the area surrounding the property.

The reviews of historical USGS topographic maps, aerial photographs, city directories, Sanborn Maps, and previous HMA files did not reveal any potential recognized environmental conditions (RECs) for the subject property.

The property inspection and area reconnaissance within a ¼-mile radius of the property revealed no issues of potential environmental concern for the property.

The regulatory database review contained 12 listings within the one mile search radius. Further investigation of these listings determined that they have a low potential for negatively impacting the property.

No tests were conducted on the property for asbestos or lead-based paint. However, based on the historical document review, the building was constructed after 1978, which is the last year that these materials were commonly used in building materials.

No tests were conducted on the property with regard to the presence of radon. However, based on the information available for Orange County from the State Radon Survey, radon gas is not considered an environmental concern at the property.

The property and surrounding areas have historically been associated with farming activities, and historical pesticide applications may have been conducted in the region. However, the historical use of agricultural pesticides is considered a *de minimis* condition under Section 1.1.1 of the Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E 1527-00) and does not constitute a REC. Therefore, this finding is considered to have a low potential for negatively impacting the property.

An interview was conducted with the site's property manager because a transfer disclosure statement (TDS) was unavailable for the project. The interview with the Manchester Complex's property manager did not identify any additional environmental concerns.

The HMA investigation found no evidence of environmental degradation to the property as a result of hazardous materials contamination. Environmental Resources (ER) recommends that acquisition of the property proceed.

This HMA will be valid for a period of 18 months, through December, 2006.

Questions regarding this HMA should be directed to James Fortuna at (714) 567-6307.

George Edwards

JF: HMA: TG799-C5

Attachments: HMA Report

COUNTY OF ORANGE

HAZARDOUS MATERIALS ASSESSMENT

FOR THE

MANCHESTER COMPLEX ADDITION

LOCATED AT

595 THE CITY DRIVE, CITY OF ORANGE

JUNE 7, 2005

Prepared By:

Resources & Development Management Department

Watershed & Coastal Resources Division

Environmental Resources Section

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HAZARDOUS MATERIALS ASSESSMENT
FOR THE
MANCHESTER COMPLEX ADDITION
LOCATED AT
595 THE CITY DRIVE, CITY OF ORANGE

1.0 INTRODUCTION

This report presents the results of the Hazardous Materials Assessment (HMA), which is also known as a Preliminary Site Assessment or Phase I Environmental Site Assessment, prior to the acquisition of the Manchester Complex Addition (ROWE I.D. No. 2005-030). This two-story office/retail complex, herein referred to as the property, is located at 595 The City Drive, in the City of Orange, CA. The property is surrounded on three sides by County property including the County's animal shelter facility to the east and south and the Sheriff's parking lot to the north.

The objective of this assessment is to provide information regarding the environmental conditions and potential environmental liabilities associated with the property. The methods used in conducting this assessment are consistent with professional practices for appropriate inquiry in conducting HMAs. Personnel from the Resources and Development Management Department/Watershed and Coastal Resources Division/Environmental Resources Section (ER) conducted the HMA.

2.0 SCOPE OF WORK

This HMA was authorized by John D. Pavlik, Chief of Right of Way Engineering (ROWE) in a memorandum to George Edwards, dated May 2, 2005.

Standard Practice for Environmental Site Assessment: Phase 1 Environmental Site Assessment Process ASTM E 1527-00 was used as a general guide for terminology and procedures in performing the HMA. The goal of the HMA is to identify any recognized environmental conditions (RECs) which indicate the presence or likely presence of any hazardous substances or petroleum products from a release, a past release, or material threat of a release into structures on the property or into the ground, groundwater, or surface water of the property.

The HMA process is not intended to include *de minimis* conditions that generally do not present a material risk to harm public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate government agencies.

To assess the potential environmental condition and hazards associated with the subject properties, ER performed the following activities:

- Review of available historical aerial photographs.
- Review of historical topographic maps to ascertain historical land use information.
- Review of available city directories and Sanborn fire insurance maps.
- Review of a regulatory agency database report containing sites within a one-mile search radius that are either known to be contaminated or registered as using hazardous materials/waste. This report is evaluated to assess potential environmental impacts from these sites on the subject property.
- Reconnaissance of the property and vicinity to evaluate land use, environmental conditions, and potential environmental degradation which may negatively impact the property.
- Evaluate the findings and prepare the HMA report.

3.0 PROPERTY DESCRIPTION

The property is comprised of a two-story office building along the City Drive just north of the 22 Freeway. The office building contains a retail paintball store on the first level. The second floor contains offices for several businesses. Outside of the building, the property contains a parking area, an advertising/display sign in the front of the building, and a Sprint cell phone tower.

Property location maps are presented in Appendix A.

3.1 Topography

Regionally, surface topography in the vicinity of the property gradually slopes southwest toward the ocean. Locally, the property is within a relatively flat portion of the City of Orange just west of the Santa Ana River. The elevation for the property is estimated at 126 feet above mean sea level (MSL).

Topographic maps of the property locations are available in Appendix B.

3.2 Environmental Setting

The property is situated within an area of commercial and government development. The Block of Orange shopping center is located to the west of the property. County of Orange facilities are located to the north and east of the property including the Theo Lacy prison, Sheriff's parking lot, and the animal shelter. The Santa Ana River is located

approximately 700 feet east of the County's animal shelter property. The 22 Freeway and several commercial office buildings are located to the south of the property.

Photographs of the property are presented in Appendix C.

3.3 Hydrogeology

Site specific hydrogeologic data is available for the adjoining County property (see Manchester Unocal Acquisition HMA, ER, August 21, 1998) to the north of the subject property. This HMA, and its update dated May 2, 2000, were conducted as part of the acquisition of the "Sheriff's Parking Lot" site that adjoins the Manchester Complex to the north of the property. This property underwent remediation for a former leaking underground storage tank case. Groundwater monitoring associated with this site revealed a local gradient to the west-northwest. The groundwater elevation was calculated at approximately 85 feet MSL, which translates to approximately 40 feet below ground surface (bgs).

The climate of Orange County is classified as Mediterranean: generally dry in the summer with mild, wet winters. The average annual rainfall in the region is about fourteen inches, most of it occurring between November and March. Much of the area would be near desert were it not for the influence of modern civilization. In developed areas, watering of lawns at the rate of 0.25 inches per day results in an equivalent rainfall of up to 91 inches per year.

4.0 PROPERTY HISTORY

The history of the property was developed from a review of United States Geological Survey (USGS) quadrangles and aerial photographs compiled by Environmental Data Resources Inc. (EDR). In addition, historical city directories and Sanborn fire insurance maps were researched to supplement the document review. Property history was evaluated to provide insight into past land use practices and to obtain information regarding the environmental condition of the property. Land use history for the property is derived from USGS maps and aerial photographs and covers a 107-year period running from 1898 to the present.

4.1 USGS Topographic Quadrangles

The USGS has been creating and revising topographic maps for the United States for more than a century. Available historical USGS quadrangles that were reviewed for this HMA are from the following years: 1898, 1902, 1935, 1950, 1965, 1972, and 1981.

Copies of the topographic maps are available in Appendix B.

4.1.1 1898 Anaheim USGS 15-Minute Topographic Quadrangle

In the 1898 USGS quadrangle (Scale 1:62,500), the subject property appears vacant and undeveloped just west of the Santa Ana River. A series of roadways are visible in a grid in the surrounding areas. The downtown portions of Anaheim, Orange, and Santa Ana are visible in the region to the north, east, and southeast, respectively. A section of the Southern Pacific Railroad (SPRR) is mapped trending northwest-southeast approximately one mile to the northeast from the property.

4.1.2 1902 Corona USGS 30-Minute Topographic Quadrangle

No major changes are noted in the 1902 topographic map (Scale 1:125,000) when compared to the 1898 map.

4.1.3 1935 Garden Grove-Anaheim USGS 7.5-Minute Topographic Quadrangles

The subject property remains undeveloped in the 1935 quadrangle (Scale 1:31,680). A north-south trending roadway has been constructed just west of the property similar to the current orientation of The City Drive. The County Farm and Hospital facility has been constructed approximately ½ mile up this road to the north. There has been additional construction of small buildings and roadways approximately ¼ mile to the northwest and ¼ mile to the southwest. US Highway 101 has been mapped paralleling the SPRR to the northeast.

4.1.4 1950 Anaheim USGS 7.5-Minute Topographic Quadrangle

The 1950 quadrangle (Scales 1:24,000) shows some changes around the subject property. Two depressed areas have been mapped just south of the property associated with a historical City of Orange landfill (see ER HMA dated 8/21/98 for the Manchester Unocal Acquisition). A building and a west-east trending roadway have also been constructed across the street from the property. This roadway connects with another new roadway that has been constructed between Chapman Avenue and Garden Grove Boulevard.

4.1.5 1965 Anaheim USGS 7.5-Minute Topographic Quadrangles

The 1965 topographic map (Scale 1:24,000) shows major changes in the vicinity of the property. The subject property remains undeveloped along the newly completed Manchester Avenue (currently The City Drive). The County development adjoining the property to the north has expanded from the farm/hospital site first mapped in 1935. The County development now includes a larger hospital, the Juvenile Court, Greeley School, Lacy Security Facility, and two Radio Towers. The County site immediately north of the property contains three buildings and an oval shaped outdoor track. The 22 Freeway and Interstate 5 Freeways have been constructed in their current orientation to the south and northeast, respectively. An orchard area is mapped approximately ½ mile west northwest

of the property. Regional commercial and residential developments have been built to the south of the 22 Freeway.

4.1.6 1972 Anaheim USGS 7.5-Minute Topographic Quadrangle

In the 1972 topographic map (Scale 1:24,000), the property remains undeveloped. However, there are some additional developments to the northwest, northeast, and southwest. The Bridgestone/Firestone automotive repair facility has been constructed across Manchester Avenue from the subject property. This auto maintenance center is part of the City Mall retail development to the northwest of the property. Manchester Avenue has been re-routed slightly to the west as part of the mall development. To the northeast, several circular towers were constructed across the Santa Ana River as part of the Lacy Security Facility's Probation Department. An office complex has also been developed to the southwest on the other side of the 22 Freeway. With these new developments, orchard/orange grove areas are no longer located in the vicinity of the property.

4.1.7 1981 Anaheim USGS 7.5-Minute Topographic Quadrangles

The 1981 topographic map (Scale 1:24,000) shows the completion of a new building just north of the subject property. This building appears to be the former Union Oil Company of Califonia (Unocal) gasoline service station (currently the County of Orange/Sheriff's Office parking lot) that historically adjoined the property to the north. The 1981 map shows some changes to the former City Mall (now currently the Block of Orange) and some additional commercial development to the southwest of the property across the freeway.

4.2 Aerial Photographs

Historical aerial photographs were obtained from EDR's Aerial Photography Print Service. The photographs reviewed cover the years of 1938, 1947, 1953, 1968, 1977, 1990, 1995, and 2002.

Aerial photographs are presented in Appendix D.

4.2.1 1938 Laval Aerial Photograph

In the 1938 photograph (Scale 1" = 555'), the subject property is undeveloped, vacant land along the western bank of the Santa Ana River. Orange groves/orchards are located immediately west of the property (across the road) and throughout the region. The County hospital/farm facility is visible approximately ½ mile north of the property. The SPRR can be seen along the northeast side of the photograph.

4.2.2 1947 Fairchild Aerial Photograph

The 1947 aerial photograph (Scale 1" = 666') shows some changes around the subject property. Some farm structures have been constructed in the area. The orchard just west of the property has also been removed. To the east, the Santa Ana River has been channeled into its current orientation.

4.2.3 1953 Pacific Air Aerial Photograph

The subject property and surrounding areas in the 1953 photograph (Scale 1" = 555') show some additional limited development since the 1947 aerial photograph. The structures around the subject property are more visible and appear to be associated with a farm. The Manchester Avenue roadway has been fully constructed between Chapman Avenue and Garden Grove Boulevard. Orange groves/orchards are still visible throughout the region.

4.2.4 1968 Teledyne Aerial Photograph

The 1968 aerial photograph (Scale 1" = 480') shows the transition of the region from agricultural property into residential and commercial developments. The subject property remains undeveloped, but there is new construction on all sides of the property. The former Unocal gasoline station is visible on the adjoining property to the north. Parking lots are located immediately south and east of the property. Manchester Avenue has been paved and expanded along the western border of the property. The 22 Freeway and Manchester Drive on/off-ramps have been constructed near their current orientations. Other developments observed include the County's Theo Lacy Prison site to the north, the grading of the future mall property to the northwest, and housing tracts along Garden Grove Boulevard to the south.

4.2.5 1977 Teledyne Aerial Photograph

The subject property in the 1977 aerial photograph (Scale 1" = 666') remains undeveloped, however, regional develop continues in the area. The City Mall office and retail facility has been constructed to the northwest. The Bridgestone/Firestone automotive repair facility has been constructed across the street to the west, and the Orange County Animal Shelter has been completed just northeast of the property. Manchester Avenue (currently The City Drive) has been re-routed to the west in its current orientation. Commercial development has begun just south of the 22 Freeway along Manchester Avenue.

4.2.6 1990 USGS Aerial Photograph

The 1990 aerial photograph (Scale 1" = 666') shows the construction of the current two-story office building on the subject property. Additional commercial office complexes have been constructed to the south of the 22 Freeway in their current orientations.

4.2.7 1995 USGS Aerial Photograph

The subject property and surrounding areas depicted in the 1995 aerial photograph (Scale 1" = 666') are very similar to the 1990 photograph. The only major difference noted was the apparent removal of the Unocal Service Station, which had adjoined the property to the north.

4.2.8 2002 USGS Aerial Photograph

The 2002 aerial photograph (Scale 1" = 666') shows the subject property, surrounding parcels, and city streets in their current locations/orientations.

4.3 City Directories

A city directory search was conducted for the subject property and surrounding areas. The first address for the subject property is "Real Estate Illustrated" in 1980. This is likely related to either the first owner or business associated with the property. Other listings noted for the property include Autoland Inc. and Innovative Ideas in Print in 1991. These are discussed further in Section 5.2.

Historical addresses for surrounding areas were also evaluated. The former Union Service Station at 591 The City Drive that adjoined the property to the north has multiple city directory listings. The majority of other businesses listed appear to be associated with retail shopping at the former mall along The City Drive.

Associated documentation is included in Appendix E.

4.4 Sanborn Maps

EDR conducted a search for Sanborn fire insurance maps for the subject property. No map coverage was available for the subject property. Associated documentation is included in Appendix E.

5.0 INVESTIGATION ACTIVITIES

Investigative activities included a review of regulatory agency records for the study area, a visit to the property, and a reconnaissance of the area surrounding the property.

5.1 Review of Regulatory Agency Database Report

An EDR report containing regulatory agency database listings was reviewed as part of the HMA investigation. The EDR report catalogs known sites containing environmental concerns around the project study area and is included as Appendix E.

The EDR report searches regulatory agency databases for sites within an ASTM-designated search radius around the target property (generally within approximately one

mile). This search covers federal, state and local regulatory registers of contaminated sites, Superfund sites, leaking underground storage tanks (LUSTs), landfills, military reservations, contaminated surface and subsurface waters, hazardous waste generators and other databases of potential environmental concerns.

The EDR database search does not involve an exhaustive review of all available government records. Additionally, these database listings are subject to inaccuracies and incompleteness. The listing of a site does not necessarily indicate that an environmental concern exists. Generally, the regulatory status of the facility will be indicated with each listing.

Evaluating the potential impact(s) a listed site may have on the subject property involves classifying the listing into one of two categories: *low potential for impacting the property* or *potential for impacting the property*. The following criteria are used for site categorization:

- *Low potential to impact the property:*

  A site that is identified as having an insignificant potential for impacting the property is not studied further. This includes sites that are too distant to have an environmental impact (greater than ¼-mile from the property); sites that have been remediated to the satisfaction of the lead regulatory agency; sites listed as requiring no further action; and sites only listed as a hazardous waste generator.

- *Potential for impacting the property:*

  Sites categorized as having a potential for impacting the property are evaluated further by reviewing available regulatory agency records and contacting regulatory agency personnel. These included sites that are listed on the National Priority List (NPL), are violators on the RCRA treatment/storage/disposal facilities database, and/or do not meet the previous definition.

The EDR report identified 12 sites (consolidating repetitions) within the ASTM-designated search radius around the property. Of these 12 sites, 6 of these are located greater than ¼ mile from the property across the Santa Ana River and have a low potential for impacting the property. The remaining 6 sites were determined to be within ¼ mile of the subject property. These six sites were evaluated further with the results summarized below:

Database Listing	Address	Relevant EDR Listing	Case Status/Details	Further Investigation Required? (Yes/No)
City Shopping Center / Former Bridgestone Firestone Station (BFS) Store	3400 Metropolitan Dr. (located across the street from the property)	Cortese, LUST, Historical UST	Release with groundwater affected. Case closed 9/27/02.*	No

GSA Service Station #2	485 The City Drive South	Cortese, LUST, Historical UST	Soil only release. Excavation and disposal conducted. Case closed 12/16/92.	No
Unocal #5618	591 The City Drive (adjoining site to the north of the subject property)	Cortese, LUST	Release with drinking water affected. Excavation, disposal, and vapor extraction conducted. Case closed 4/25/03. County of Orange purchased this property in 2000.*	No
Nexus City Square	770 The City Drive South	Cortese, LUST	Diesel release affecting soil only. Case closed 10/17/91.	No
Park City Center	630 The City Drive	LUST, Historical UST	Gasoline release affecting soil only. Case closed 4/24/98.	No
The City Mall	1 City Boulevard	RCRA - Small Quantity Generator	No violations found.	No

*See Section 5.2.

Based on these findings and a review of the ER HMAs from August 21, 1998 and May 2, 2000, no environmental concerns were identified as part of the database search. EDR also provides an Orphan Summary section in the database report which lists sites which cannot be ruled out or mapped by EDR. The Orphan Summary section in the report contains 6 listings. Further investigation of these orphan sites determined that they have a low potential for impacting the subject property.

5.2 Previous HMAs in the Area

Based on a review of ER files, an HMA was historically conducted for the former Unocal Station #5618 at 591 The City Drive on August 21, 1998 and subsequently updated on May 2, 2000. Based on a review of these files and ER's investigation into the Unocal LUST site, the Board of Supervisors was asked to "waive clearance of hazardous materials contamination, subject to County Counsel accepting the indemnification by Unocal." Based on the case status and the historical indemnification granted by Unocal to the County of Orange, the former Unocal Station #5618 does not appear to be of environmental concern.

In addition to the Unocal Station, the previous HMAs clarified the following two other issues:

- The presence of ground depressions to the south of the property were evaluated as part of the 1998 HMA. Following discussions with Mr. Quang Than of the Orange County Health Care Agency (HCA), it was determined that these ground depressions represented a historical City of Orange landfill. Although no tests for soil and groundwater were historically conducted for this landfill, two office complex buildings were subsequently constructed over this area just south of the 22 Freeway. Based on the results of historical sampling conducted for the former Unocal Station and the subsequent redevelopment of the landfill, this site is considered to have a low potential for negatively impacting the property.

- The City Shopping Center/BFS Store database listing is located across the street from the subject property. ER's assessment of the site in 1998 revealed that the BFS store was downgradient from the Manchester Complex and Unocal Station #5618. Due to the regulatory status of this site as "case closed" and downgradient location, this listing is considered to have a low potential for impacting the property.

5.3 Property Inspection

A visit to the property was conducted on May 23rd, 2005 by ER staff. The property inspection involved a walking tour of the property and a visual inspection of adjoining parcels. Access to the property was provided by Mr. Andy Hart, the property manager for the Manchester Complex for the last 14 years. Mr. Hart was also interviewed as part of the property inspection with the results summarized in Section 6.4. Mr. Hart indicated that the property was owned by Mr. Michael Malamut throughout the last 14 years.

The inspection of the property was conducted to observe existing conditions and activities not apparent through other means that may have resulted in property contamination. Potential issues of environmental liability associated with the property are illicit disposal of hazardous waste; off-site contamination that may impact the property; and land usage/activities resulting in contamination of the property.

Prior uncontrolled land usage/activities and illicit disposal of hazardous waste have the potential for impacting the property. The search for evidence of illicit disposal of hazardous waste includes, but is not limited to, stained soils, stressed vegetation, dead wildlife, chemical odors, and the presence of containers (pails and drums). Evidence of uncontrolled land usage/activities includes, but is not limited to, abandoned water wells, cisterns, debris, soil mounds, ground depressions, surface impoundments, aboveground structures other than buildings, and electrical transformers.

The subject property consists of a two-story building, a parking area, a Sprint cellular telephone tower, a street sign advertising businesses in the complex, and a pad-mounted electrical transformer on the southwest corner of the building. The following discusses each section of the property:

- The first floor of the building consists of the "Players Edge Paintball" retail store. This store sells equipment and paintball supplies to the public. The business includes a product showroom, an office, restrooms, an employee kitchen and a garage storage area. The kitchen area contained household amounts of bleach and 409 cleaner. The garage storage included stacked boxes of paintballs that are sold to the public. The paintballs are made of plastic with biodegradable water-based paint on the inside. No evidence of hazardous materials or staining was observed on the first floor of the building.

- The second floor of the complex included office space for the following businesses: United Fathers of America, an auto insurance company, a bail bonds office, and

We the People Document Services (law office). No evidence of hazardous materials storage or usage was noted on the second floor of the building.

- The parking areas and trash dumpster did not contain any potential environmental concerns.

- A Sprint cellular telephone tower is located in a fenced area on the southeast corner of the property. The tower is powered by a pad-mounted transformer on the southwest corner of the site (near the driveway entrance). No signs of staining or hazardous materials storage/mismanagement were noted in these areas.

- The adjoining properties observed during the inspection included the Sheriff's parking lot to the north, the Animal Shelter parking lot to the east and south, and the westbound 22 Freeway off-ramp onto the City Drive to the west. The groundwater remediation system previously associated with the Sheriff's property to the north had apparently been removed following the site closure in April 2003.

No signs of hazardous materials or other potential environmental concerns were identified on the subject property. Property photographs are included in Appendix C.

5.4 Area Reconnaissance

A search of the area within approximately ¼-mile of the property was made during a drive-by and walking reconnaissance on May 23, 2005. The purpose of the area reconnaissance is to identify potential off-site environmental conditions on adjacent properties that may impact the property. Some specific items that are looked for are undocumented storage tanks/dry cleaning operations, cemeteries, old/abandoned structures, embankments, heavy equipment, monitoring wells, mines/quarries, gas/oil wells and the mismanagement of chemicals, pesticides, and herbicides. Mismanagement of chemicals includes improper chemical storage and chemical releases. Evidence includes surface staining, stressed vegetation, and emanating odors.

The surrounding areas are of mixed land use including commercial office space, the Block of Orange retail shopping mall, Theo Lacy Prison, the Orange County Animal Shelter, hospital space, the 22 Freeway, and the Santa Ana River. Locations of the EDR database listings identified in Section 5.1 were confirmed. No off-site environmental concerns were noted during the area reconnaissance.

6.0 FINDINGS

The following presents the findings of the HMA:

- File reviews of historical aerial photographs, topographic maps, city directories, Sanborn maps, and previous HMA files revealed no issues of potential environmental concern for the property.

- The regulatory database review contained 12 listings within the one mile search radius. Further investigation of these listings determined that they have a low potential for negatively impacting the property.

- The property inspection and area reconnaissance within a ¼-mile radius of the property did not identify potential RECs.

Additional findings of this investigation are included in Sections 6.1 through 6.4.

6.1 Radon Gas

One permanent building is located on the property and no investigation was conducted by ER regarding the presence of radon gas. However, according to the California Radon Map, Orange County is situated in a low potential zone, with a predicted average indoor radon screening level below 2 pCi/L.

6.2 Agricultural Pesticide Use

Historical investigations indicate that the property and surrounding areas may have a prior history of agricultural use (orange groves/orchards) with the associated possibility of previous applications of agricultural pesticides. The prior use of pesticides on developed agricultural lands in Southern California has not been found to present a material risk of harm to public health or the environment, and regulatory agencies have not initiated enforcement actions on these agricultural lands.

6.3 Asbestos Containing Materials and Lead-Based Paint

Asbestos is a thread-like, fibrous rock found in the earth's crust which has been identified as a potential carcinogen. Prior to 1978, it was frequently used as a construction material, commonly found in ceiling tiles, floor tiles, insulation on electrical wires, circuit boxes, caulking, spackle, and thermal/acoustical surfacing materials.

Prior to occupying the structure, the presence (if any) of asbestos containing material (ACM) should be determined. If asbestos is found, California law requires that the owner provide notice of this fact to employees and contract workers within the building [25915, California Health and Safety Code]. ACM means any construction material which contains more than 0.1 percent asbestos by weight, note that this definition does not require that the material be physically attached to the structure.

Lead-Based Paint (LBP) was historically used in building materials prior to the 1978. The United States Environmental Protection Agency considers lead to be a potentially highly toxic building material.

No investigation was conducted by ER regarding the presence of ACMs or LBP. However, due to the relative age of the on-site building (constructed between 1980 and

1990 based on the historical document review), there is a low likelihood of ACMs or LBP in building materials.

6.4 Transfer Disclosure Statement Request

A transfer disclosure statement (TDS) was requested but unavailable for this investigation. However, in lieu of a TDS statement review, ER conducted an interview on May 23, 2005 with Mr. Andy Hart, the property manager for the Manchester Complex. This interview comprised questions typically asked on a TDS. No additional environmental concerns were identified during the interview.

7.0 CONCLUSIONS

The reviews of historical USGS topographic maps, aerial photographs, city directories, Sanborn Maps, and previous HMA files did not reveal any potential RECs for the subject property.

The property inspection and area reconnaissance within a ¼-mile radius of the property revealed no issues of potential environmental concern for the property.

The regulatory database review contained 12 listings within the one mile search radius. Further investigation of these listings determined that they have a low potential for negatively impacting the property.

No tests were conducted on the property for asbestos or lead-based paint. However, based on the historical document review, the building was constructed after 1978, which is the last year that these materials were commonly used in building materials.

No tests were conducted on the property with regard to the presence of radon. However, based on the information available for Orange County from the State Radon Survey, radon gas is not considered an environmental concern at the property.

The property and surrounding areas have historically been associated with farming activities, and historical pesticide applications may have been conducted in the region. However, the historical use of agricultural pesticides is considered a *de minimis* condition under Section 1.1.1 of the Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM E 1527-00) and does not constitute a REC. Therefore, this finding is considered to have a low potential for negatively impacting the property.

The interview with the Manchester Complex's property manager did not identify any additional environmental concerns.

8.0 RECOMMENDATIONS

The HMA investigation found no evidence of environmental degradation to the property as a result of hazardous materials contamination. Environmental Resources (ER) recommends that acquisition of the property proceed.

LIMITATIONS

The County of Orange has performed this hazardous materials assessment in accordance with current professional standards for investigations of this type. The conclusions presented in this report are based on the information collected during the study, the present understanding of the site conditions, and professional judgment.

Please note, subsurface and hazardous waste/toxic substance conditions may vary from those tested in the laboratory, documented in historical documents or encountered at the location where visual inspections, borings, soundings, test pits, surveys, or other exploration were made by the County of Orange. The interpretations and recommendations of the County of Orange based solely on such information. Findings of this investigation are based on data provided by others carries no warranty, expressed or implied, as a result of the usage of such data.

It is possible that future investigations may reveal additional data or variations of the current data, which may require the current conclusions and recommendations to be re-evaluated. If chemical analyses have been performed for specific parameters, it should be noted that additional chemical constituents not searched for during the current study may be present in soils and/or groundwater at the site.

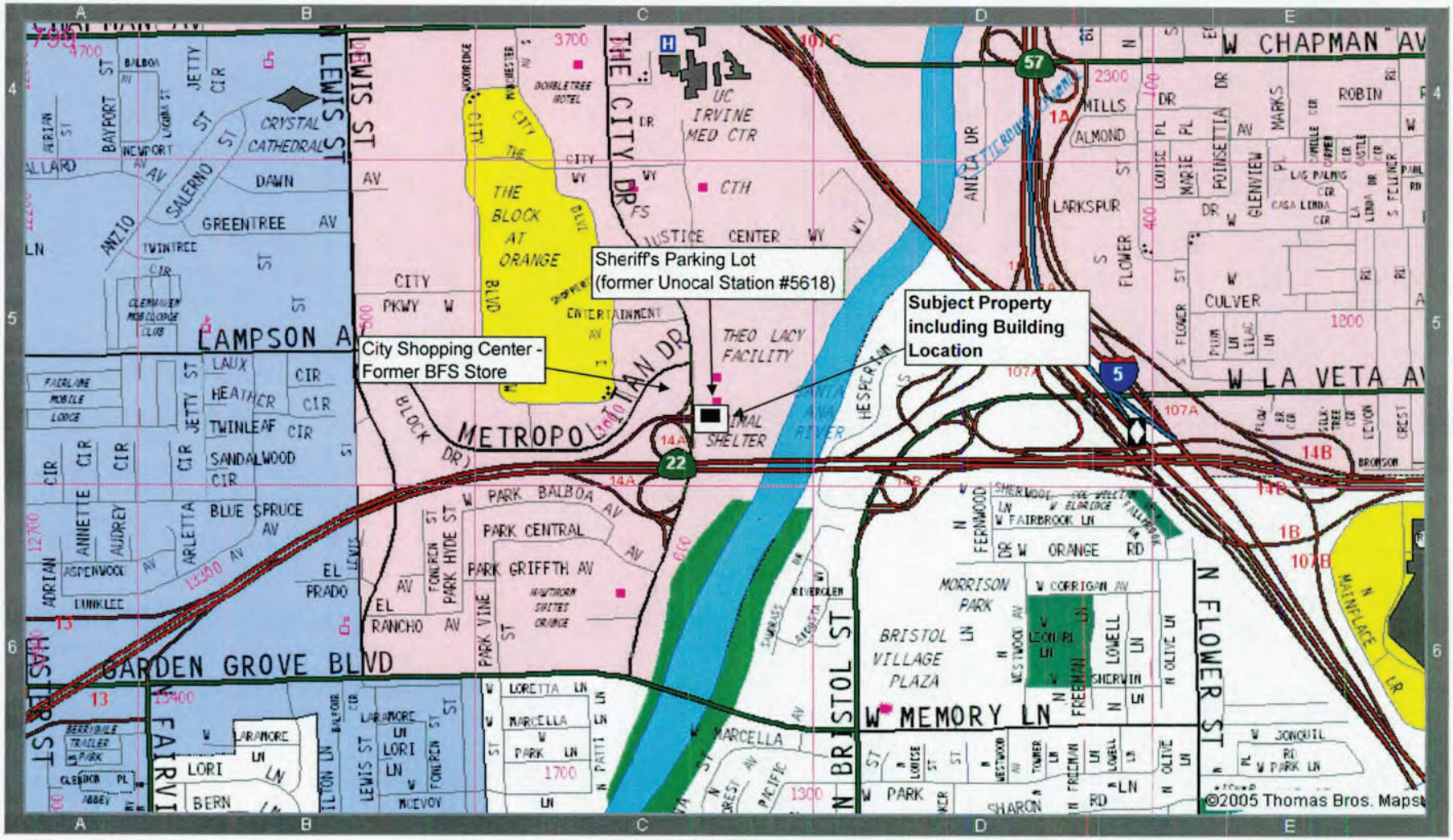
As a result, the County of Orange makes no warranty, either express or implied, as to its findings, opinions, recommendations, specifications, or professional advice except that they were promulgated after being prepared in accordance with generally accepted standards of care and diligence normally practiced in this field.

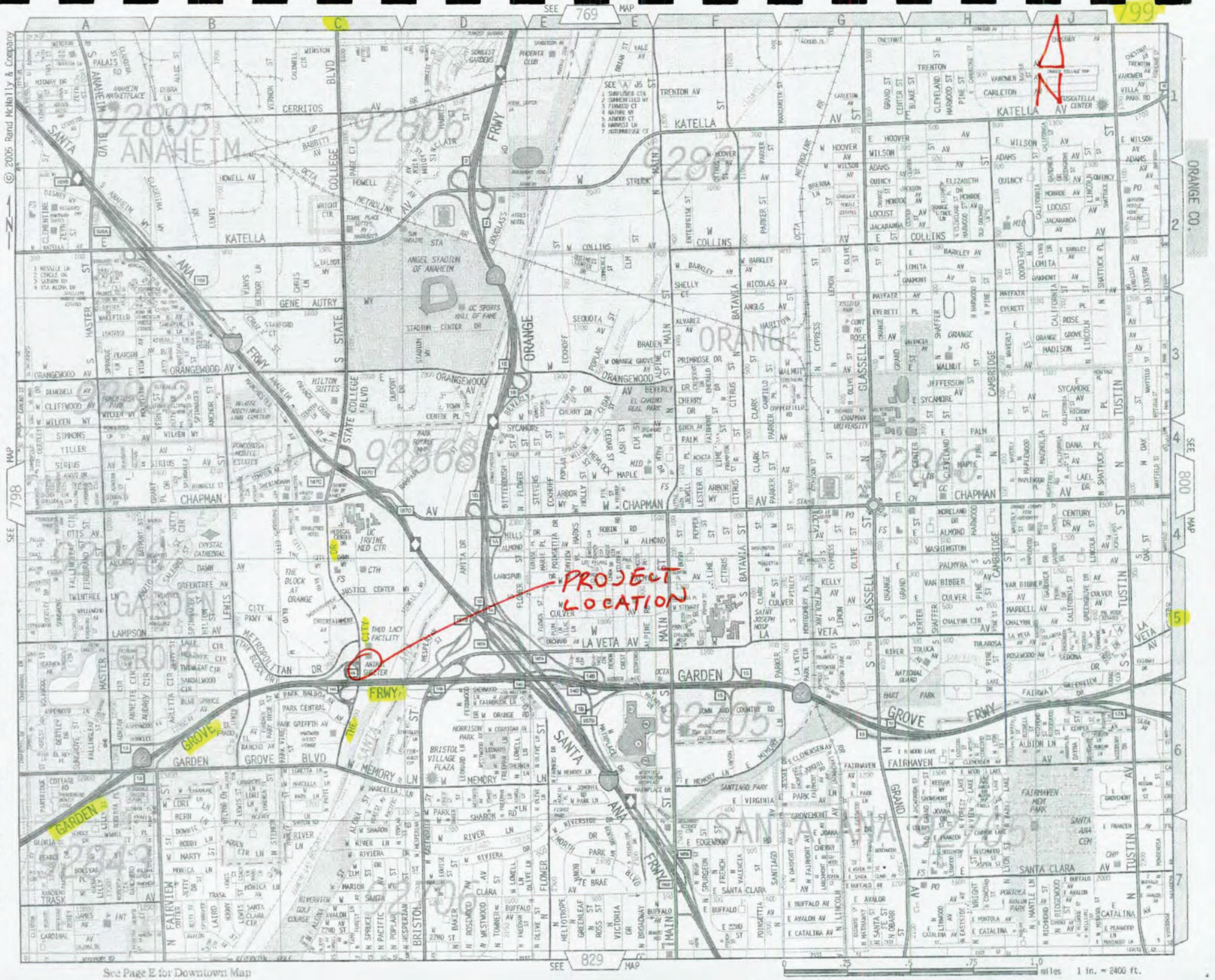
The information in this report is relevant to the date of the site work and should not be relied on to represent conditions at any later date. Facts, conditions, and acceptable risk factors change with time accordingly; this report should be viewed within this context.

APPENDIX A

Property Location Maps

Property Location Map
Thomas Guide Page 799-C5





See Page E for Downtown Map

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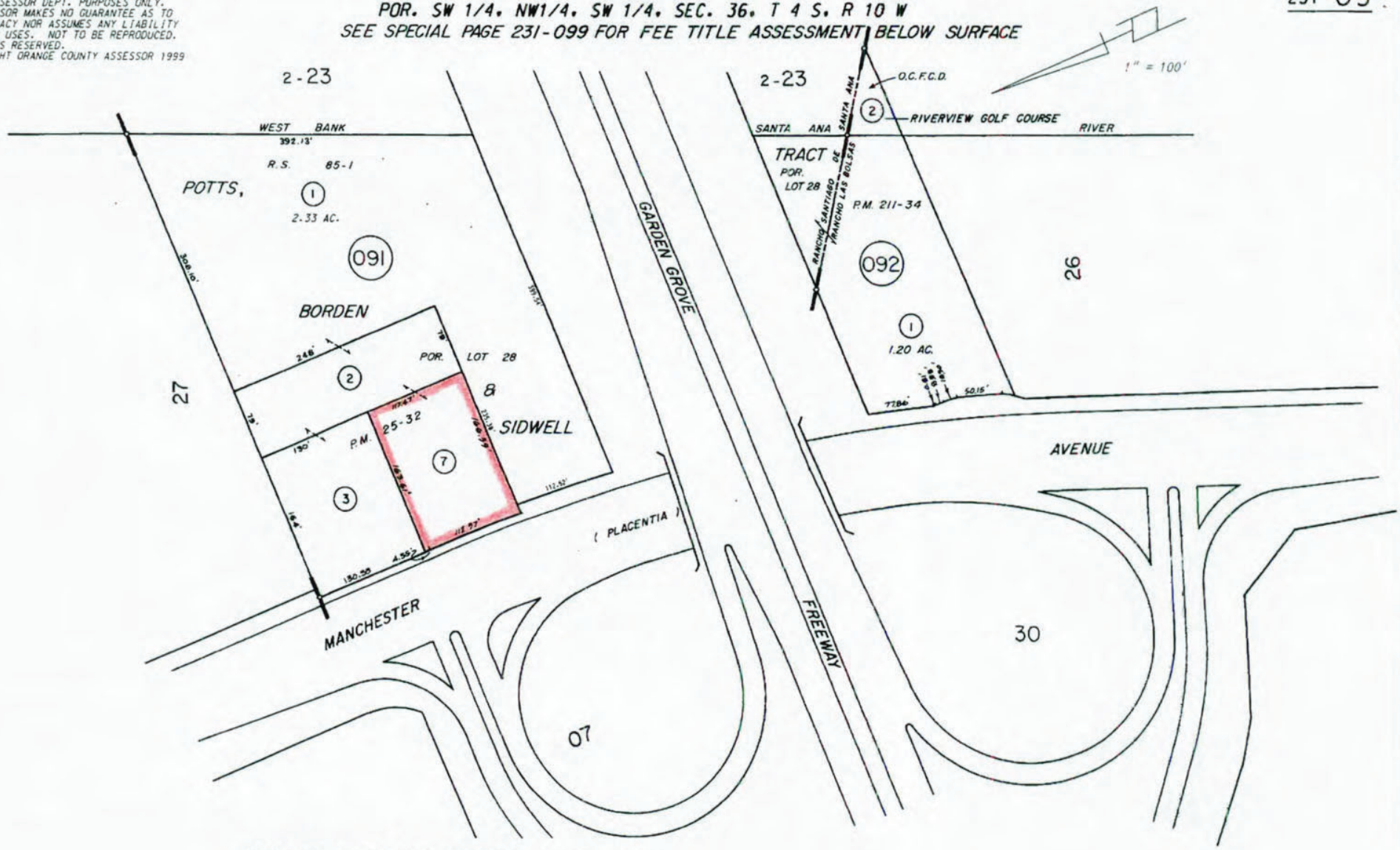
POR. SE 1/4, NE1/4, SE 1/4, SEC. 35, T 4 S, R 10 W

POR. SW 1/4, NW1/4, SW 1/4, SEC. 36, T 4 S, R 10 W

SEE SPECIAL PAGE 231-099 FOR FEE TITLE ASSESSMENT BELOW SURFACE



POTTS, BORDEN & SIDWELL TRACT L.A. 1 - 63


N
PROJECT LOCATION
THE CITY DRIVE

APPENDIX B

Topographic Maps



EDR Historical Topographic Map Report

Manchester Complex Addition
595 The City Drive
Orange, CA 92868

Inquiry Number: 1418027.4

May 10, 2005

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

Form-TIM

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.'s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property, and its surrounding area, resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources. Reasonably ascertainable is defined as information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.* To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, city directories, fire insurance maps, topographic maps, property tax files, land title records (although these cannot be the sole historical source consulted), building department records, or zoning/and use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2 page 12.)

EDR's Historical Topographic Map Report includes a search of available public and private color historical topographic map collections.

Topographic Maps
A topographic map (topo) is a color coded line-and-symbol representation of natural and selected artificial features plotted to a scale. Topos show the shape, elevation, and development of the terrain in precise detail by using contour lines and color coded symbols. Many features are shown by lines that may be straight, curved, solid, dashed, dotted, or in any combination. The colors of the lines usually indicate similar classes of information. For example, topographic contours (brown); lakes, streams, irrigation ditches, etc. (blue); land grids and important roads (red); secondary roads and trails, railroads, boundaries, etc. (black); and features that have been updated using aerial photography, but not field verified, such as disturbed land areas (e.g., gravel pits) and newly developed water bodies (purple).

For more than a century, the USGS has been creating and revising topographic maps for the entire country at a variety of scales. There are about 60,000 U.S. Geological Survey (USGS) produced topo maps covering the United States. Each map covers a specific quadrangle (quad) defined as a four-sided area bounded by latitude and longitude. Historical topographic maps are a valuable historical resource for documenting the prior use of a property and its surrounding area, and due to their frequent availability can be particularly helpful when other standard historical sources (such as city directories, fire insurance maps, or aerial photographs) are not reasonably ascertainable.

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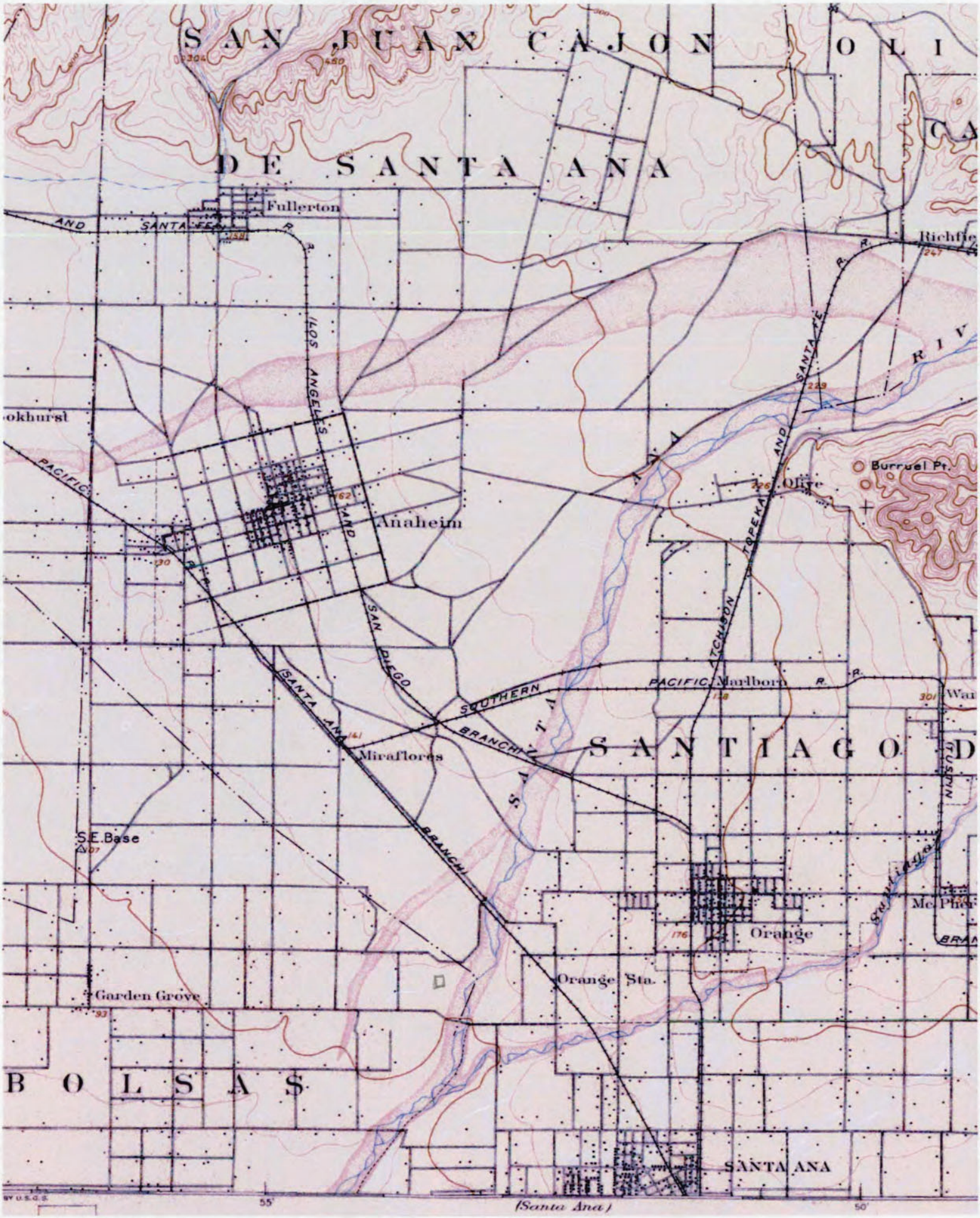

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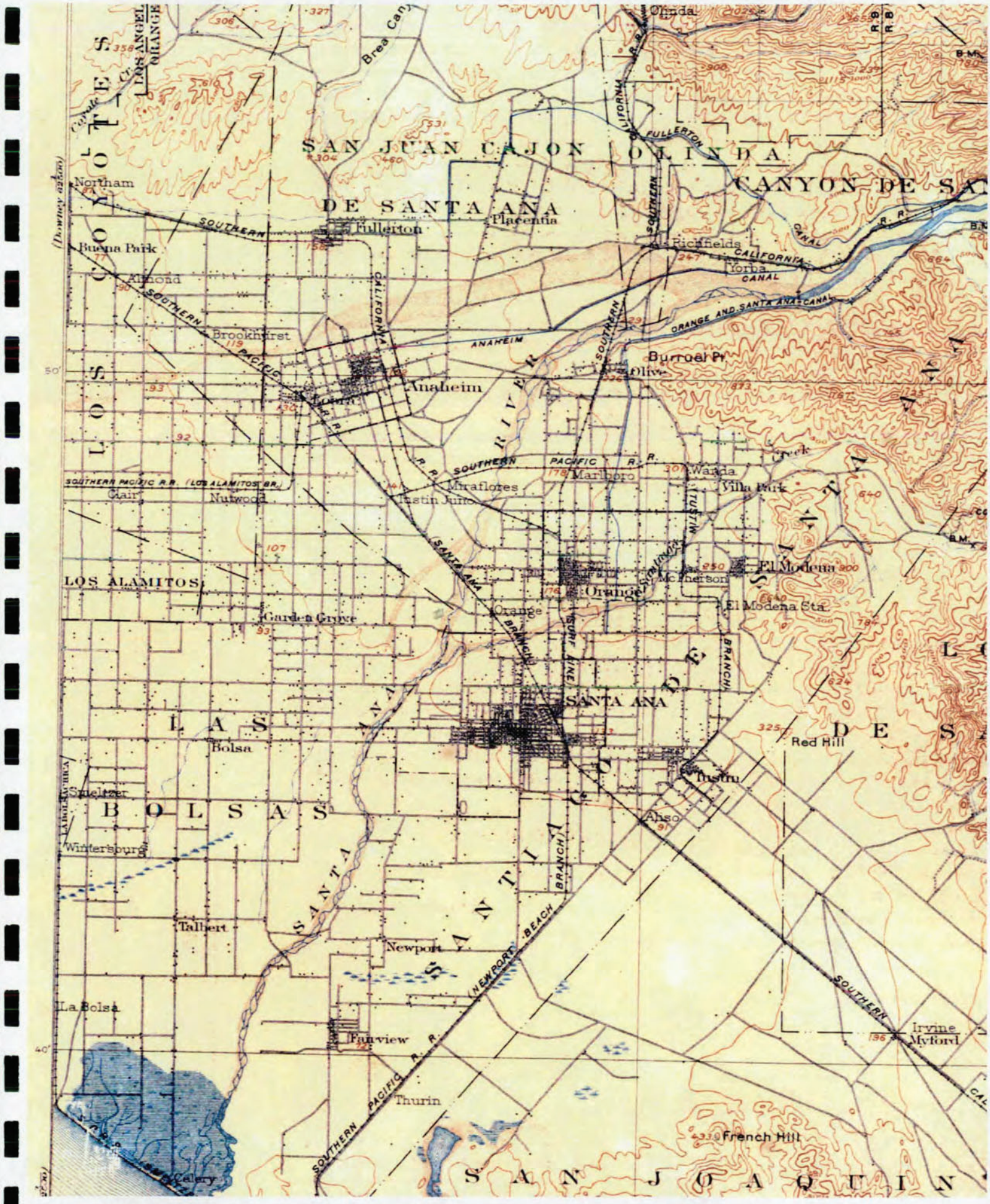

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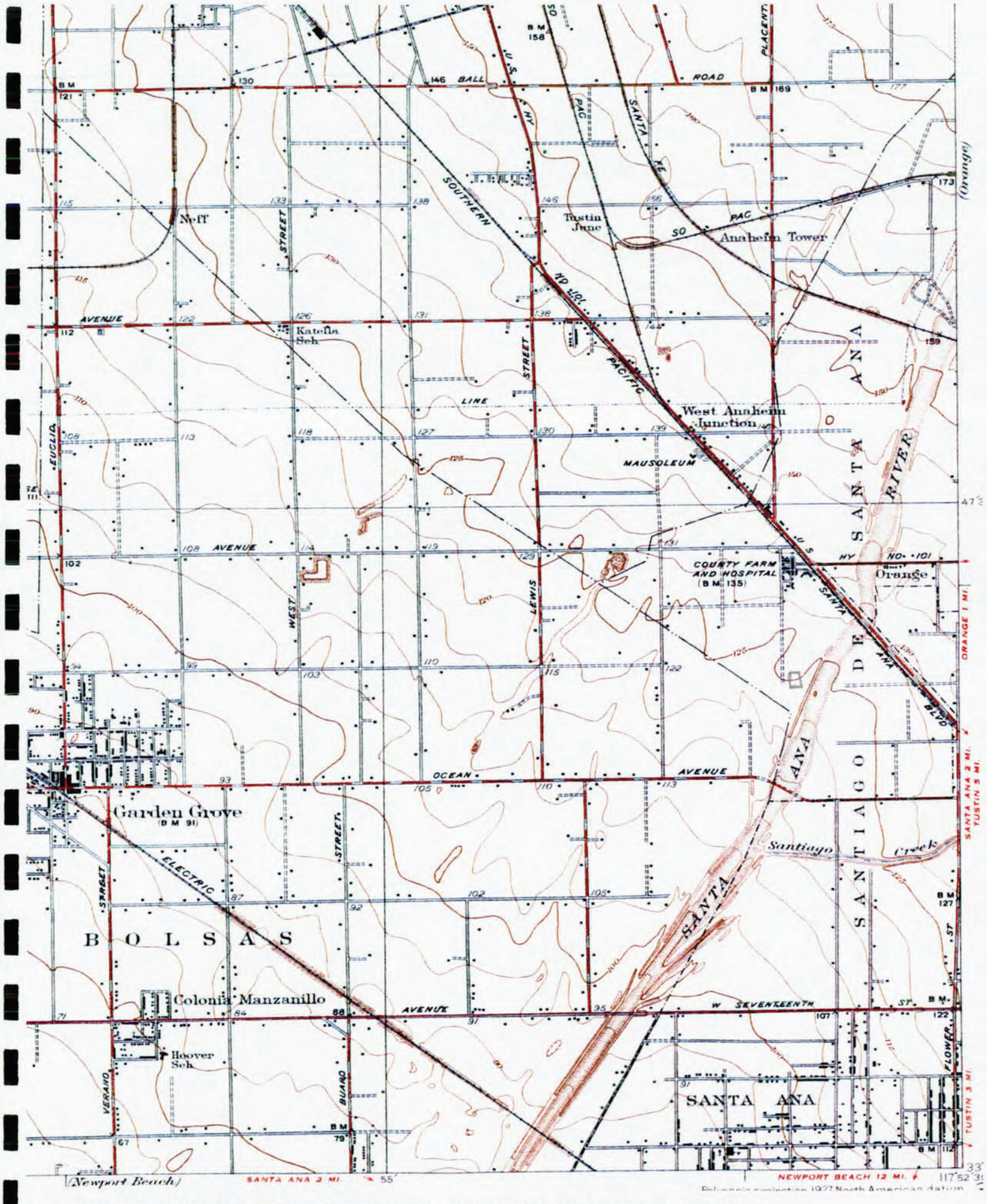

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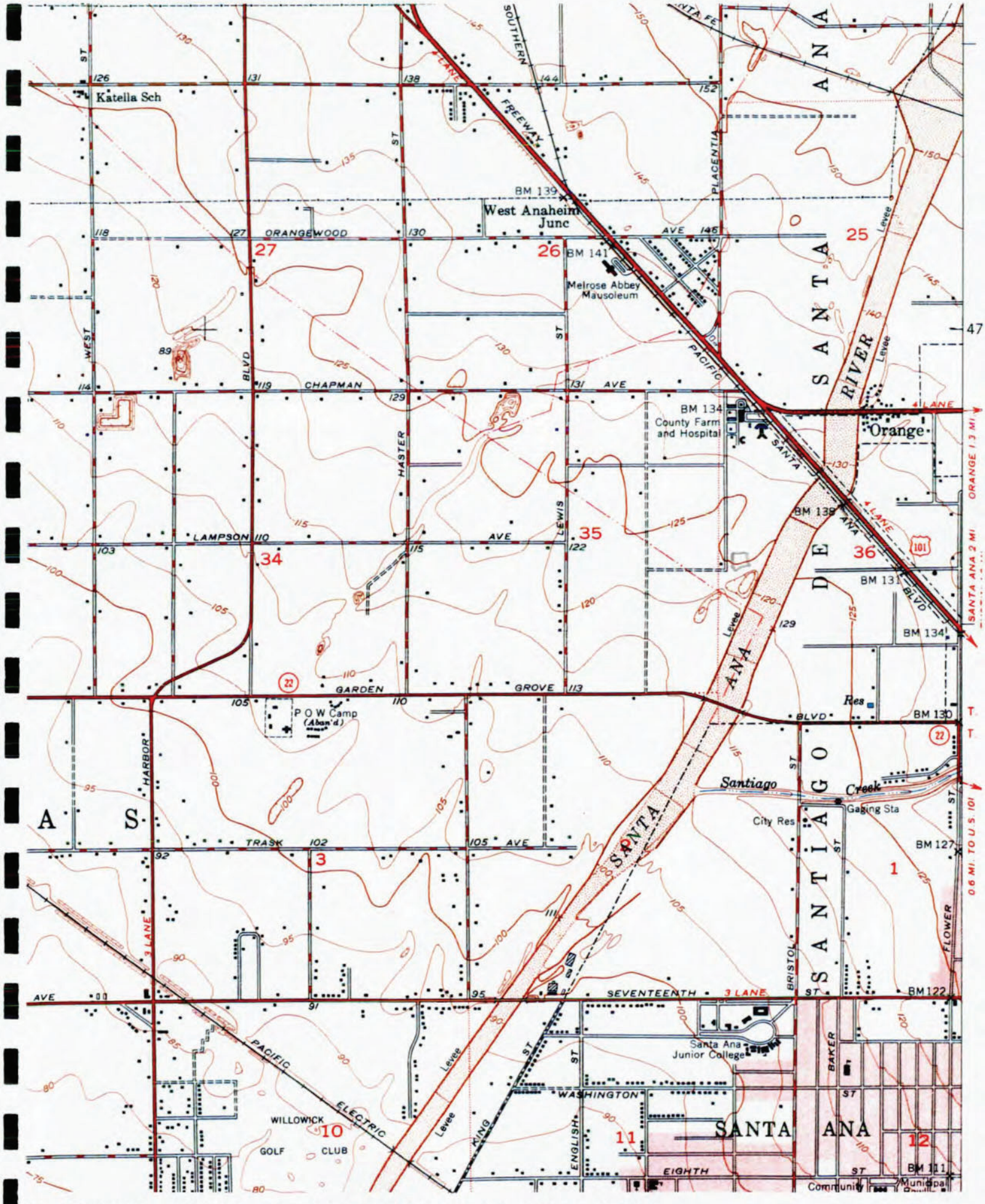

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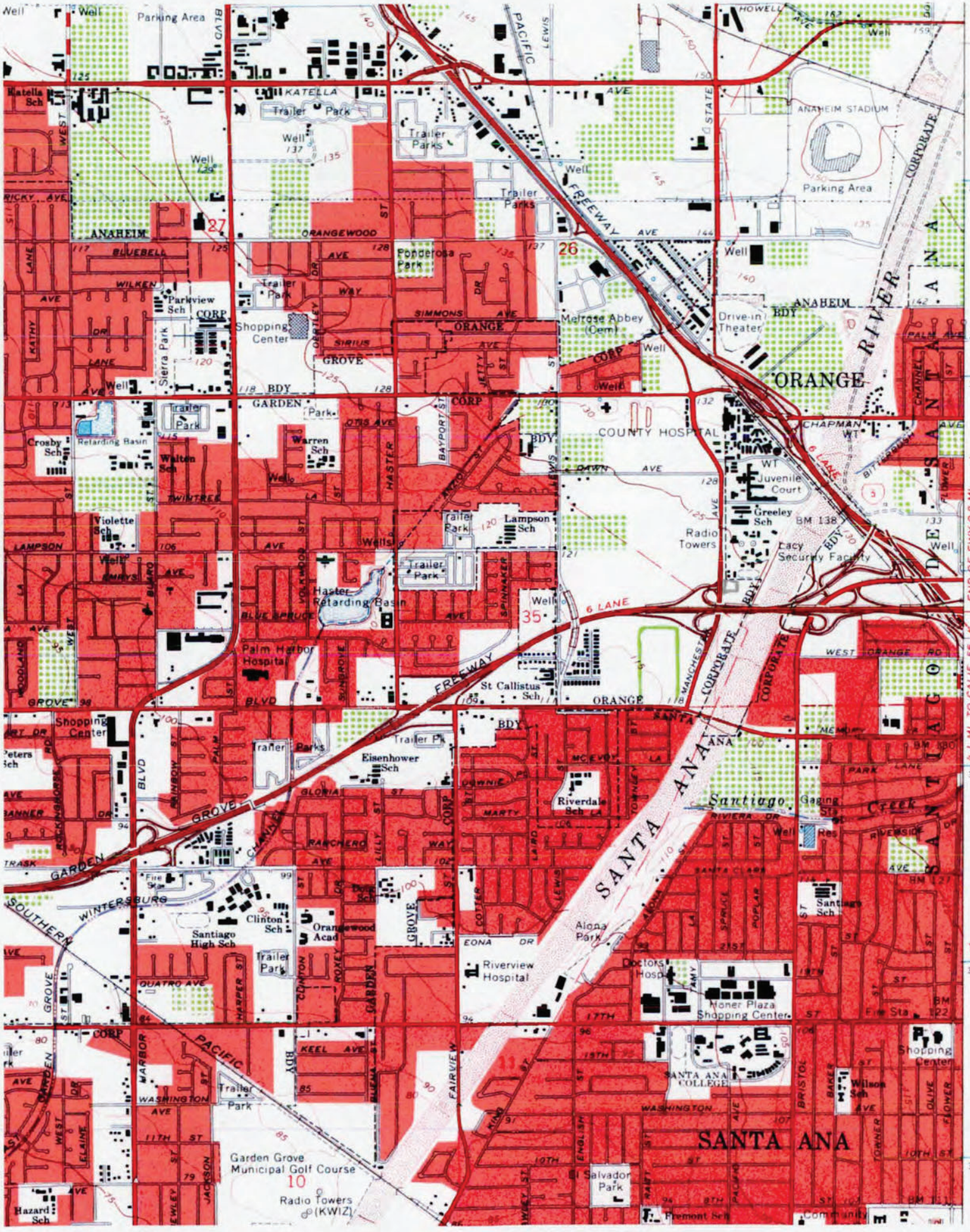

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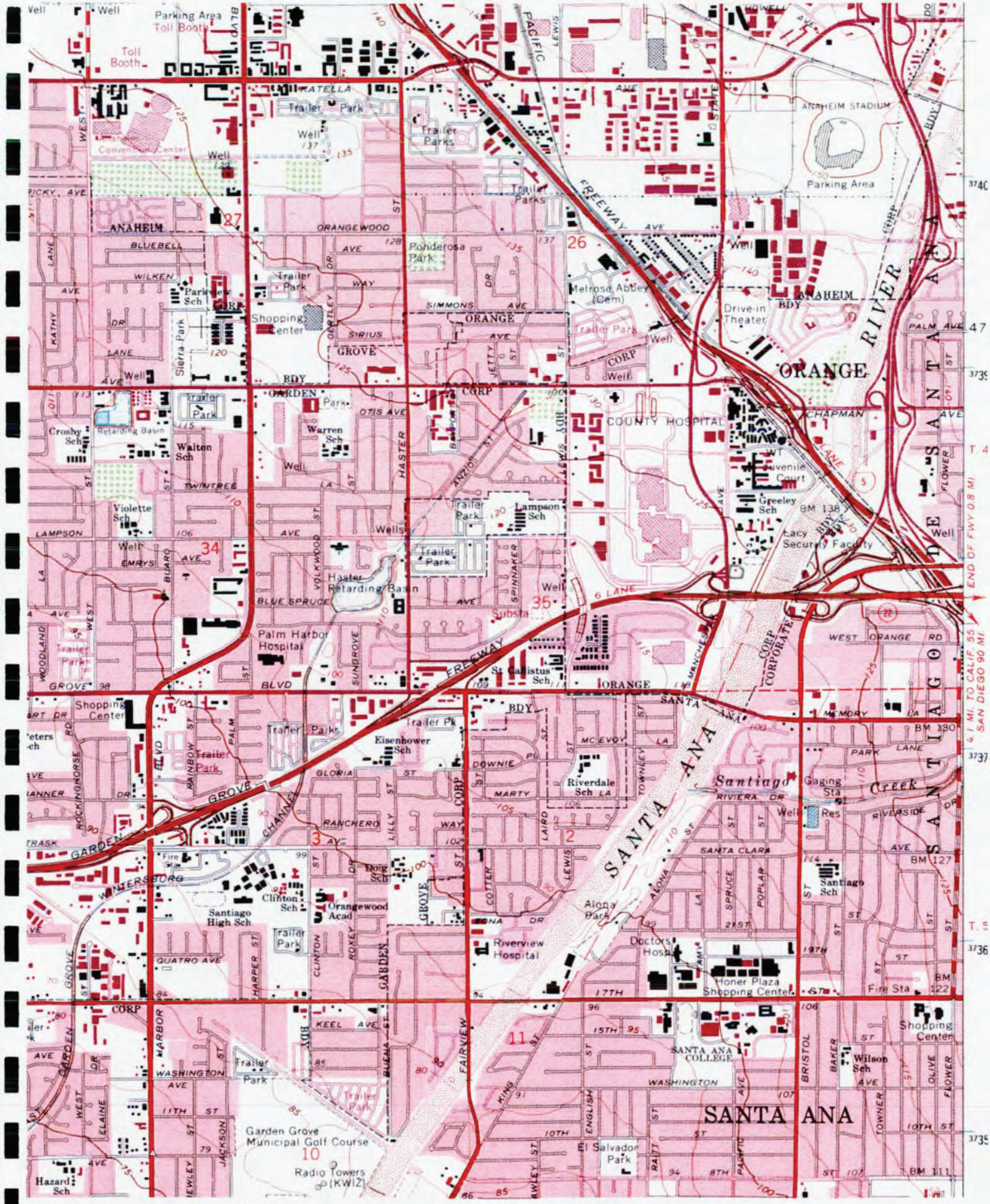

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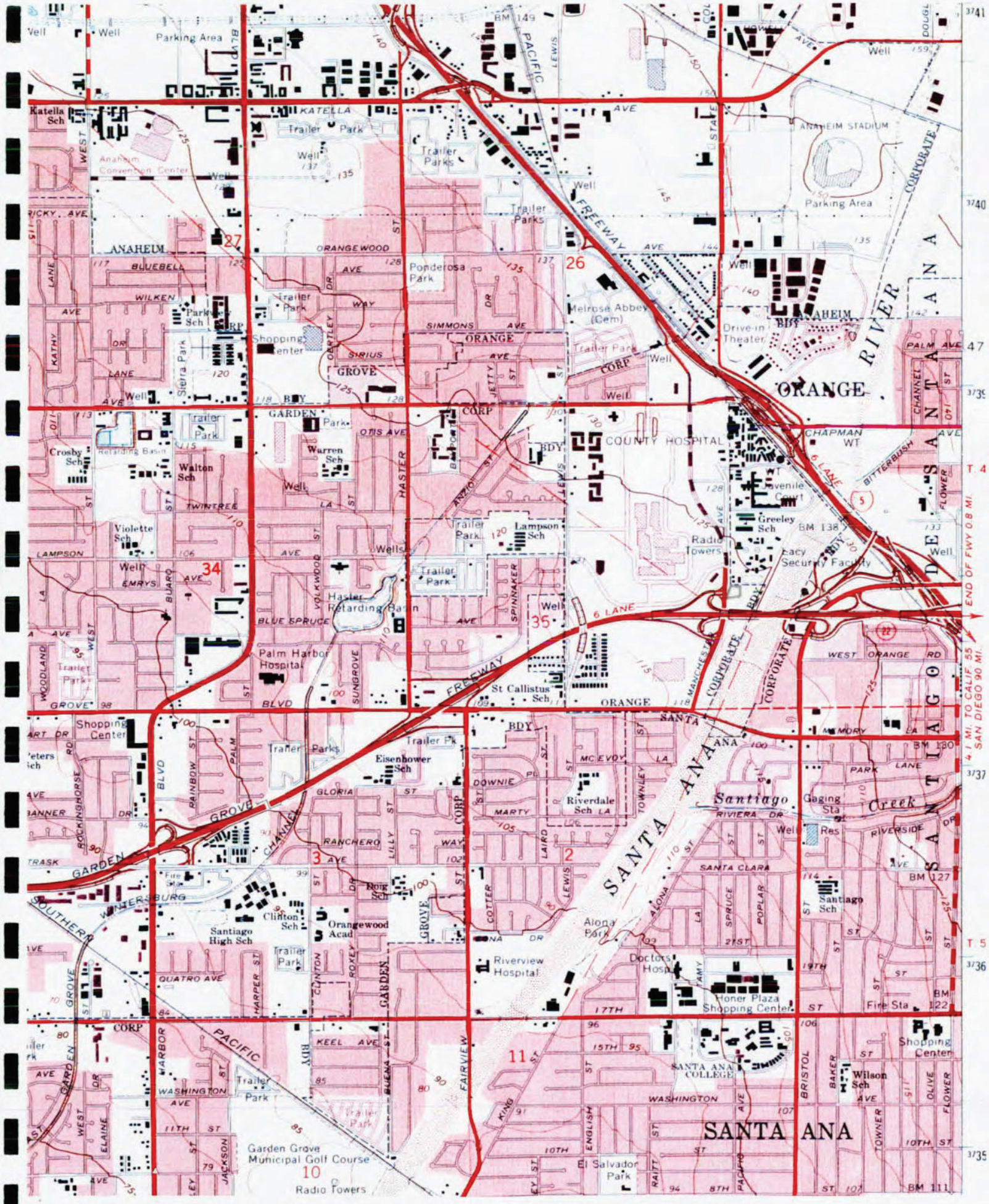

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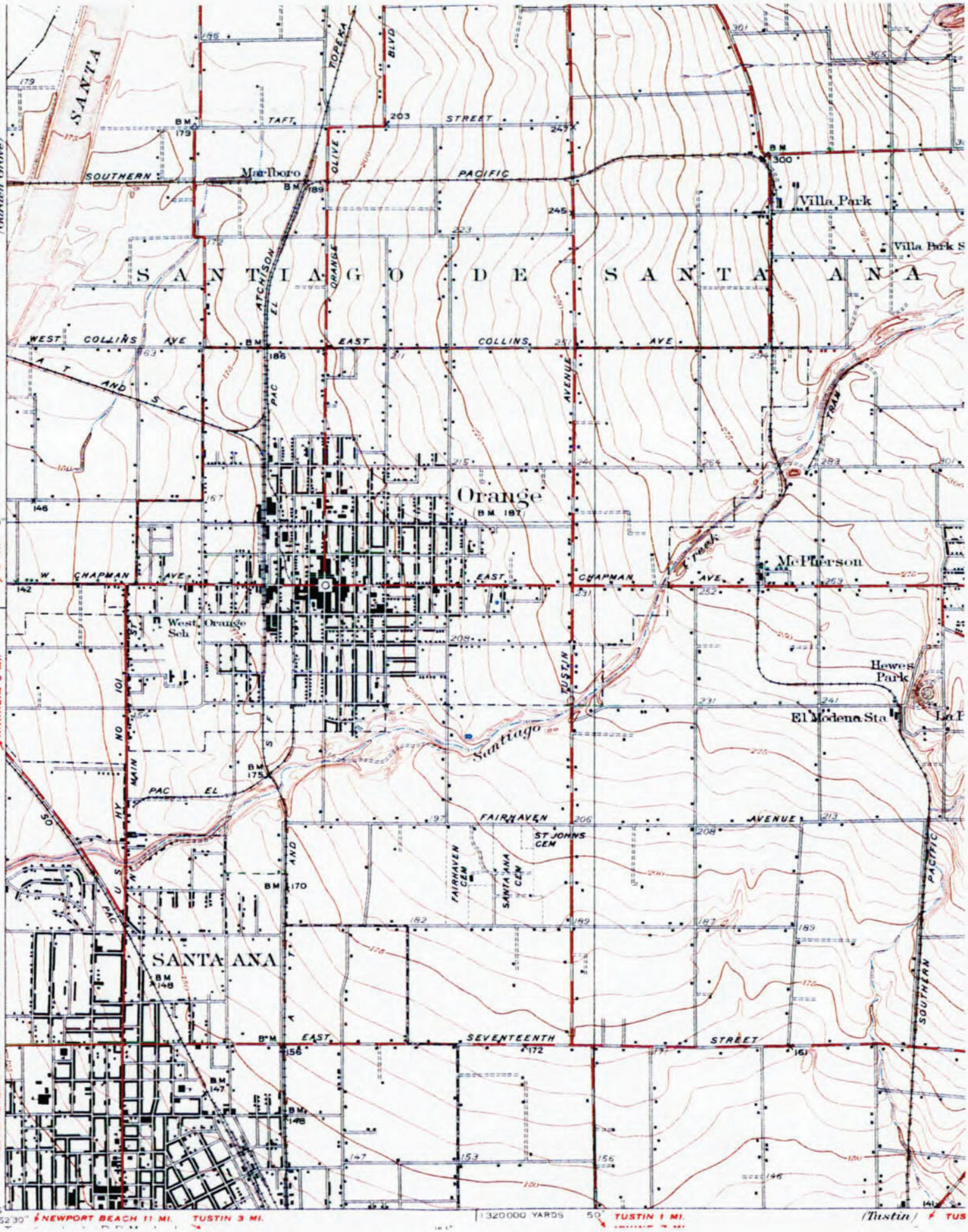

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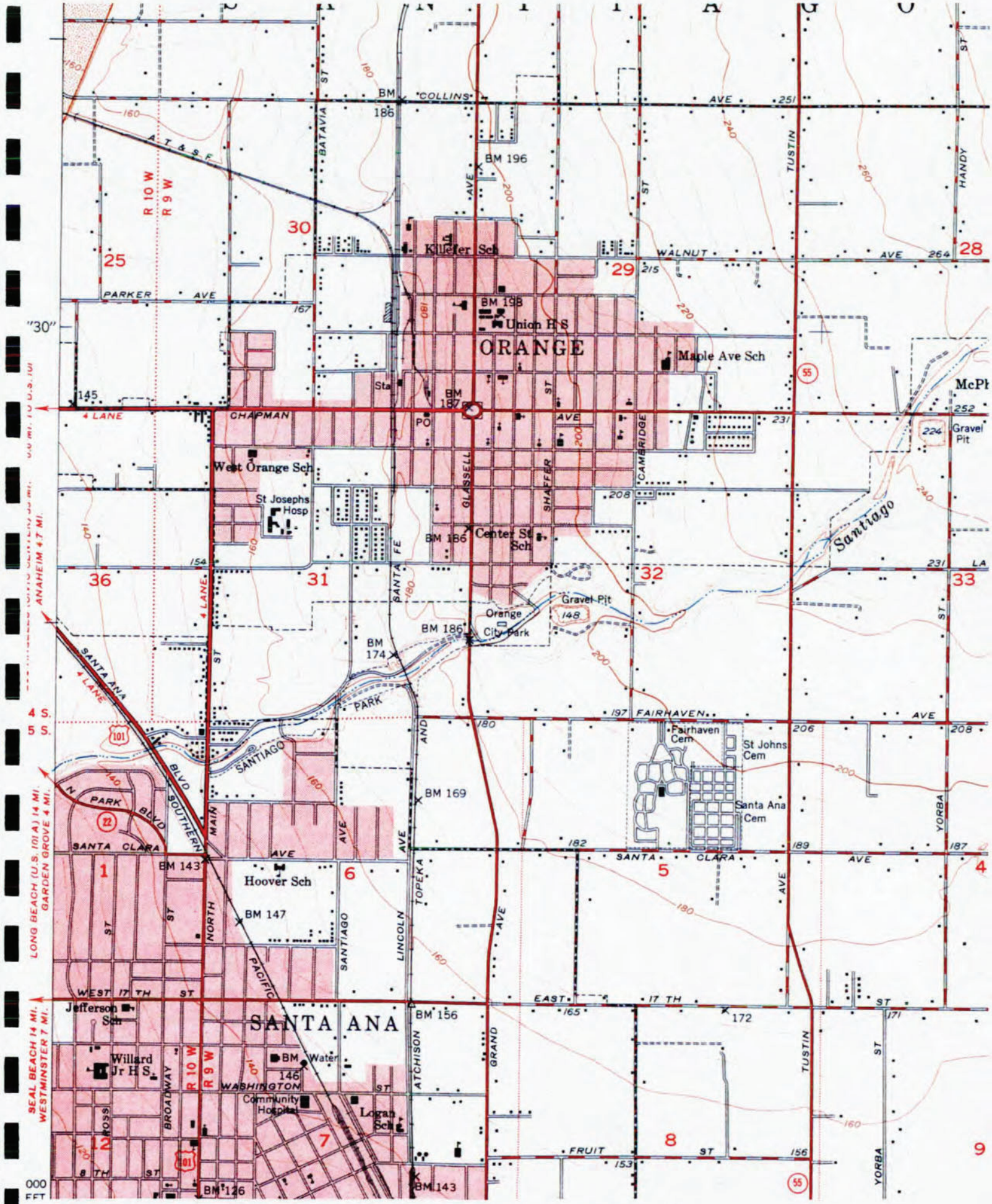

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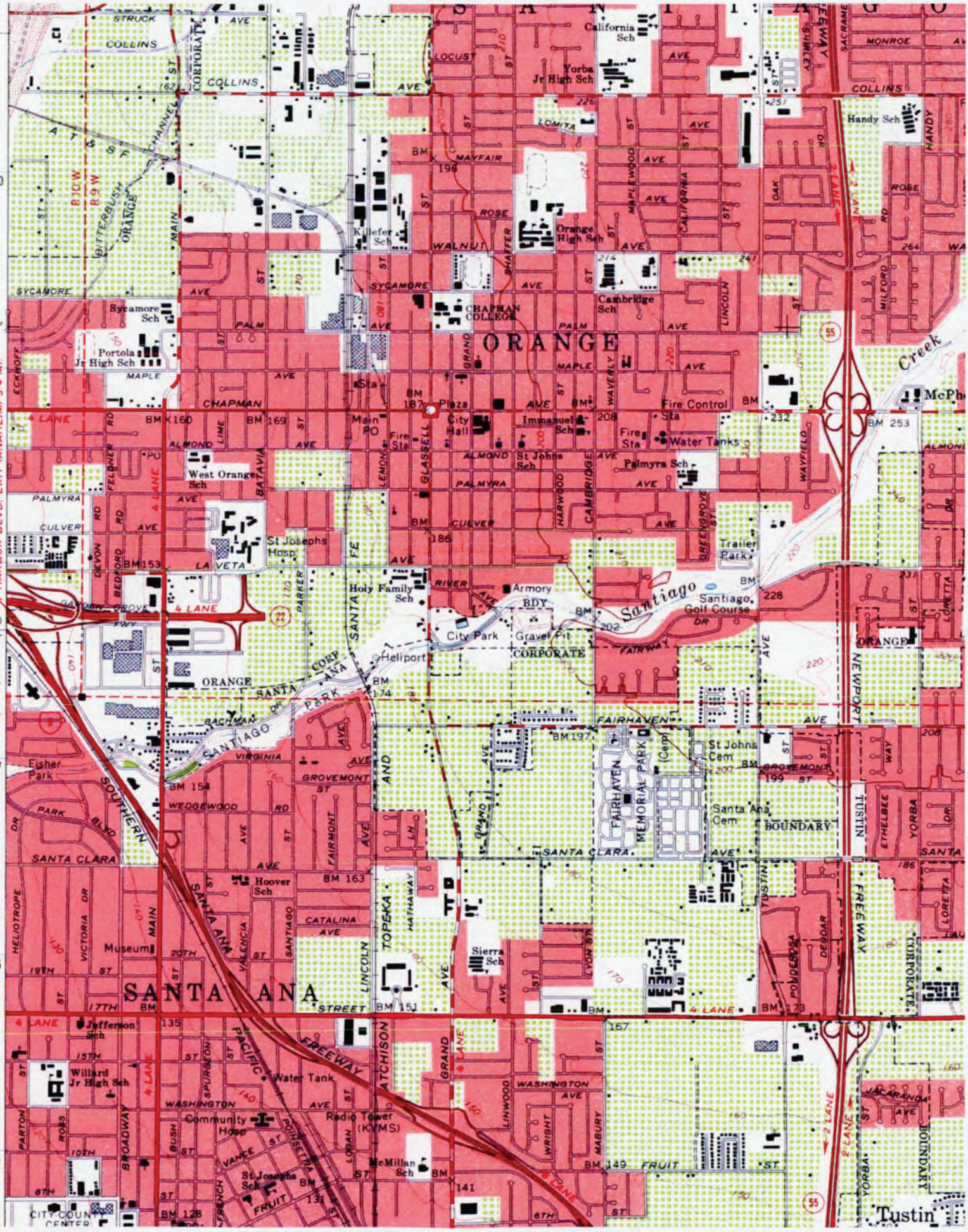

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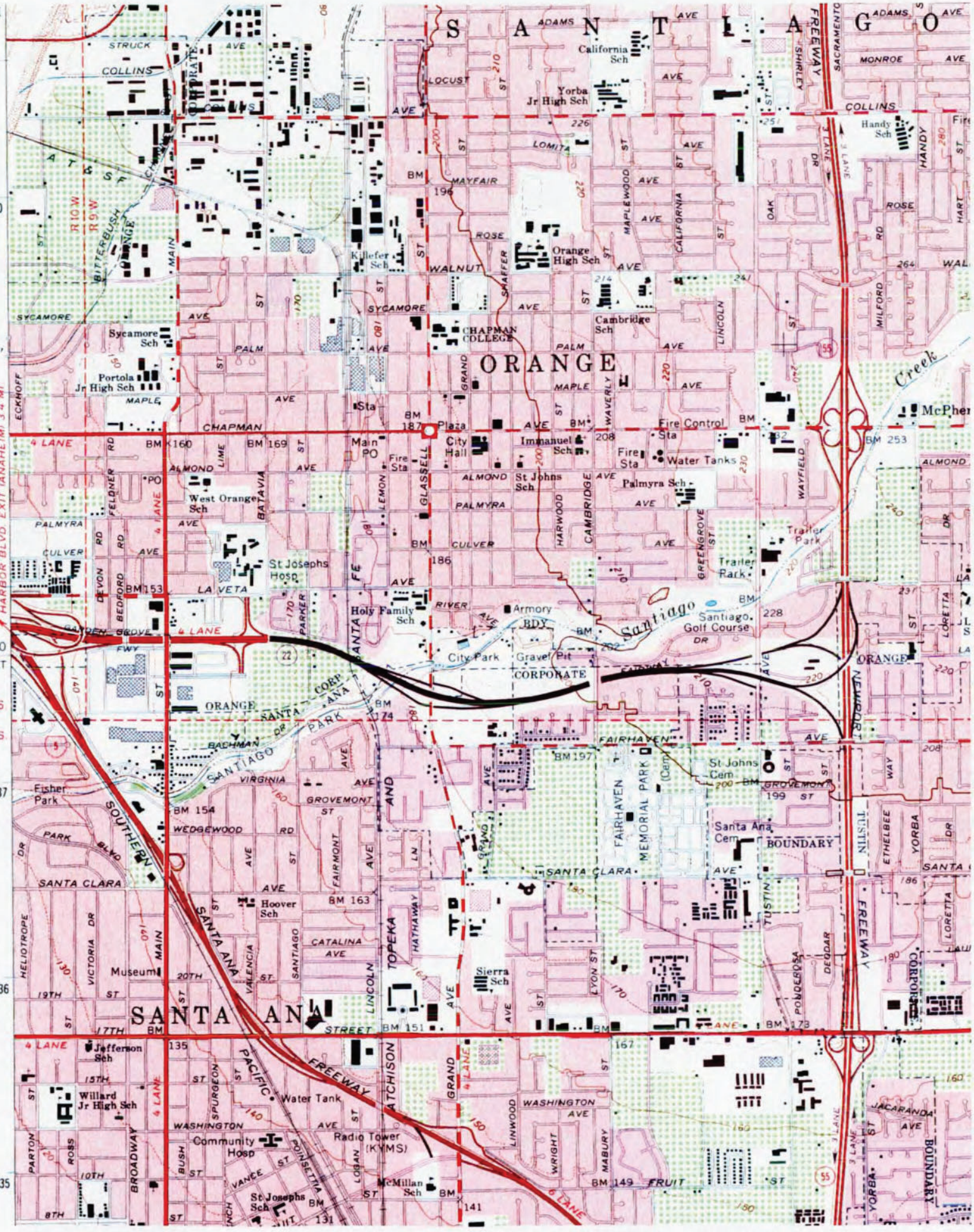

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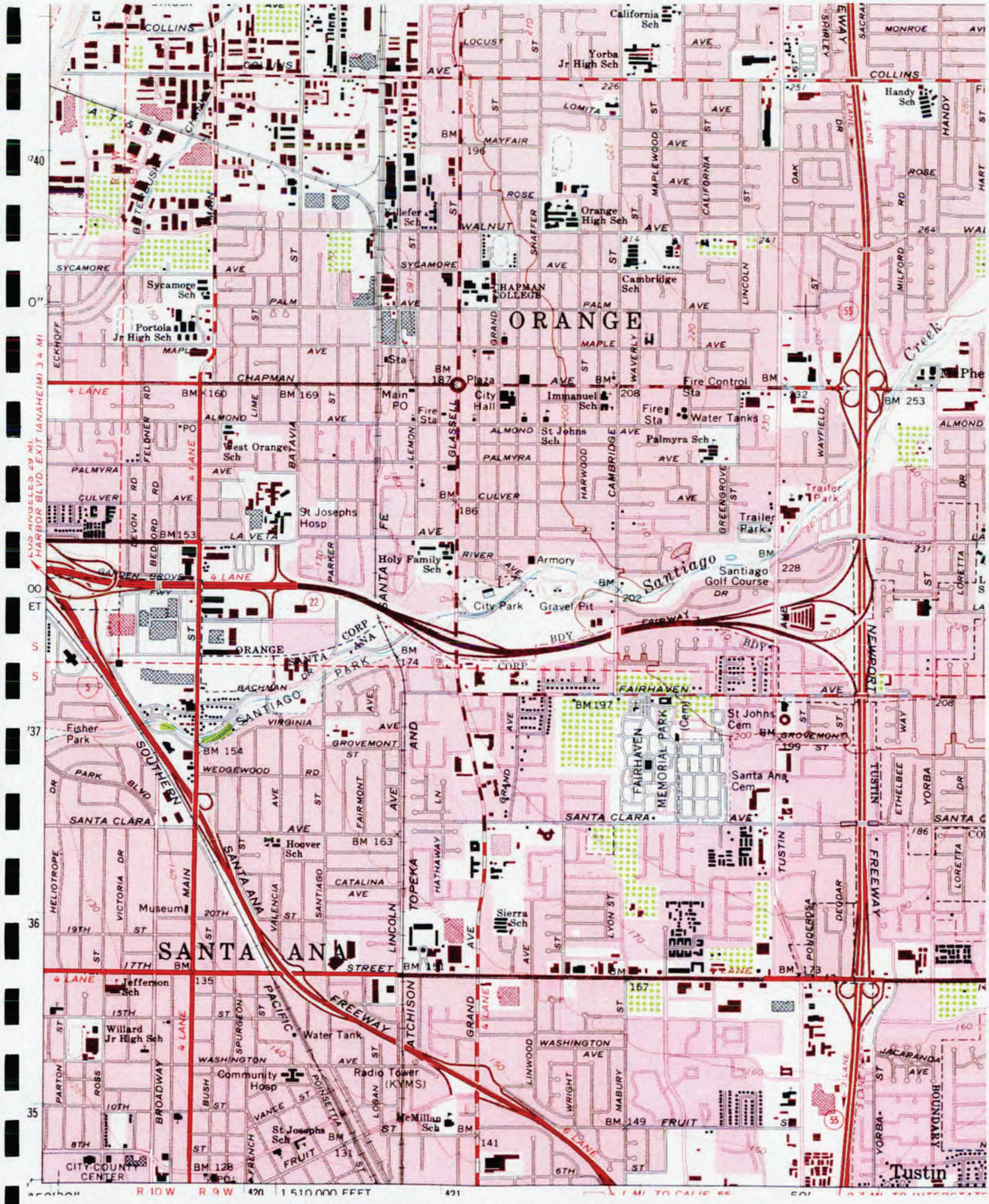


N ^ EDR INQUIRY# 1418027.4 ADJOINING QUAD: ORANGE PHOTOREVISED: 1964-1981 Series: 7.5' Scale: 1:24,000

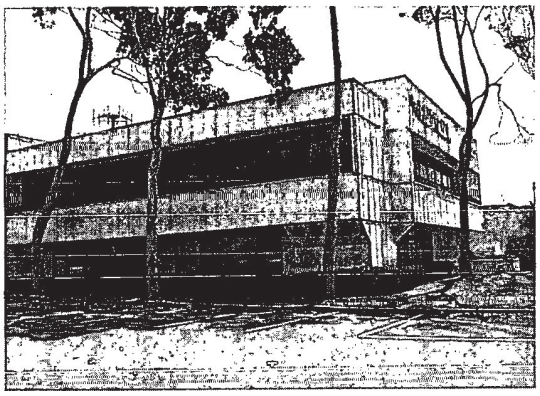
APPENDIX C

Property Photographs

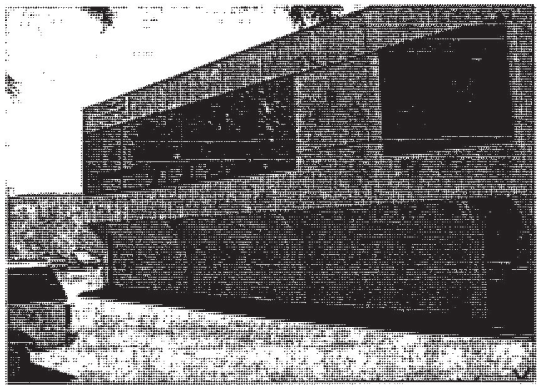


California Radon Map

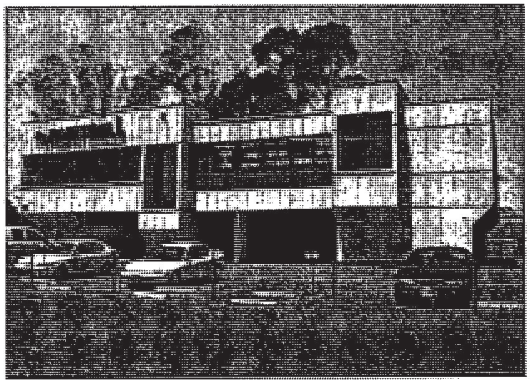
	Zone 1 Highest Potential - counties have a predicted average indoor radon screening level greater than 4 pCi/L (red zones)
	Zone 2 Moderate Potential - counties have a predicted average indoor radon screening level between 2 and 4 pCi/L (orange zones).
	Zone 3 Low Potential - counties have a predicted average indoor radon screening level less than 2 pCi/L (yellow zones).



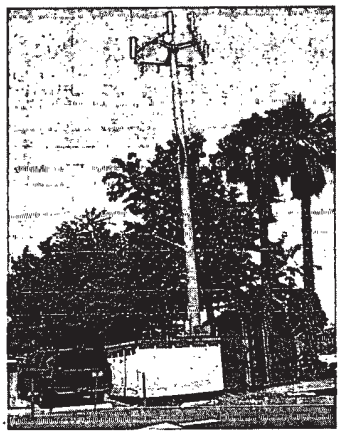
View of the north side of the property from the Sheriff Department's parking lot, facing southeast.



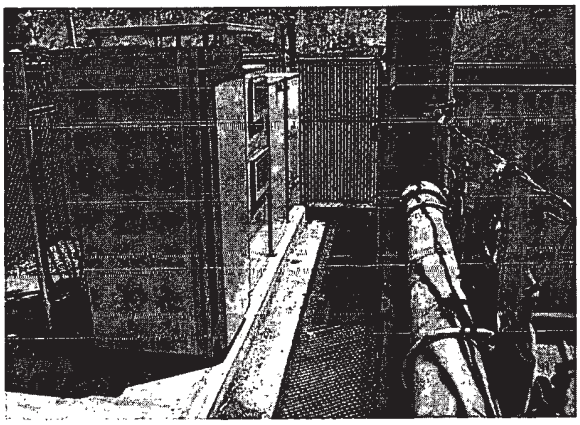
View of the east side (backside) of the property including storage garages, facing southwest.



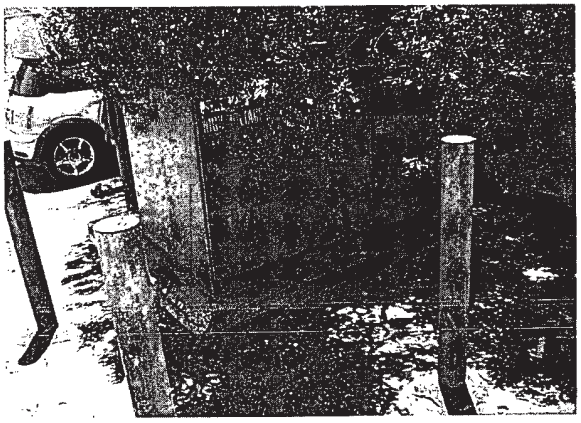
View of the south side of the property including the property's parking area, facing north.



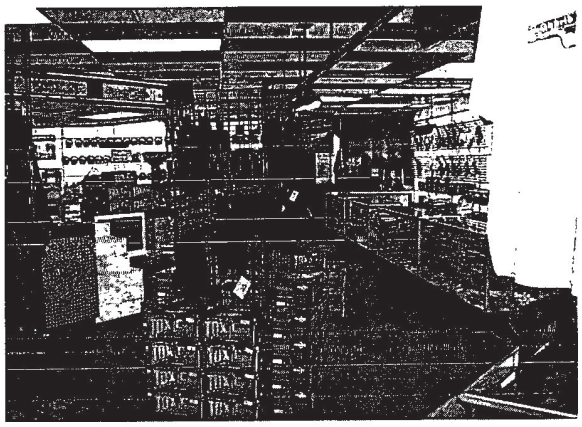
View of the Sprint Cellular Phone Tower in the southeast corner of the property, facing northeast. The white enclosure contains the trash dumpster for the property. The Orange County Animal Shelter is located on the other side of the trees.



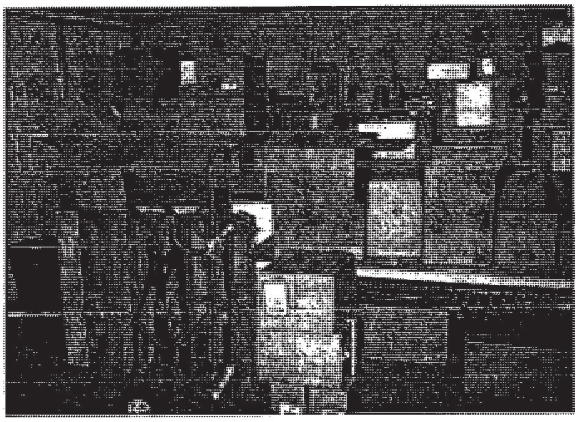
View of the cellular phone tower's electrical equipment.



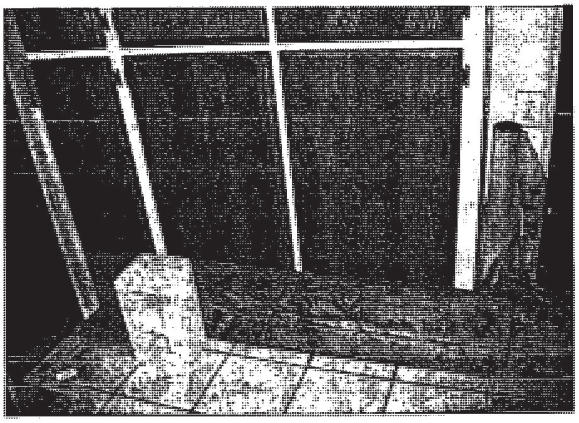
View of the pad-mounted transformer in the southwest corner of the property.



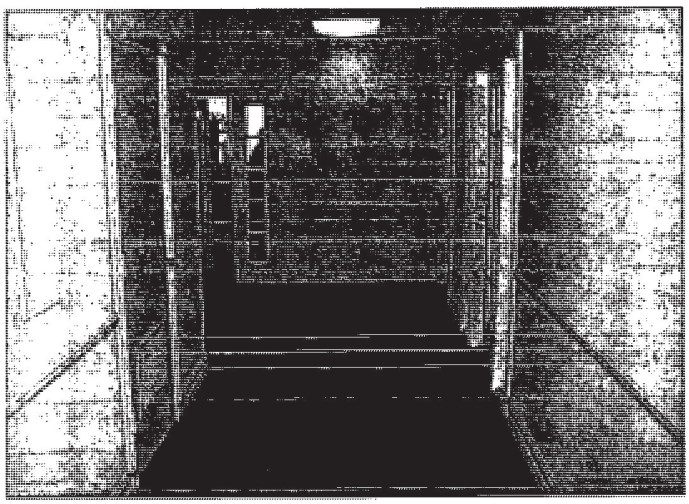
View of the retail paintball storage shop on the first floor of the building.



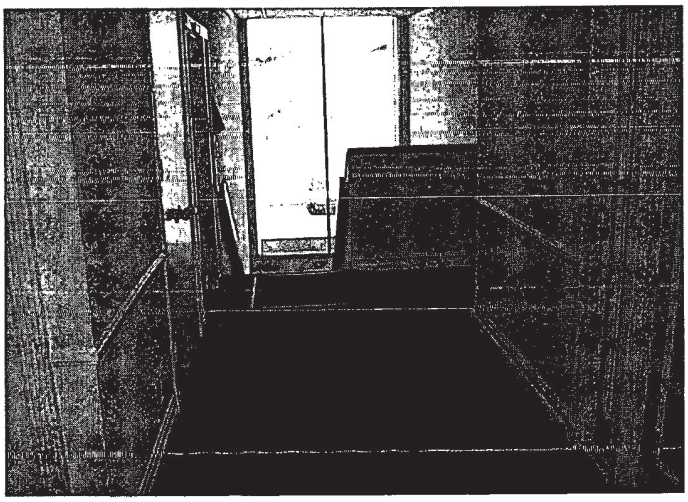
View of the storage area in the back portion of the store.



View of the kitchen cabinets used to store household cleaners for the paintball store.



View of the central hallway on the second floor of the building. The doors lead to various business offices located in the building.



Second view of the upstairs portion of the building.

APPENDIX D

Aerial Photographs



EDR® Environmental
Data Resources Inc

The EDR-Aerial Photography Print Service

Manchester Complex Addition
595 The City Drive
Orange, CA 92868

May 10, 2005

Inquiry Number: 1418027-5

The Standard In Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

Environmental Data Resources, Inc.
Aerial Photography Print Service

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Aerial Photographs

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1-800-352-0050 (8am-8pm ET)
with questions or comments about your report.
Thank you for your business!

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Inquiry# 19/8027.5
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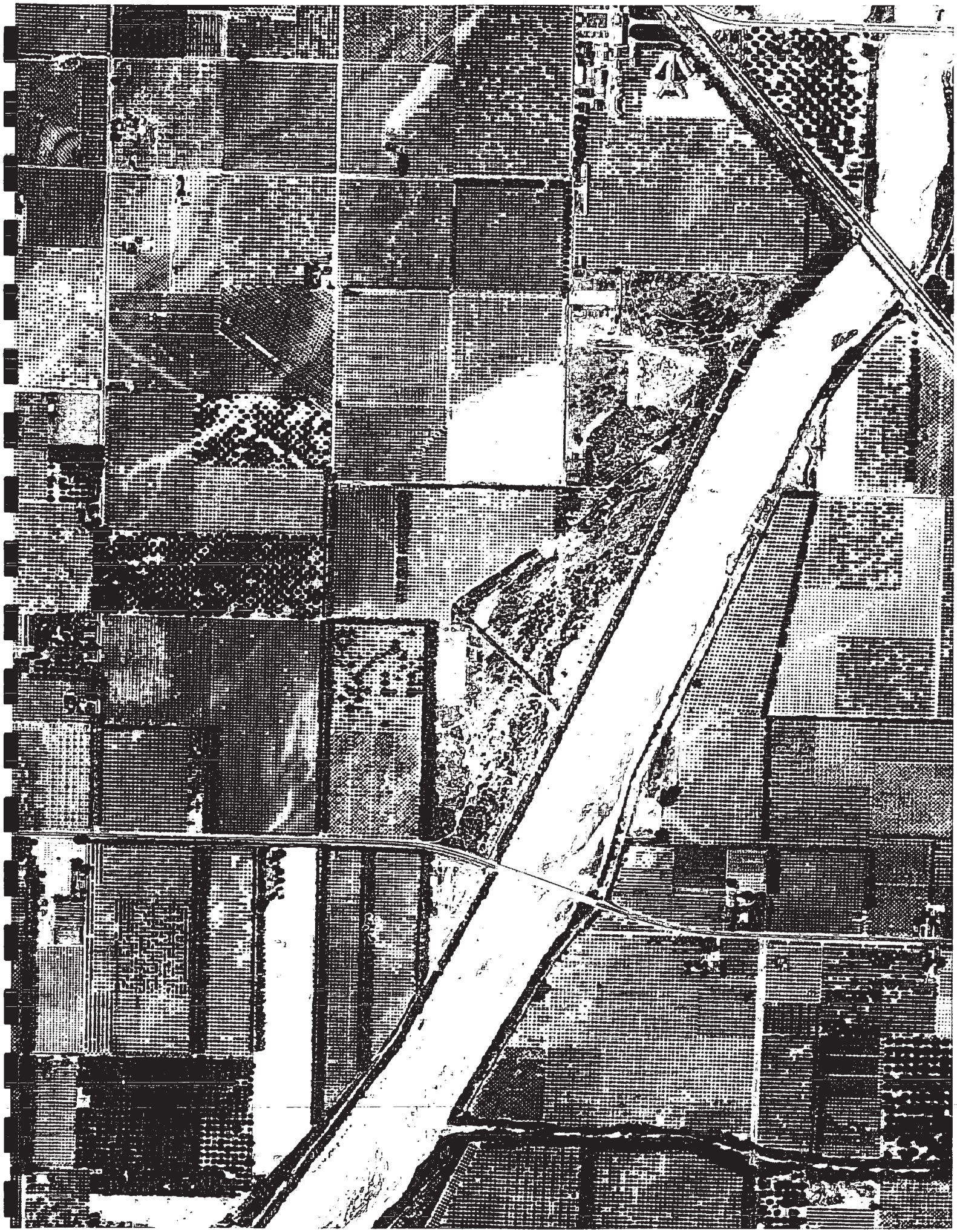
Scale: 1"=555'





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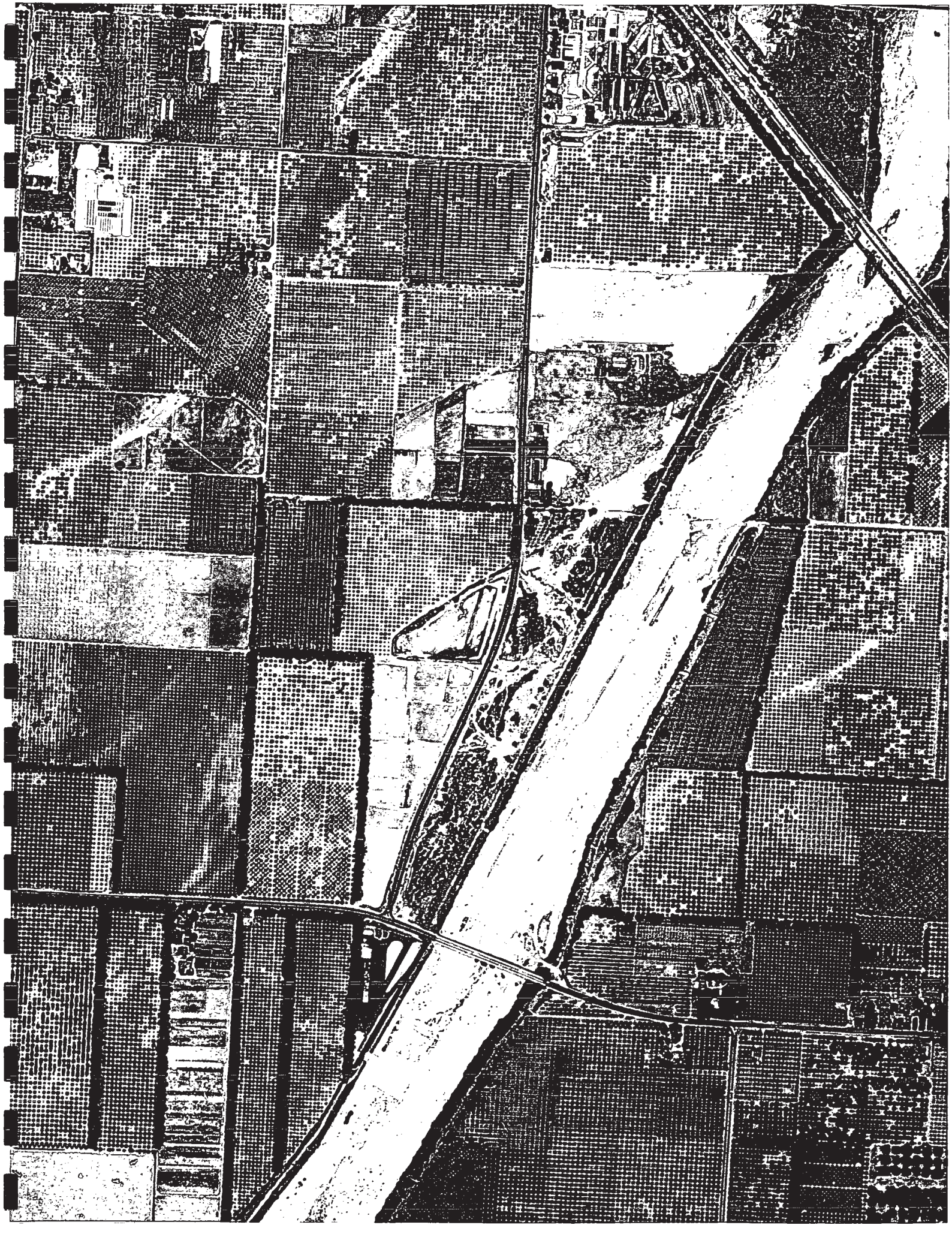

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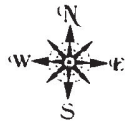

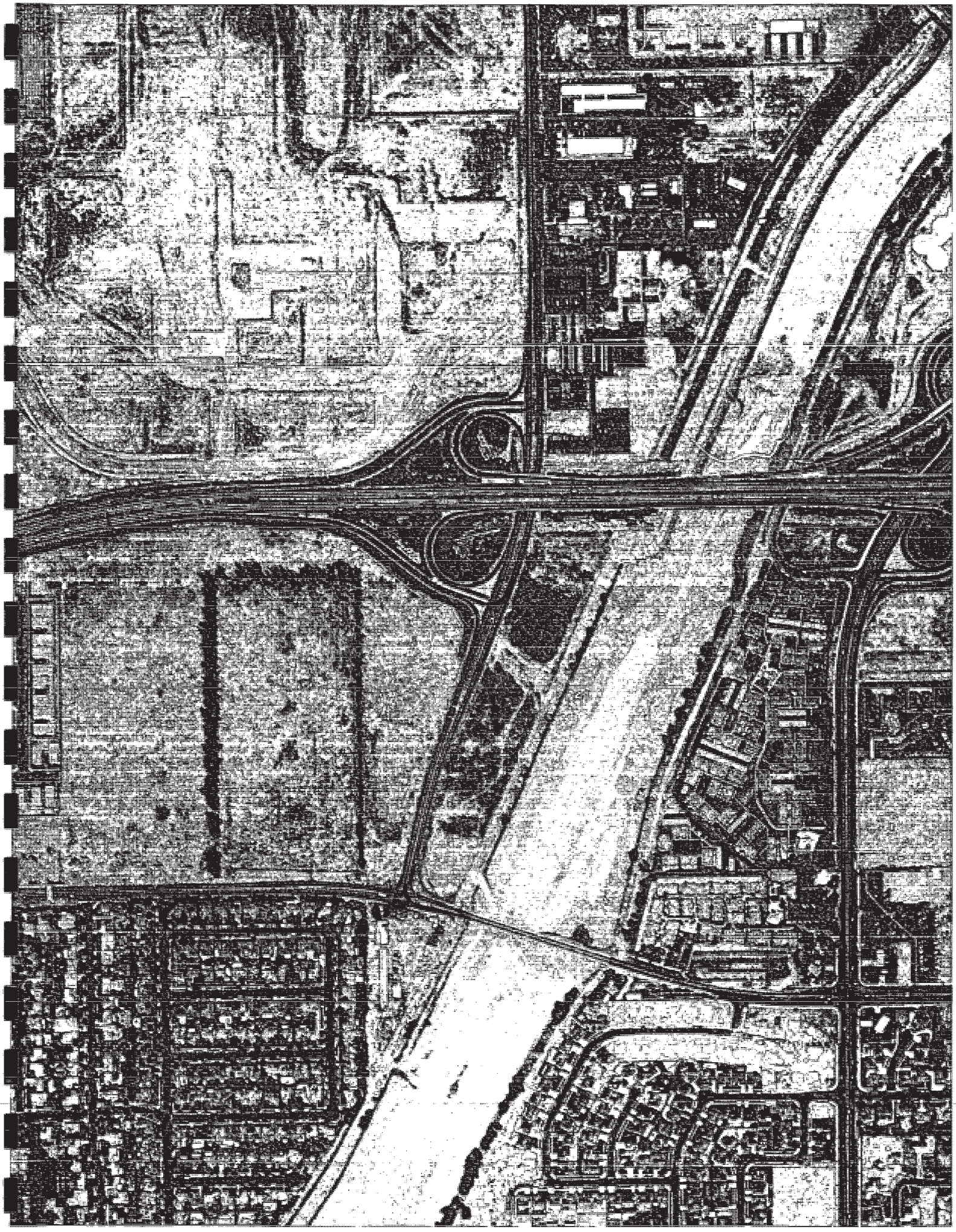

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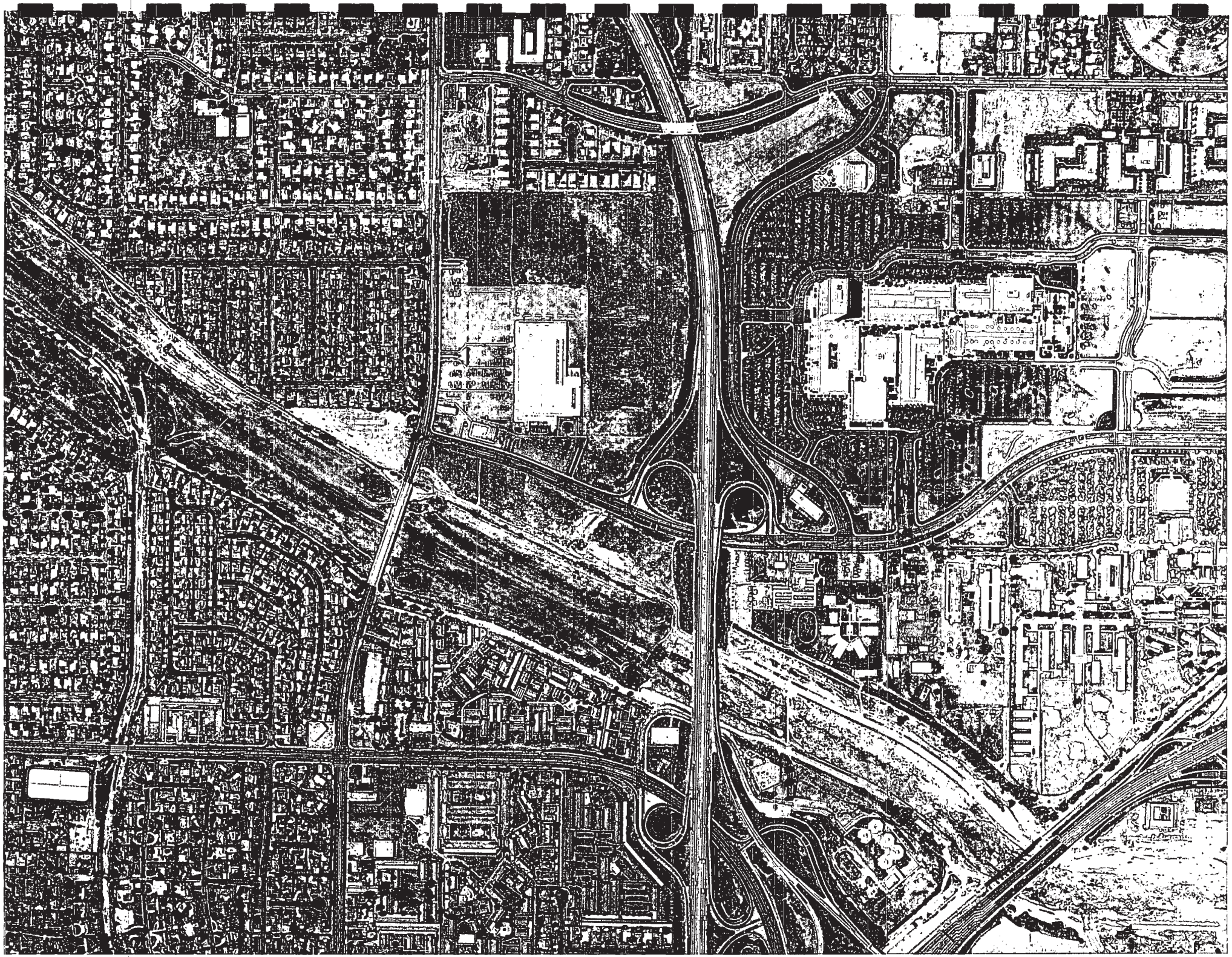

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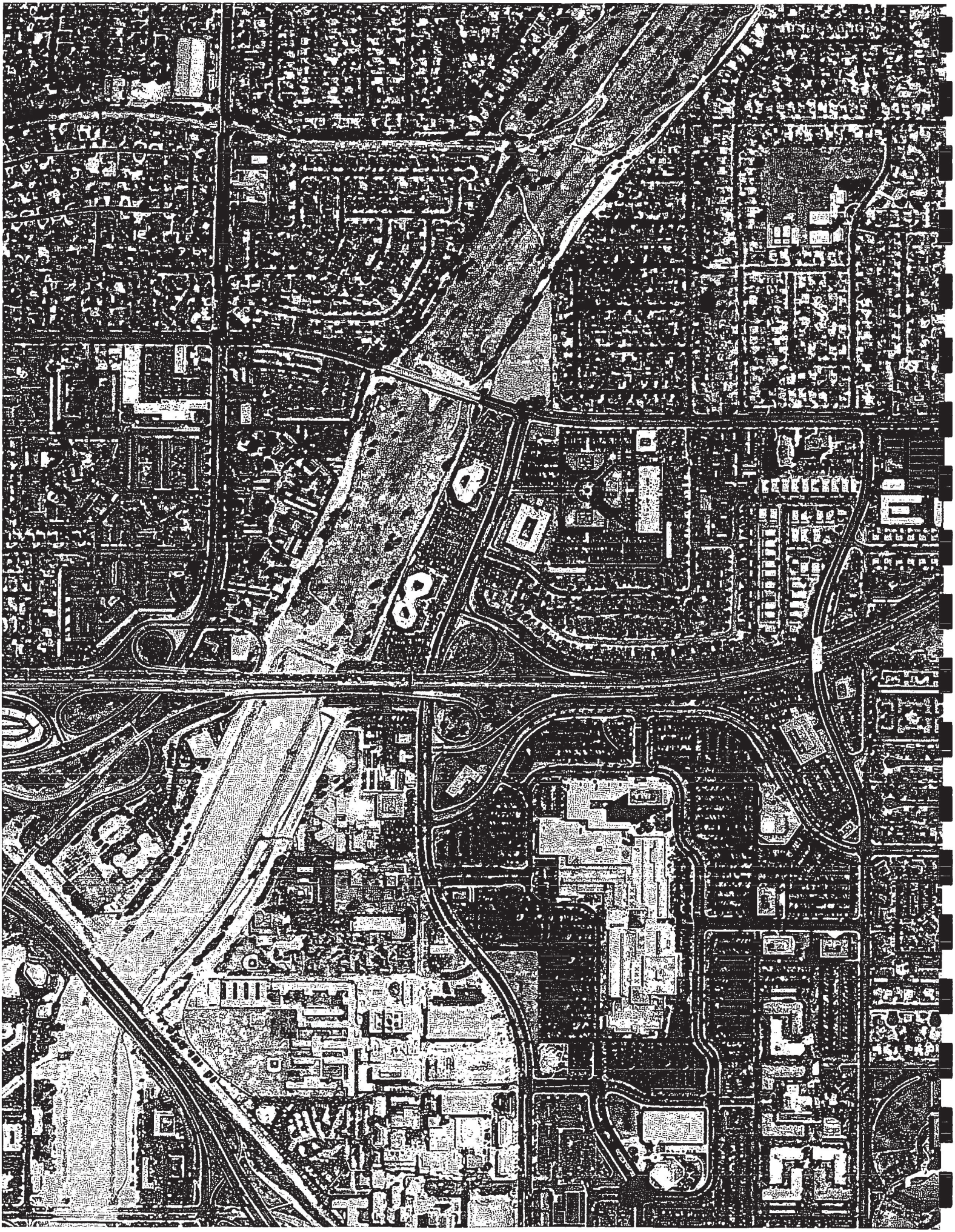

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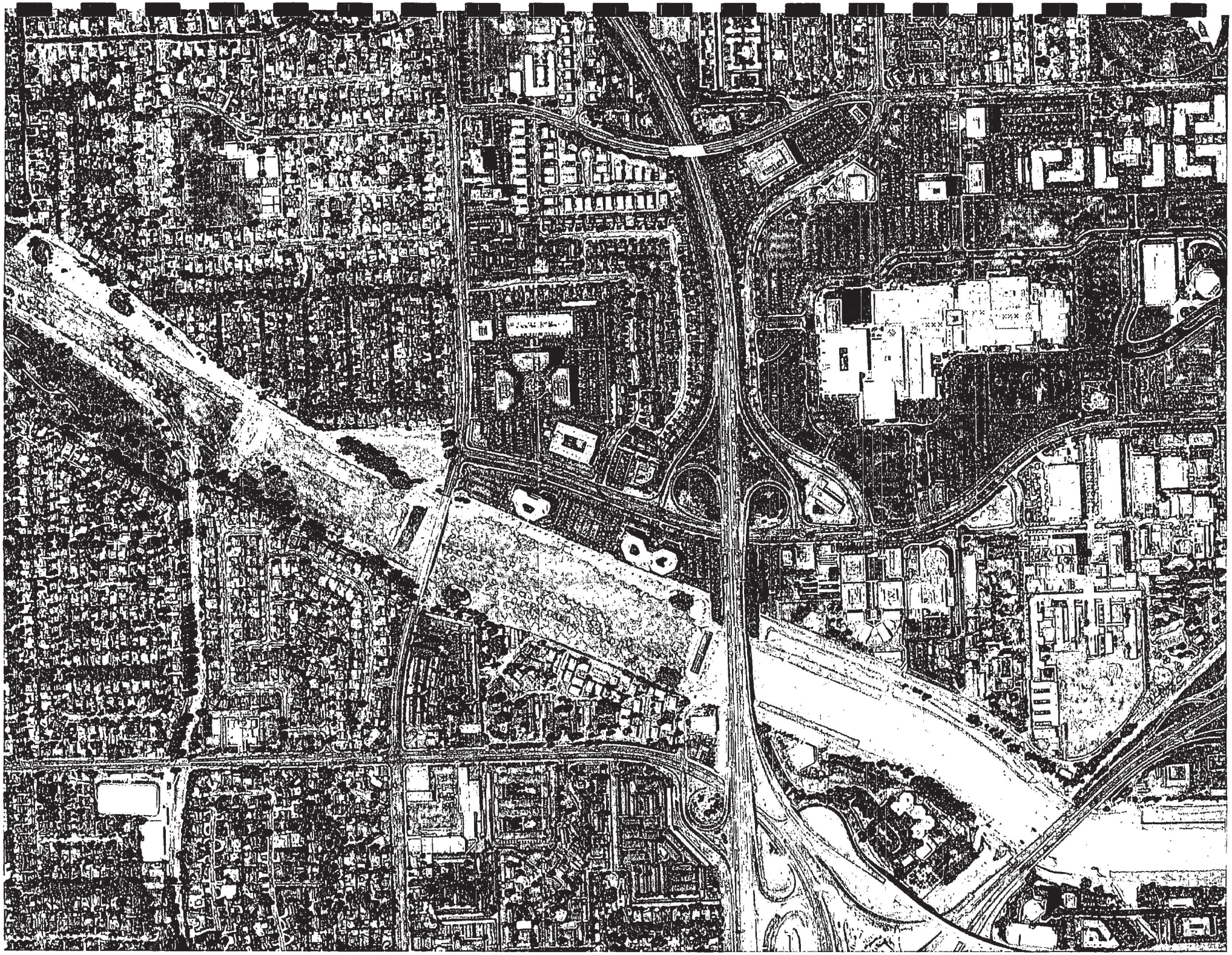

Inquiry# 19180275
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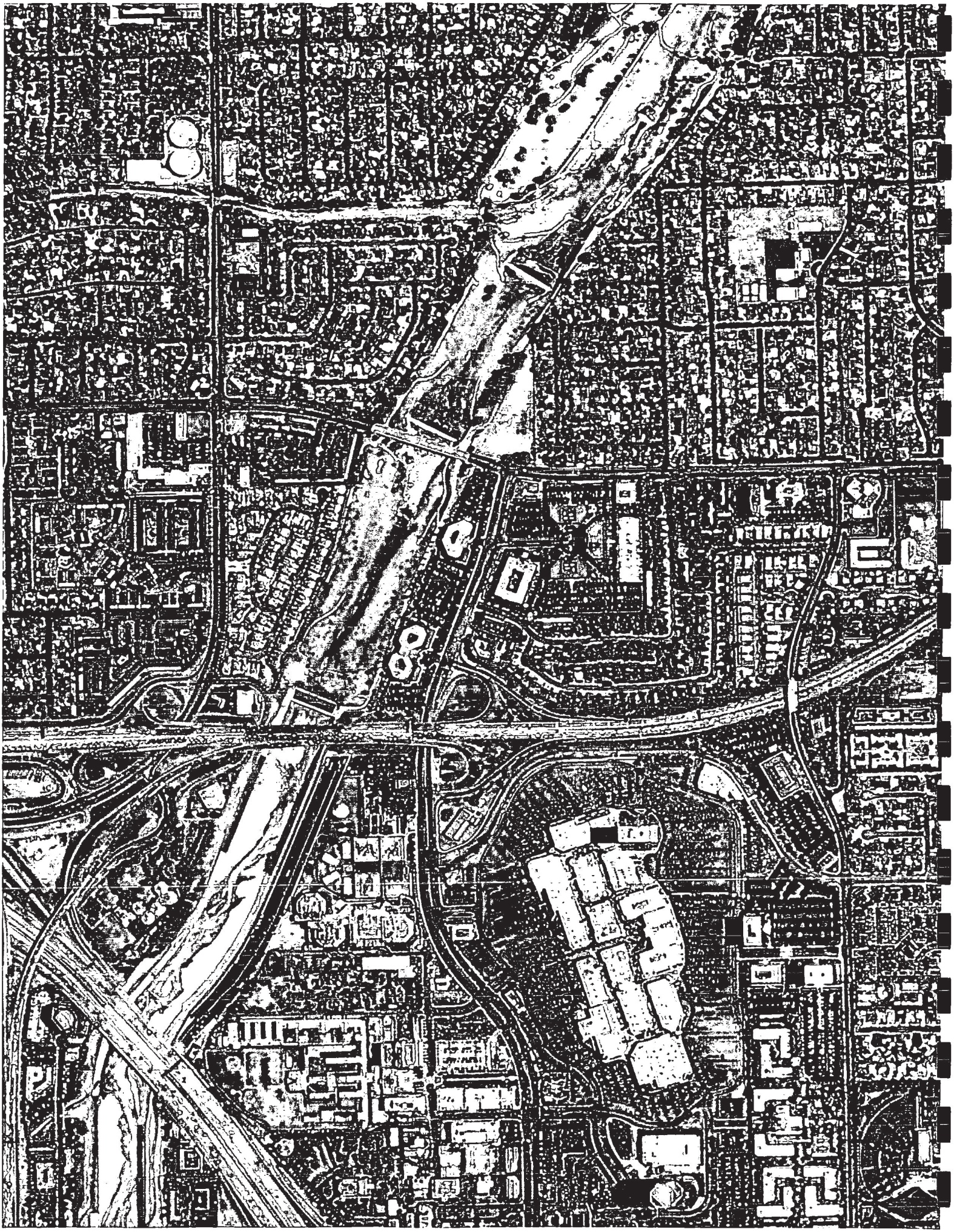
Flyer: USGS
Scale: 1"=666'





Inquiry# 1918027.5
Year: 2002
Flyer: USGS
Scale: 1"=666'



APPENDIX E

Agency Database Reports



The EDR-City Directory
Abstract

Manchester Complex Addition
595 The City Drive S
Orange, CA 92868

May 10, 2005

Inquiry Number: 1418027-7

The Standard In Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802

Environmental Data Resources, Inc.
City Directory Abstract

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist professionals in evaluating potential liability on a target property resulting from past activities. ASTM E 1527-00, Section 7.3 on Historical Use Information, identifies the prior use requirements for a Phase I environmental site assessment. The ASTM standard requires a review of *reasonably ascertainable standard historical sources. Reasonably ascertainable means information that is publicly available, obtainable from a source with reasonable time and cost constraints, and practically reviewable.*

To meet the prior use requirements of ASTM E 1527-00, Section 7.3.4, the following *standard historical sources* may be used: aerial photographs, fire insurance maps, property tax files, land title records (although these cannot be the sole historical source consulted), topographic maps, city directories, building department records, or zoning/land use records. ASTM E 1527-00 requires *"All obvious uses of the property shall be identified from the present, back to the property's obvious first developed use, or back to 1940, whichever is earlier. This task requires reviewing only as many of the standard historical sources as are necessary, and that are reasonably ascertainable and likely to be useful."* (ASTM E 1527-00, Section 7.3.2, page 12.)

EDR's City Directory Abstract includes a search and abstract of available city directory data.

City Directories
City directories have been published for cities and towns across the U.S. since the 1700s. Originally a list of residents, the city directory developed into a sophisticated tool for locating individuals and businesses in a particular urban or suburban area. Twentieth century directories are generally divided into three sections: a business index, a list of resident names and addresses, and a street index. With each address, the directory lists the name of the resident or, if a business is operated from this address, the name and type of business (if unclear from the name). While city directory coverage is comprehensive for major cities, it may be spotty for rural areas and small towns. ASTM E 1527-00 specifies that a *"review of city directories (standard historical sources) at less than approximately five year intervals is not required by this practice." (ASTM E 1527-00, Section 7.3.2.1, page 12.)*

NAICS (North American Industry Classification System) Codes
NAICS is a unique, all-new system for classifying business establishments. Adopted in 1997 to replace the prior Standard Industry Classification (SIC) system, it is the system used by the statistical agencies of the United States. It is the first economic classification system to be constructed based on a single economic concept. To learn more about the background, the development and difference between NAICS and SIC, visit the following Census website: http://www.census.gov/epcd/www/naicsdev.htm.

Please call EDR Nationwide Customer Service at
1-800-352-0050 (8am-8pm EST)
with questions or comments about your report.
Thank you for your business!

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4. SUMMARY

- ***City Directories:***

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2002. (These years are not necessarily inclusive.) A summary of the information obtained is provided in the text of this report.

This report compiles information by geocoding the subject properties (that is, plotting the latitude and longitude for such subject properties and obtaining data concerning properties within 1/8 of a mile of the subject properties). There is no warranty or guarantee that geocoding will report or list all properties within the specified radius of the subject properties and any such warranty or guarantee is expressly disclaimed. Accordingly, some properties within the aforementioned radius and the information concerning those properties may not be referenced in this report.

Date EDR Searched Historical Sources:
City Directories May 10, 2005

Target Property:
595 The City Drive S
Orange, CA 92868

PUR ID Year	*Uses*	*NAICS*	*Source*
-- 1920	Address not Listed in Research Source	N/A	Santa Ana Directory Co.
-- 1921	Address not Listed in Research Source	N/A	Western Directory Co.
-- 1922	Address not Listed in Research Source	N/A	Kaasen Directory Co.
-- 1925	Address not Listed in Research Source	N/A	Western Directory Co.
-- 1926	Address not Listed in Research Source	N/A	PACIFIC TELEPHONE
-- 1930	Address not Listed in Research Source	N/A	Western Directory Co.
-- 1936	Address not Listed in Research Source	N/A	Western Directory Co.
-- 1941	Address not Listed in Research Source	N/A	Southern California Telephone Co.
-- 1945	Address not Listed in Research Source	N/A	McCutcheon & Bragonier
-- 1946	Address not Listed in Research Source	N/A	Southern California Telephone Co.
-- 1950	Address not Listed in Research Source	N/A	The Pacific Telephone and Telegraph Co.
-- 1952	Address not Listed in Research Source	N/A	Luskeys Directory Service Co.
-- 1955	Address not Listed in Research Source	N/A	The Pacific Telephone and Telegraph Co.
-- 1956	Address not Listed in Research Source	N/A	Luskey Brothers & Co., Inc.
-- 1960	Address not Listed in Research Source	N/A	Luskey Brothers & Co.,
-- 1961	Address not Listed in Research Source	N/A	Luskey Brothers & Co.,
-- 1965	Address not Listed in Research Source	N/A	Ross Publications, Inc.,
-- 1966	Address not Listed in Research Source	N/A	PACIFIC TELEPHONE
-- 1970	Address not Listed in Research Source	N/A	Ross Publications
-- 1975	Address not Listed in Research Source	N/A	Luskeys Brothers & Co.
-- 1980	REAL ESTATE ILLUSTRATED (595)		Pacific Telephone
-- 1986	Address not Listed in Research Source	N/A	Pacific Bell
-- 1991	AUTOLAND INC (595)		Pacific Bell
	BRIGHTON HILL SYNDICATE (595)		
	FRANKLIN THRIFT & LOAN (595)		
	HQ HAIR REPLACEMENT CENTER (595)		
	INNOVATIVE IDEAS IN PRINT (595)		

PUR ID Year	Uses	NAICS	Source
1991 (continued)	VECTOR CUTCO MARKETING (595)		
-- 1992	Address not Listed in Research Source	N/A	Pacific Bell
-- 1995	Address not Listed in Research Source	N/A	Pacific Bell
-- 1997	Address not Listed in Research Source	N/A	Pacific Bell
-- 2001	Address not Listed in Research Source	N/A	PACIFIC TELEPHONE
-- 2002	Address not Listed in Research Source	N/A	PACIFIC TELEPHONE

Adjoining Properties

SURROUNDING
Multiple Addresses
Orange, CA 92868

PUR ID Year	Uses	NAICS	Source
1920	Address not Listed in Research Source	N/A	Santa Ana Directory Co.
1921	Address not Listed in Research Source	N/A	Western Directory Co.
1922	Address not Listed in Research Source	N/A	Kaasen Directory Co.
1925	Address not Listed in Research Source	N/A	Western Directory Co.
1926	Address not Listed in Research Source	N/A	PACIFIC TELEPHONE
1930	Address not Listed in Research Source	N/A	Western Directory Co.
1936	Address not Listed in Research Source	N/A	Western Directory Co.
1941	Address not Listed in Research Source	N/A	Southern California Telephone Co.
1945	Address not Listed in Research Source	N/A	McCutcheon & Bragonier
1946	Address not Listed in Research Source	N/A	Southern California Telephone Co.
1950	Address not Listed in Research Source	N/A	The Pacific Telephone and Telegraph Co.
1952	Address not Listed in Research Source	N/A	Luskeys Directory Service Co.
1955	Address not Listed in Research Source	N/A	The Pacific Telephone and Telegraph Co.
1956	Address not Listed in Research Source	N/A	Luskey Brothers & Co., Inc.
1960	Address not Listed in Research Source	N/A	Luskey Brothers & Co.,
1961	Address not Listed in Research Source	N/A	Luskey Brothers & Co.,
1965	Address not Listed in Research Source	N/A	Ross Publications, Inc.,
1966	Address not Listed in Research Source	N/A	PACIFIC TELEPHONE

PUR ID Year	Uses	NAICS	Source
1970	Address not Listed in Research Source	N/A	Ross Publications
1975	Address not Listed in Research Source	N/A	Luskeys Brothers & Co.
1980	**** S THE CLTY DR Addresses ****		Pacific Telephone
	JAM ASSOCIATES (630)		
	**** CITY BLVD E Addresses ****		
	FOOTLOCKER STORE (16)		
	HOUSE OF FABRICS (16)		
	HUNKY DORY T SHIRTS (16)		
	JASON COLLECTABLES (16)		
	ORANGE (16)		
	ORANGE STORES (16)		
	SIR WICKET CONTINUED (16)		
	I EARRLNGTREE (16)		
	FASHION CONSPIRACY (20)		
	FASHION COURIER INC (20)		
	LERNER SHOPS (20)		
	NANCY CRAIG (20)		
	PAPAS FAMOUS HOTDOGS (20)		
	RINGS OF GOLD (20)		
	SUNSHINE THE NATURAL ALTERNATIVE (20)		
	TOYS BY RILZI (20)		
	**** S THE CITY DR Addresses ****		
	ANIMAL CONTROL (561)		
	DOG LICENSING (561)		
	ORANGE COUNTY ANIMAL SHELTER (561)		
	JERRYS UNION SERVICE STATION (591)		
	AMDAHL COR P (630)		
	AMDAR INTERNATIONAL (630)		
	COMME RCIAL BANK OF CALIFORN IA TE (630)		
	COMMERCIAL ASSOCIATES INS INC (630)		
	DBI (630)		
	E & E SERVICES (630)		
	FROM DOWNEY TELEPHONES CALL (630)		
	IPS (630)		
	IPS REALTY (630)		
	KINSEL WILLIAM K & ACCOUNTANCY CORP (630)		
	MURDOCH & THOMAS CPA (630)		
	**** THE CITY DR N Addresses ****		
	ANIMAL SHELTER (561)		
	**** THE CITY DR Addresses ****		

PUR ID Year	Uses	NAICS	Source
1980 (continued)			
	JE RRY JON E S UN ION S E RVICE S TATI (591)		
	JERRY KOELLISCH CARPET & (591)		
	D L H CONSTRUCTION INC (630)		
1986	**** W METROPOLITAN DR Addresses ****		Pacific Bell
	ORANGE (3400)		
	**** CITY BLVD E Addresses ****		
	BOBS OLD FASHION ICE CREAM (16)		
	CARTOON JUN CTION (16)		
	CALHAWAIIAN FASHIONS (16)		
	CHINA KING RESTAURANTS (16)		
	HAROLDSONS COFFEE WORLD (16)		
	HOΓBRAU CITY (16)		
	ORANGE (16)		
	ORANGE (16)		
	ORANGE JULIUS (16)		
	ORANGE STORES (16)		
	STRIDE RITE BOOTERY (16)		
	C & J SHOES (20)		
	CRANDALL JOHN INC (20)		
	KAYBEE TOY & HOBBY SHOP (20)		
	LERNER SHOPS (20)		
	PAPAS FAMOUS HOTDOGS (20)		
	SUNSHINE (20)		
	THE CITY (20)		
	Unknown (20)		
1991	**** W METROPOLITAN DR Addresses ****		Pacific Bell
	ORANGE (3400)		
	**** CITY BLVD E Addresses ****		
	AIKO INTERNATIONAL (16)		
	ANIMAL HOUSE (16)		
	CRYSTAL CABARET (16)		
	FOOT LOCKER DISTRICT OFFICE (16)		
	FUNNY BUSLNESS (16)		
	FUNNY PILLS UNLIMITED @ORANGE@ (16)		
	HAROLDSONS COFFEE WORLD (16)		
	HATFIELD JEWELERS (16)		
	KIDS MART (16)		
	ONE HOUR PHOTO PRO (16)		
	ORANGE (16)		
	ORANGE JULIUS (16)		

PUR ID Year	Uses	NAICS	Source
1991 (continued)			
	PIERCING PAGODA INC (16)		
	PRO IMAGE (16)		
	RANDYS MENS WEAR (16)		
	STRIDE RITE BOOTERY (16)		
	THE CITY (16)		
	C & J SHOES FLORSHEIM (20)		
	CELINI FOR MEN (20)		
	CITY MALL (20)		
	JOHN CRANDALL JEWELERS (20)		
	KAY BEE TOY & HOBBY SHOP (20)		
	LERNER SHOPS (20)		
	MARKETING OFFICE (20)		
	MRS FIELDS COOKIES (20)		
	PAPAS FAMOUS HOTDOGS (20)		
	POST OFFICE (20)		
	ROCS (20)		
	TRUE GRITS CAFE (20)		
	UNGA BUNGA (20)		
	WESTMINSTER (20)		
	H TONIS CORP (27)		
	**** S THE CITY DR Addresses ****		
	JONES JERRY UNION SERVICE STATION (591)		
	JONES UNOCAL (591)		
	JERRYS UNION SERVICE STATION (591)		
	ACCREDITED REHABILITATION CONSULTANTS (625)		
	BDR (625)		
	BARB CHARLES D ATTORNEY AT LAW (625)		
	BIERLY & ASSOCIATES (625)		
	BILLING INFORMATION GROUP PLANS INDIVI (625)		
	BROOKS WILFRED ATTORNEY AT LAW (625)		
	CABRILLO COUNSELING MEDICAL GROUP (625)		
	COMPONENTS INC (625)		
	DE SANTIS JAMES J PH D (625)		
	FINANCIAL SERVICE RESOURCES INC (625)		
	FROM NORWALK TELEPHONES CALL (625)		
	GOODMAN STEPHEN E @FOUNTAIN VALLEY@ (625)		
	GOODMAN STEPHEN ATTY (625)		
	GREEN CAROLYN F ATTY (625)		
	GREENBERG FRED A ATTY (625)		
	HUGHES J MICHAEL ATTY AT LAW (625)		
	HEALTH MANAGEMENT CENTER INC (625)		
	HEALTH MANAGEMENT RESOURCES (625)		

PUR ID Year	Uses	NAICS	Source
1991 (continued)			
	HEALTH NET (625)		
	LAURA SCUDDERS INC (625)		
	M G INDUSTRIES INC (625)		
	MHBAR INVESTMENT (625)		
	MEAD JOHNSON (625)		
	MEAD JOHNSON (625)		
	MEAD JOHNSON PHARMACEUTICAL DIVISION (625)		
	MOTET GRIGORAS CRISTIANA N MD (625)		
	ORANGE REGIONAL OFFICE (625)		
	RAILSBACK JON D ATTY (625)		
	REALTY WORLD LICENSE SCHOOL (625)		
	REALTY WORLD OF SOUTHERN CALIFORNIA (625)		
	REALTY WORLD ORANGE COUNTY REGIONAL HE (625)		
	ROYCE COMPANY THE (625)		
	SADDLEBACK FINANCIAL SERVICES (625)		
	SILICON COMPILER SYSTEMS (625)		
	SIMGH KSEAN ANY (625)		
	SINGH KANWA BJ (625)		
	SOSNA MARILYN MD (625)		
	TRAMMEL CROW COMPANY (625)		
	TUKUA JUTE C ATTY (625)		
	VOLUME SHOE CORP (625)		
	WEST NINA E ATTY (625)		
	WILSHIRE GROUP INC (625)		
	R H BUDDING & MAINTENANCE (630)		
	RGS SERVICES INC (630)		
1992	Address not Listed in Research Source	N/A	Pacific Bell
1995	**** W METROPOLITAN DR Addresses ****		Pacific Bell
	ORANGE (3400)		
	**** CITY BLVD E Addresses ****		
	ANIMAL HOUSE (16)		
	BOBS OLD FASHION ICE CREAM (16)		
	CANDY LOVERS (16)		
	FOOT LOCKER DISTRICT OFFICE (16)		
	HAROLDSONS COFFEE WORLD (16)		
	KIDS MART (16)		
	KIDS MART (16)		
	ONE HOUR PHOTO PRO (16)		
	ORANGE (16)		
	ORANGE (16)		

PUR ID Year	Uses	NAICS	Source
1995 (continued)			
	ORANGE JULIUS (16)		
	PIZZAZZ FASHIONS (16)		
	THE CITY SHOPPING CENTER (16)		
	TIC TIME (16)		
	BROADWAY ON TOUR (20)		
	CELINI FOR MEN (20)		
	CITE CAFE (20)		
	MARKETING OFFICE (20)		
	MRS FIELDS COOKIES (20)		
	PAPAS FAMOUS HOTDOGS (20)		
	WESTMINSTER CONTD (20)		
1997	Address not Listed in Research Source	N/A	Pacific Bell
2001	**** CITY BLVD E Addresses ****		PACIFIC TELEPHONE
	CARLSJR (16)		
	XXXX (20)		
2002	Address not Listed in Research Source	N/A	PACIFIC TELEPHONE

EDR™ Environmental Data Resources Inc

"Linking Technology with Tradition"®

Sanborn® Map Report

Ship To: James Fortuna
County of Orange/RDMD
1750 S. Douglas Road
Anaheim, CA 92806

Order Date: 5/9/2005 **Completion Date:** 5/9/2005
Inquiry #: 1418027.3
P.O. #: N1000006539
Site Name: Manchester Complex Addition
Address: 595 The City Drive
City/State: Orange, CA 92868
Cross Streets:

Customer Project: EC29487
1015673TIM 714-567-6307

This document reports that the largest and most complete collection of Sanborn fire insurance maps has been reviewed based on client supplied information, and fire insurance maps depicting the target property at the specified address were not identified.

NO COVERAGE

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The EDR Radius Map
with GeoCheck®

Manchester Complex Addition
595 The City Drive
Orange, CA 92868

Inquiry Number: 1418027.2s

May 09, 2005

EDR Environmental Data Resources Inc

The Standard in Environmental Risk Management Information

440 Wheelers Farms Road
Milford, Connecticut 06460

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

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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 meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

595 THE CITY DRIVE
ORANGE, CA 92868

COORDINATES

Latitude (North):	33.779300 - 33° 46' 45.5"
Longitude (West):	117.888800 - 117° 53' 19.7"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	417706.5
UTM Y (Meters):	3737846.8
Elevation:	126 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	33117-G8 ANAHEIM, CA
Source:	USGS 7.5 min quad index

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 ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRA-TSDF..... Resource Conservation and Recovery Act Information
RCRA-LQG..... Resource Conservation and Recovery Act Information
ERNS..... Emergency Response Notification System

STATE ASTM STANDARD

AWP..... Annual Workplan Sites

EXECUTIVE SUMMARY

Cal-Sites..... Calsites Database
CHMIRS..... California Hazardous Material Incident Report System
Notify 65..... Proposition 65 Records
Toxic Pits..... Toxic Pits Cleanup Act Sites
SWF/LF..... Solid Waste Information System
WMUDS/SWAT..... Waste Management Unit Database
CA BOND EXP. PLAN..... Bond Expenditure Plan
UST..... List of Underground Storage Tank Facilities
VCP..... Voluntary Cleanup Program Properties
INDIAN UST..... Underground Storage Tanks on Indian Land
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
CA FID UST..... Facility Inventory Database

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
FINDS..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
UMTRA..... Uranium Mill Tailings Sites
US ENG CONTROLS..... Engineering Controls Sites List
ODI..... Open Dump Inventory
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
INDIAN RESERV..... Indian Reservations
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
SSTS..... Section 7 Tracking Systems
FTTS INSP..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST..... Aboveground Petroleum Storage Tank Facilities
CLEANERS..... Cleaner Facilities
CA WDS..... Waste Discharge System
DEED..... Deed Restriction Listing
SCH..... School Property Evaluation Program
REF..... Unconfirmed Properties Referred to Another Agency
WIP..... Well Investigation Program Case List
EMI..... Emissions Inventory Data
NFA..... No Further Action Determination
NFE..... Properties Needing Further Evaluation
CA SLIC..... Statewide SLIC Cases
HAZNET..... Facility and Manifest Data
Orange Co. Industrial Site..... List of Industrial Site Cleanups

BROWNFIELDS DATABASES

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

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls
VCP..... Voluntary Cleanup Program Properties

EDR PROPRIETARY HISTORICAL DATABASES

See the EDR Proprietary Historical Database Section for details

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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.

FEDERAL ASTM STANDARD

RCRAInfo: 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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System(RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. 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.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/13/2005 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CITY MALL THE	***1 CITY BLVD***	***1/8 - 1/4 W***	***9***	***17***

STATE ASTM STANDARD

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California

EXECUTIVE SUMMARY

Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 7 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CITY SHOPPING CENTER	3400 METROPOLITAN DR	1/8 - 1/4 N	B5	12
GSA SERVICE STATION #2	***485 THE CITY DRIVE SOUT***	***1/8 - 1/4 N***	***C6***	***12***
UNOCAL #5618	***591 THE CITY DR***	***1/4 - 1/2 NE***	***11***	***19***
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
NEXUS CITY SQUARE	***770 THE CITY DRIVE SOUT***	***1/8 - 1/4 SSW***	***8***	***15***
THRIFTY OIL #375	***2940 BRISTOL ST***	***1/4 - 1/2 SE***	***12***	***22***
EXXON SERVICE STATION #33	***2910 BRISTOL***	***1/4 - 1/2 SE***	***D13***	***24***
MOBIL #18-HEP	***2921 BRISTOL ST***	***1/4 - 1/2 SE***	***D14***	***26***

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 01/10/2005 has revealed that there are 11 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
PARK CITY CENTER	630 THE CITY	0 - 1/8 N	A1	6
FORMER BRIDGESTONE FIRESTONE	3400 METROPOLITAN DR	1/8 - 1/4 N	B4	10
GSA SERVICE STATION #2	***485 THE CITY DRIVE SOUT***	***1/8 - 1/4 N***	***C6***	***12***
CHEVRON #9-1660	3048 BRISTOL ST	1/4 - 1/2 ESE	10	17
UNOCAL #5618	***591 THE CITY DR***	***1/4 - 1/2 NE***	***11***	***19***
Lower Elevation	**Address**	**Dist / Dir**	**Map ID**	**Page**
NEXUS CITY SQUARE	***770 THE CITY DRIVE SOUT***	***1/8 - 1/4 SSW***	***8***	***15***
THRIFTY OIL #375	***2940 BRISTOL ST***	***1/4 - 1/2 SE***	***12***	***22***
EXXON SERVICE STATION #33	***2910 BRISTOL***	***1/4 - 1/2 SE***	***D13***	***24***
MOBIL #18-HEP	***2921 BRISTOL ST***	***1/4 - 1/2 SE***	***D14***	***26***
CHEVRON #9-8787	2702 BRISTOL ST	1/4 - 1/2 SSE	E15	30
EXXON SERVICE STATION #3843	2701 BRISTOL ST	1/4 - 1/2 SSE	E16	32

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 3 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
WESTERN NATIONAL PROPERTIES	630 THE CITY DR S # 200	0 - 1/8 N	A2	8
FIRESTONE STORE	3400 W METROPOLITAN DR	1/8 - 1/4 N	B3	9
GSA/TRANSPORTATION SERVICE STA	485 THE CITY DR S	1/8 - 1/4 N	C7	14

EXECUTIVE SUMMARY

EDR PROPRIETARY HISTORICAL DATABASES

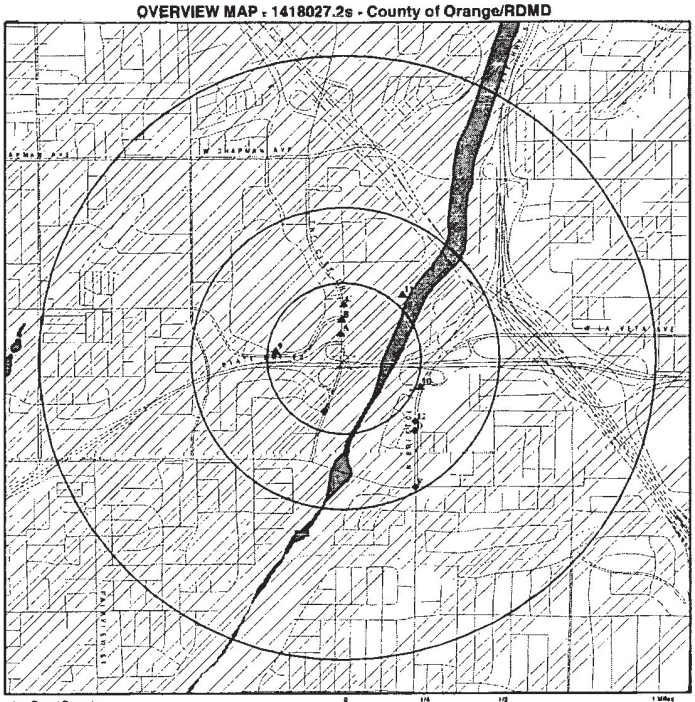
See the EDR Proprietary Historical Database Section for details

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
LA VETA #2 BURN DUMP	CERCLIS
DEL RIO IDEFO	SWF/LF
R. J. NOBLE COMPANY	SWF/LF, AST
CITY OF ORANGE SANTIAGO CREEK LANDFILL	SWF/LF
THEO LACY JAIL EXPANSION	UST
NEXUS CITY SQUARE	UST

OVERVIEW MAP - 1418027.2s - County of Orange/RDMD



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

TARGET PROPERTY:	Manchester Complex Addition	CUSTOMER:	County of Orange/RDMD
ADDRESS:	595 The City Drive	CONTACT:	James Fortuna
CITY/STATE/ZIP:	Orange CA 92868	INQUIRY #:	1418027.2s
LAT/LONG:	33.7793 / 117.8888	DATE:	May 09, 2005 8:18 pm

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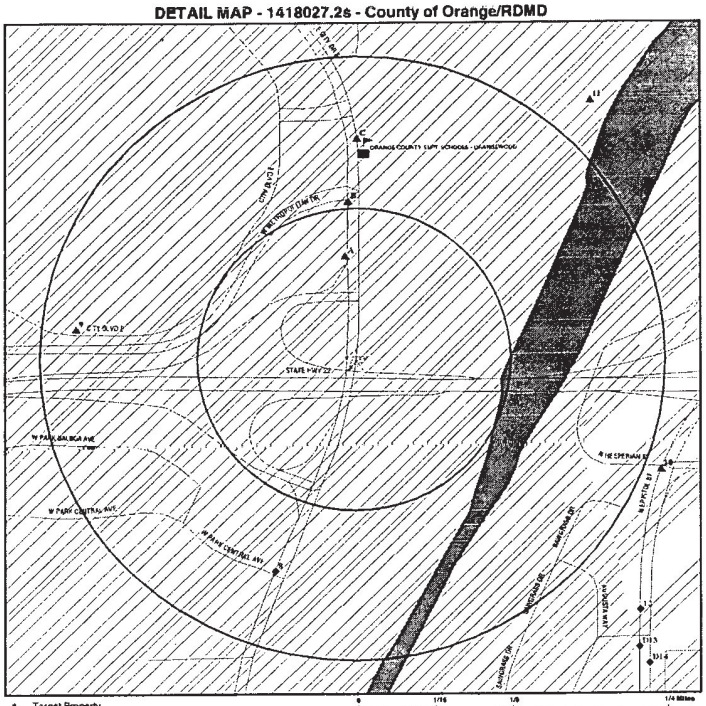
DETAIL MAP - 1418027.2s - County of Orange/RDMD



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Coal Gasification Sites
- Historical Gas Stations / Historical Dry Cleaners See the EDR Proprietary Historical Map Findings
- Sensitive Receptors
- National Priority List Sites
- Landfill Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Oil & Gas pipelines
- 100-year flood zone
- 500-year flood zone
- Areas of Concern

TARGET PROPERTY:	Manchester Complex Addition	CUSTOMER:	County of Orange/RDMD
ADDRESS:	595 The City Drive	CONTACT:	James Fortuna
CITY/STATE/ZIP:	Orange CA 92868	INQUIRY #:	1418027.2s
LAT/LONG:	33.7793 / 117.8888	DATE:	May 09, 2005 8:18 pm

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MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	1	NR	NR	NR	1
ERNS		TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	0	0	0	NR	0
CHMIRS		TP	NR	NR	NR	NR	NR	0
Cortese		0.500	0	3	4	NR	NR	7
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST		0.500	1	3	7	NR	NR	11
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
UST		0.250	0	0	NR	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
INDIAN LUST		0.500	0	0	0	NR	NR	0
CA FID UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	1	2	NR	NR	NR	3
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
FUDS		1.000	0	0	0	0	NR	0
DOD		1.000	0	0	0	0	NR	0
INDIAN RESERV		1.000	0	0	0	0	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
SSTS		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
AST		TP	NR	NR	NR	NR	NR	0
CLEANERS		0.250	0	0	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
DEED		0.500	0	0	0	NR	NR	0
SCH		0.250	0	0	NR	NR	NR	0
REF		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
EMI		TP	NR	NR	NR	NR	NR	0
NFA		0.250	0	0	NR	NR	NR	0
NFE		0.250	0	0	NR	NR	NR	0
SLIC		0.500	0	0	0	NR	NR	0
HAZNET		TP	NR	NR	NR	NR	NR	0
Orange Co. Industrial Site		TP	NR	NR	NR	NR	NR	0
EDR PROPRIETARY HISTORICAL DATABASES								
Gas Stations/Dry Cleaners		0.250	0	0	NR	NR	NR	0
Coal Gas		1.000	0	0	0	0	NR	0
BROWNFIELDS DATABASES								
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0

NOTES:

See the EDR Proprietary Historical Database Section for details

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **PARK CITY CENTER** LUST S102769841
North **630 THE CITY** N/A
< 1/8 **ORANGE, CA 92668**
456 ft.

Site 1 of 2 in cluster A

Relative: Equal

Actual: 126 ft.

State LUST:
Cross Street: Not reported
Qty Leaked: 0
Case Number: 0830030467
Reg Board: 8
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 30000L
Case Type: Soil only
Status: Case Closed
Review Date: Not reported — Confirm Leak: Not reported
Workplan: Not reported — Prelim Assess.: Not reported
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1998-04-24 00:00:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : Not reported
Funding: Not reported
Staff Initials: KC
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Lnd Cause: Unknown
Leak Source: Unknown
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE,Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: MUN
Staff : NOM
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : Not reported
Work Suspended :Not reported
Responsible PartyROMAN SCHATT
RP Address: 12141 LEWIS ST
Global Id: T0605902079
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported

PARK CITY CENTER (Continued) S102769841

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 11/14 EDR;12/12WP; MTBE DATE 4/20/98.

LUST Region 8:
Region: 8 — Cross Street: Not reported
Regional Board: 08
Local Case Num: 97UT047
Facility Status: Case Closed
Staff: NOM
Facility Contact: Not reported
Lead Agency: Local Agency
Local Agency: 30000L
Qty Leaked: 0
County: Orange
Cleanup Fund Id : Not reported
Review Date: Not reported — Confirm Leak: Not reported
Workplan: Not reported — Prelim Assess: Not reported
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: Not reported — Monitoring: Not reported
Close Date: 4/24/1998
Discover Date : 10/27/1997
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : Not reported
Funding: Not reported
Staff Initials: KC
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Lat/Lon : 33.7790686 / -117.8890696
Leak Cause: Unknown
Leak Source: Unknown
Beneficial: MUN
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Oversight Prgm : LUST
Global ID: T0605902079
Organization Name: Not reported
Priority : Not reported
Work Suspended :Not reported
MTBE Class: *
Case Type: S
How Stopped Date: 9/9/9999
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 0830030467
Substance: 8006619
Staff: NOM
Summary : Not reported

PARK CITY CENTER (Continued) S102769841

LUST Region OR:
Facility Id: 97UT047
Record ID: RO0002197
Region: ORANGE
Case Type: Soil Only
Date Closed: 04/24/1998
Current Status: 9
Released Substance : Gasoline-Automotive (motor gasoline and additives), leaded & unleaded

A2 **WESTERN NATIONAL PROPERTIES** HIST UST U001577695
North **630 THE CITY DR S # 200** N/A
< 1/8 **ORANGE, CA 92668**
456 ft.

Site 2 of 2 in cluster A

Relative: Equal

Actual: 126 ft.

UST HIST:
Facility ID: 65555 — Owner Name: WESTERN NATIONAL PROPERTIES
Total Tanks: 3 — Region: STATE
Owner Address: 630 THE CITY DRIVE
ORANGE, CA 92668
Tank Used for: PRODUCT
Tank Num: 1 — Container Num: 1
Tank Capacity: 00004000 — Year Installed: 1980
Type of Fuel: 06 — Tank Construction: Not Reported
Leak Detection: Visual, Stock Inventor, Pressure Test
Contact Name: PETER L. JACOBS — Telephone: (714) 971-4747
Facility Type: Other — Other Type: REAL ESTATE DEVELOPM

Facility ID: 65555 — Owner Name: WESTERN NATIONAL PROPERTIES
Total Tanks: 3 — Region: STATE
Owner Address: 630 THE CITY DRIVE
ORANGE, CA 92668
Tank Used for: PRODUCT
Tank Num: 2 — Container Num: 3
Tank Capacity: 00004000 — Year Installed: 1980
Type of Fuel: 06 — Tank Construction: Not Reported
Leak Detection: Visual, Stock Inventor
Contact Name: PETER L. JACOBS — Telephone: (714) 971-4747
Facility Type: Other — Other Type: REAL ESTATE DEVELOPM

Facility ID: 65555 — Owner Name: WESTERN NATIONAL PROPERTIES
Total Tanks: 3 — Region: STATE
Owner Address: 630 THE CITY DRIVE
ORANGE, CA 92668
Tank Used for: PRODUCT
Tank Num: 3 — Container Num: 2
Tank Capacity: 00004000 — Year Installed: 1980
Type of Fuel: 06 — Tank Construction: Not Reported
Leak Detection: Visual, Stock Inventor
Contact Name: PETER L. JACOBS — Telephone: (714) 971-4747
Facility Type: Other — Other Type: REAL ESTATE DEVELOPM

B3 **FIRESTONE STORE** HIST UST U001577659
North **3400 W METROPOLITAN DR** N/A
1/8-1/4 **ORANGE, CA 92668**
694 ft.

Site 1 of 3 in cluster B

Relative: Equal

Actual: 126 ft.

UST HIST:
Facility ID: 31831 — Owner Name: FIRESTONE TIRE & RUBBER CO.
Total Tanks: 4 — Region: STATE
Owner Address: 1200 FIRESTONE PARKWAY
AKRON, OH 44317
Tank Used for: WASTE
Tank Num: 1 — Container Num: 1
Tank Capacity: 00000000 — Year Installed: Not reported
Type of Fuel: WASTE OIL — Tank Construction: Not Reported
Leak Detection: None
Contact Name: LARRY RANG — Telephone: (714) 634-0597
Facility Type: Other — Other Type: AUTO SERVICE CENTER

Facility ID: 31831 — Owner Name: FIRESTONE TIRE & RUBBER CO.
Total Tanks: 4 — Region: STATE
Owner Address: 1200 FIRESTONE PARKWAY
AKRON, OH 44317
Tank Used for: PRODUCT
Tank Num: 2 — Container Num: 2
Tank Capacity: 00000000 — Year Installed: Not reported
Type of Fuel: UNLEADED — Tank Construction: Not Reported
Leak Detection: None
Contact Name: LARRY RANG — Telephone: (714) 634-0597
Facility Type: Other — Other Type: AUTO SERVICE CENTER

Facility ID: 31831 — Owner Name: FIRESTONE TIRE & RUBBER CO.
Total Tanks: 4 — Region: STATE
Owner Address: 1200 FIRESTONE PARKWAY
AKRON, OH 44317
Tank Used for: PRODUCT
Tank Num: 3 — Container Num: 3
Tank Capacity: 00000000 — Year Installed: Not reported
Type of Fuel: REGULAR — Tank Construction: Not Reported
Leak Detection: None
Contact Name: LARRY RANG — Telephone: (714) 634-0597
Facility Type: Other — Other Type: AUTO SERVICE CENTER

Facility ID: 31831 — Owner Name: FIRESTONE TIRE & RUBBER CO.
Total Tanks: 4 — Region: STATE
Owner Address: 1200 FIRESTONE PARKWAY
AKRON, OH 44317
Tank Used for: PRODUCT
Tank Num: 4 — Container Num: 4
Tank Capacity: 00000000 — Year Installed: Not reported
Type of Fuel: REGULAR — Tank Construction: Not Reported
Leak Detection: None
Contact Name: LARRY RANG — Telephone: (714) 634-0597
Facility Type: Other — Other Type: AUTO SERVICE CENTER

B4 **FORMER BRIDGESTONE FIRESTONE** LUST S103444603
North **3400 METROPOLITAN DR** N/A
1/8-1/4 **ORANGE, CA 92868**
694 ft.

Site 2 of 3 in cluster B

Relative: Equal

Actual: 126 ft.

State LUST:
Cross Street: Not reported
Qty Leaked: 0
Case Number 083003009T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Local Agency
Local Agency : 30000L
Case Type: Other ground water affected
Status: Case Closed
Review Date: Not reported — Confirm Leak: Not reported
Workplan: Not reported — Prelim Assess: Not reported
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2002-09-27 00:00:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : Not reported
Funding: Not reported
Staff Initials: AR
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Leak Cause: Unknown
Leak Source: Unknown
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: MUN
Staff : VJJ
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: Not reported
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : Not reported
Work Suspended Not reported
Responsible Party DEBRA J HAMLIN
RP Address: 333 E LAKE STREET
Global Id: T0605902055
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported

FORMER BRIDGESTONE FIRESTONE (Continued) S103444603

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 11/14 EDR;12/12WP; MTBE DATE 4/20/98.

LUST Region 8:
Region: 8 — Cross Street: Not reported
Regional Board: 08
Local Case Num: 98UT074
Facility Status: Case Closed
Staff: VJJ
Facility Contact: Not reported
Lead Agency: Local Agency
Local Agency: 30000L
Qty Leaked: 0
County: Orange
Cleanup Fund Id : Not reported
Review Date: Not reported — Confirm Leak: Not reported
Workplan: Not reported — Prelim Assess: Not reported
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: Not reported — Monitoring: Not reported
Close Date: 9/27/2002
Discover Date : 12/14/1984
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : Not reported
Funding: Not reported
Staff Initials: AR
How Discovered: Tank Closure
How Stopped: Close Tank
Interim : Not reported
Lat/Lon : 33.7613836 / -117.8886677
Leak Cause: Unknown
Leak Source: Unknown
Beneficial: MUN
MTBE Date : 3/12/2002
MTBE Tested : YES
Max MTBE GW : 0
GW Qualifies : ND
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: Not reported
Oversight Prgm : LUST
Global ID: T0605902055
Organization Name: Not reported
Priority : Not reported
Work Suspended Not reported
MTBE Class: *
Case Type: O
How Stopped Date: 9/9/9999
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083003009T
Substance: 6006619
Staff: VJJ
Summary : Not reported

FORMER BRIDGESTONE FIRESTONE (Continued) S103444603

LUST Region OR:
Facility Id: 98UT074
Record ID: RO0002438
Region: ORANGE
Case Type: Other Ground Water
Date Closed: 09/27/2002
Current Status: 9
Released Substance : Gasoline-Automotive (motor gasoline and additives), leaded & unleaded

B5 **CITY SHOPPING CENTER** Cortese S104758490
North **3400 METROPOLITAN DR** N/A
1/8-1/4 **ORANGE, CA 92868**
694 ft.

Site 3 of 3 in cluster B

Relative: Equal

Actual: 126 ft.

CORTESE:
Region: CORTESE
Fac Address 2: 3400 METROPOLITAN DR

C6 **GSA SERVICE STATION #2** LUST S105025364
North **485 THE CITY DRIVE SOUTH** Cortese N/A
1/8-1/4 **ORANGE, CA 92668**
965 ft.

Site 1 of 2 in cluster C

Relative: Higher

Actual: 127 ft.

State LUST:
Cross Street: JUSTICE CENTER
Qty Leaked: Not reported
Case Number 083002159T
Reg Board: 8
Chemical: Unleaded Gasoline
Lead Agency: Local Agency
Local Agency : 30030
Case Type: Soil only
Status: Preliminary site assessment underway
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Review Date: 1992-09-08 00:00:00 — Confirm Leak: 1992-09-08 00:00:00
Workplan: 1993-11-12 00:00:00 — Prelim Assess: 1993-11-12 00:00:00
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: 1992-12-08 00:00:00
Monitoring: Not reported
Close Date: 1992-12-16 00:00:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1992-12-24 00:00:00
Funding: Not reported
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : Not reported
Max MTBE GW : Not reported

GSA SERVICE STATION #2 (Continued) S105025364

MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : NOM
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Operator : Not reported
Oversight Prgm: LUST
Review Date : 1993-01-19 00:00:00
Stop Date : Not reported
Work Suspended Not reported
Responsible Party GENERAL SERVICES AGENCY
RP Address: 1143 E. FRUIT ST , SANTA ANA CA 92701
Global Id: T0605901598
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 11/14 EDR;12/12WP; MTBE DATE 4/20/98.

LUST Region 8:
Region: 8 — Cross Street: JUSTICE CENTER
Regional Board: 08
Local Case Num: Not reported
Facility Status: Preliminary site assessment underway
Staff: NOM
Facility Contact: Not reported
Lead Agency: Local Agency
Local Agency: 30030
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Qty Leaked: Not reported
County: Orange
Cleanup Fund Id : Not reported
Review Date: 9/8/1992 — Confirm Leak: 9/8/1992
Workplan: 11/12/1993 — Prelim Assess: 11/12/1993
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: Not reported — Monitoring: Not reported
Close Date: 12/16/1992
Discover Date : 9/8/1992
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 12/24/1992
Funding: Not reported
Staff Initials: UNK
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.7805586 / -117.8886166
Leak Cause: UNK

GSA SERVICE STATION #2 (Continued) — S105025364

Leak Source: UNK
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Oversight Prgm : LUST
Global ID: T0605901598
Organization Name: Not reported
Priority : Not reported
Work Suspended Not reported
MTBE Class: *
Case Type: 3
How Stopped Date: 9/4/1993
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083002159T
Substance: 12031
Staff: NOM
Summary : Not reported

CORTESE:
Region: CORTESE
Fac Address 2: 460 THE CITY DRIVE SOUTH

C7 / North / 1/8-1/4 / 965 ft. / Relative: Higher / Actual: 127 ft. — **GSA/TRANSPORTATION SERVICE STA** — HIST UST U001577663 / N/A
485 THE CITY DR S
ORANGE, CA 92668

Site 2 of 2 in cluster C

UST HIST:
Facility ID: 11656 — Owner Name: COUNTY OF ORANGE-GSA/TRANSPORT
Total Tanks: 4 — Region: STATE
Owner Address: 445 CIVIC CENTER DRIVE WEST
SANTA ANA, CA 92701
Tank Used for: PRODUCT
Tank Num: 1 — Container Num: 21
Tank Capacity: 00005000 — Year Installed: 1962
Type of Fuel: UNLEADED — Tank Construction: Not Reported
Leak Detection: None
Contact Name: ED FINN — Telephone: (714) 834-2512
Facility Type: Gas Station — Other Type: Not reported

Facility ID: 11656 — Owner Name: COUNTY OF ORANGE-GSA/TRANSPORT
Total Tanks: 4 — Region: STATE
Owner Address: 445 CIVIC CENTER DRIVE WEST
SANTA ANA, CA 92701
Tank Used for: PRODUCT
Tank Num: 2 — Container Num: 22
Tank Capacity: 00005000 — Year Installed: 1962
Type of Fuel: UNLEADED — Tank Construction: Not Reported
Leak Detection: None
Contact Name: ED FINN — Telephone: (714) 834-2512
Facility Type: Gas Station — Other Type: Not reported

GSA/TRANSPORTATION SERVICE STA (Continued) — U001577663

Facility ID: 11656 — Owner Name: COUNTY OF ORANGE-GSA/TRANSPORT
Total Tanks: 4 — Region: STATE
Owner Address: 445 CIVIC CENTER DRIVE WEST
SANTA ANA, CA 92701
Tank Used for: PRODUCT
Tank Num: 3 — Container Num: 23
Tank Capacity: 00006000 — Year Installed: 1962
Type of Fuel: UNLEADED — Tank Construction: Not Reported
Leak Detection: None
Contact Name: ED FINN — Telephone: (714) 834-2512
Facility Type: Gas Station — Other Type: Not reported

Facility ID: 11656 — Owner Name: COUNTY OF ORANGE-GSA/TRANSPORT
Total Tanks: 4 — Region: STATE
Owner Address: 445 CIVIC CENTER DRIVE WEST
SANTA ANA, CA 92701
Tank Used for: WASTE
Tank Num: 4 — Container Num: 24
Tank Capacity: 00000500 — Year Installed: 1962
Type of Fuel: WASTE OIL — Tank Construction: Not Reported
Leak Detection: None
Contact Name: ED FINN — Telephone: (714) 834-2512
Facility Type: Gas Station — Other Type: Not reported

8 / SSW / 1/8-1/4 / 986 ft. / Relative: Lower / Actual: 122 ft. — **NEXUS CITY SQUARE** — LUST S105025365 / Cortese N/A
770 THE CITY DRIVE SOUTH
ORANGE, CA 92618

State LUST:
Cross Street: GARDEN GROVE
Qty Leaked: Not reported
Case Number 083001827T
Reg Board: 8
Chemical: Diesel
Lead Agency: Local Agency
Local Agency : 30030
Case Type: Soil only
Status: Case Closed
Review Date: Not reported — Confirm Leak: Not reported
Workplan: Not reported — Prelim Assess: Not reported
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1991-10-17 00:00:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: CLOS
Enter Date : 1991-04-09 00:00:00
Funding: State Funds
Staff Initials: UNK
How Discovered: Tank Test
How Stopped: Not reported
Interim : Not reported
Leak Cause: Other Cause
Leak Source: Piping

NEXUS CITY SQUARE (Continued) — S105025365

MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CAB
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Operator : Not reported
Oversight Prgm: LUST
Review Date : Not reported
Stop Date : Not reported
Work Suspended Not reported
Responsible Party NEXUS CITY SQUARE
RP Address: 770 THE CITY DRIVE SOUTH, ORANGE, CA 92618
Global Id: T0605901366
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 11/14 EDR;12/12WP; MTBE DATE 4/20/98.

LUST Region 8:
Region: 8 — Cross Street: GARDEN GROVE
Regional Board: 08
Local Case Num: Not reported
Facility Status: Case Closed
Staff: CAB
Facility Contact: Not reported
Lead Agency: Local Agency
Local Agency: 30030
Qty Leaked: Not reported
County: Orange
Cleanup Fund Id : Not reported
Review Date: Not reported — Confirm Leak: Not reported
Workplan: Not reported — Prelim Assess: Not reported
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: Not reported — Monitoring: Not reported
Close Date: 10/17/1991
Discover Date : 3/6/1991
Enforcement Dt : Not reported
Enf Type: CLOS
Enter Date : 4/9/1991
Funding: State Funds
Staff Initials: UNK
How Discovered: Tank Test
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.7786496 / -117.8891806
Leak Cause: Other Cause

NEXUS CITY SQUARE (Continued) — S105025365

Leak Source: Piping
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Oversight Prgm : LUST
Global ID: T0605901366
Organization Name: Not reported
Priority : Not reported
Work Suspended Not reported
MTBE Class: *
Case Type: S
How Stopped Date: 3/6/1991
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083001827T
Substance: 12034
Staff: CAB
Summary : Not reported

CORTESE:
Region: CORTESE
Fac Address 2: 770 THE CITY DRIVE SOUTH

9 / West / 1/8-1/4 / 1173 ft. / Relative: Equal / Actual: 126 ft. — **CITY MALL THE** — RCRA-SQG 1000440222 / FINDS CAD981419161
1 CITY BLVD
ORANGE, CA 92868

RCRAInfo:
Owner: NOT REQUIRED
(415) 555-1212
EPA ID: CAD981419161
Contact: Not reported
Classification: Small Quantity Generator
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Resource Conservation and Recovery Act Information system

10 / ESE / 1/4-1/2 / 1389 ft. / Relative: Higher / Actual: 127 ft. — **CHEVRON #9-1660** — LUST S103891622 / N/A
3048 BRISTOL ST
SANTA ANA, CA 92706

State LUST:
Cross Street: CALLENS COMMON
Qty Leaked: Not reported
Case Number 083000926T
Reg Board: 8
Chemical: Regular Gasoline

CHEVRON #9-1660 (Continued) **S103891622**

Lead Agency: Local Agency
Local Agency : 30020
Case Type: Soil only
Status: Case Closed
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1988-06-27 00:00:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1988-06-20 00:00:00
Funding: Not reported
Staff Initials: JB
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : 1996-04-30 00:00:00
Max MTBE GW : 640 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : RS
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Operator : Not reported
Oversight Prgm: LUST
Review Date : 1992-03-18 00:00:00
Stop Date : Not reported
Work Suspended Not reported
Responsible Party CHEVRON USA
RP Address: 1300 SOUTH BEACH BOULEVARD, LA HABRA, CA 90632
Global Id: T0605900738
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 1
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 11/14 EDR;12/12WP; MTBE DATE 4/20/96

LUST Region 6:
Region: 6 Cross Street: CALLENS COMMON
Regional Board: 08
Local Case Num: Not reported
Facility Status: Case Closed

CHEVRON #9-1660 (Continued) **S103891622**

Staff: RS
Facility Contact: Not reported
Lead Agency: Local Agency
Local Agency: Santa Ana Fire Dept.
Qty Leaked: Not reported
County: Orange
Cleanup Fund Id : Not reported
Review Date: Not reported
Workplan: Not reported
Pollution Char: Not reported
Remed Action: Not reported
Close Date: 6/27/1988
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 6/20/1988
Funding: Not reported
Staff Initials: JB
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.7768227 / -117.8837945
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : 4/30/1996
MTBE Tested : YES
Max MTBE GW : 640
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Oversight Prgm : LUST
Global ID: T0605900738
Organization Name: Not reported
Priority : Not reported
Work Suspended Not reported
MTBE Class: Not reported
Case Type: S
How Stopped Date: Not reported
MTBE Concentration: 1
MTBE Fuel: 1
Case Number: 0830009261
Substance: 12032
Staff: RE
Summary : Not reported

Confirm Leak: Not reported
Prelim Assess: Not reported
Remed Plan: Not reported
Monitoring: Not reported

11
NE
1/4-1/2
1511 ft.

UNOCAL #5618
591 THE CITY DR
ORANGE, CA 92668

LUST S101589037
Cortese N/A
CA FID UST

Relative:
Higher

Actual:
129 ft.

State LUST:
Cross Street: HWY 22
Qty Leaked: Not reported
Case Number 0830016007
Reg Board: 8
Chemical: Gasoline
Lead Agency: Regional Board

UNOCAL #5618 (Continued) **S101589037**

Local Agency : 30030
Case Type: Drinking Water Aquifer affected
Status: Case Closed
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Remove Free Product - remove floating product from water table, Vapor Extraction, Pending
Review Date: Not reported
Workplan: 1990-07-30 00:00:00
Pollution Char: 2000-07-27 00:00:00
Remed Action: 1997-03-25 00:00:00
Monitoring: Not reported
Close Date: 2003-04-25 00:00:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : 1965-01-01 00:00:00
Enf Type: CLOS
Enter Date : 2002-07-02 00:00:00
Funding: Not reported
Staff Initials: KAT
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : 1996-04-23 00:00:00
Max MTBE GW : 10000 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : NOM
GW Qualifier : *
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Operator : Not reported
Oversight Prgm: LUST
Review Date : 2001-06-07 00:00:00
Stop Date : Not reported
Work Suspended Not reported
Responsible Party UNOCAL CORPORATION
RP Address: 376 S. VALENCIA , BREA, CA 92823
Global Id: T0605901216
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 1995-GW 40' BGS & FLOWS TOWARD THE NW. VES STARTED 3/25/97. ADDITIONAL WELLS (MW-3A, MW-4, MW-5, MW-6MW-9) WERE CONNECTED TO THE VES IN 11/97.

Confirm Leak: Not reported
Prelim Assess: 1990-07-30 00:00:00
Remed Plan: 2000-07-27 00:00:00

UNOCAL #5618 (Continued) **S101589037**

LUST Region 6:
Region: 6 Cross Street: HWY 22
Regional Board: 08
Local Case Num: Not reported
Facility Status: Case Closed
Staff: NOM
Facility Contact: Not reported
Lead Agency: Regional Board
Local Agency: 30030
Abate Method: Remove Free Product - remove floating product from water table, Excavate and Dispose - remove contaminated soil and dispose in approved site, Vapor Extraction
Qty Leaked: Not reported
County: Orange
Cleanup Fund Id : Not reported
Review Date: Not reported
Workplan: 7/30/1990
Pollution Char: 7/27/2000
Remed Action: Not reported
Close Date: 4/25/2003
Discover Date : 3/22/1990
Enforcement Dt : 1/1/1965
Enf Type: CLOS
Enter Date : 7/2/2002
Funding: Not reported
Staff Initials: KAT
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.7800546 / -117.8866116
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : 4/23/1996
MTBE Tested : YES
Max MTBE GW : 10000
GW Qualifier : *
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Oversight Prgm : LUST
Global ID: T0605901216
Organization Name: Not reported
Priority : Not reported
Work Suspended Not reported
MTBE Class: Not reported
Case Type: A
How Stopped Date: Not reported
MTBE Concentration: 2
MTBE Fuel: 1
Case Number: 0830016007
Substance: 8006619
Staff: NOM
Summary : 1995-GW 40' BGS & FLOWS TOWARD THE NW. VES STARTED 3/25/97. ADDITIONAL WELLS (MW-3A, MW-4, MW-5, MW-6MW-9) WERE CONNECTED TO THE VES IN 11/97.

Confirm Leak: Not reported
Prelim Assess: 7/30/1990
Remed Plan: 7/27/2000
Monitoring: Not reported

UNOCAL #5618 (Continued) S101589037

CORTESE:
Region: CORTESE
Fac Address 2: 591 THE CITY DR

FID:
Facility ID: 30001057 Regulate ID: 00055197
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Active Facility Tel: (714) 634-9139
Mail To: Not reported
17700 CASTLETON
ORANGE, CA 92668
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

12 SE 1/4-1/2 1639 ft. **THRIFTY OIL #375** LUST S101299959
2940 BRISTOL ST Cortese N/A
SANTA ANA, CA 92706

Relative: Lower
Actual: 123 ft.

State LUST:
Cross Street: HESPERIAN
Qty Leaked: Not reported
Case Number 083001076T
Reg Board: 8
Chemical: Waste Oil
Lead Agency: Regional Board
Local Agency : 30020
Case Type: Drinking Water Aquifer affected
Status: Pollution Characterization
Review Date: Not reported Confirm Leak: Not reported
Workplan: 2000-01-12 00:00:00 Prelim Assess: 2000-01-12 00:00:00
Pollution Char: 2004-10-21 00:00:00 Remed Plan: 2004-10-21 00:00:00
Remed Action: 2004-10-12 00:00:00
Monitoring: 2004-10-12 00:00:00
Close Date: Not reported
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: SEL
Enter Date : 2000-01-31 00:00:00
Funding: Not reported
Staff Initials: JB
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : 2001-05-30 00:00:00
Max MTBE GW : 426 Parts per Billion
MTBE Tested: MTBE Detected, Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: PROC, IND, MUN
Staff : VJJ

THRIFTY OIL #375 (Continued) S101299959

GW Qualifier : *
Max MTBE Soil : 7.3 Parts per Million
Soil Qualifier : *
Hydr Basin #: COASTAL PLAIN OF ORA
Operator : Not reported
Oversight Prgm: LUST
Review Date : 2002-09-17 00:00:00
Stop Date : Not reported
Work Suspended Not reported
Responsible Party Chris Panaitescu
RP Address: 15539 E. Foster Road
Global Id: T0605900850
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 3
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 11/21/88 - a 5c was initiated, but 1/12/00 investigation indicated GW impact of MBE, case has been

LUST Region 8:
Region: 8 Cross Street: HESPERIAN
Regional Board: 08
Local Case Num: Not reported
Facility Status: Pollution Characterization
Staff: VJJ
Facility Contact: Not reported
Lead Agency: Regional Board
Local Agency: Santa Ana Fire Dept.
Qty Leaked: Not reported
County: Orange
Cleanup Fund Id : Not reported
Review Date: Not reported Confirm Leak: Not reported
Workplan: 1/12/2000 Prelim Assess: 1/12/2000
Pollution Char: 10/21/2004 Remed Plan: 10/21/2004
Remed Action: 10/12/2004 Monitoring: 10/12/2004
Close Date: Not reported
Discover Date : 9/14/1988
Enforcement Dt : Not reported
Enf Type: SEL
Enter Date : 1/31/2000
Funding: Not reported
Staff Initials: JB
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.77621939 / -117.884629
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: PROC, IND, MUN
MTBE Date : 2/26/2001
MTBE Tested : YES
Max MTBE GW : 1880
GW Qualifier : *

THRIFTY OIL #375 (Continued) S101299959

Max MTBE Soil : 152
Soil Qualifier : *
Hydr Basin #: COASTAL PLAIN OF ORA
Oversight Prgm : LUST
Global ID: T0605900850
Organization Name: Not reported
Priority : Not reported
Work Suspended Not reported
MTBE Class: B
Case Type: A
How Stopped Date: Not reported
MTBE Concentration: 3
MTBE Fuel: 1
Case Number: 083001076T
Substance: 12035
Staff: VJJ
Summary : 11/21/88 - a 5c was initiated, but 1/12/00 investigation indicated GW impact of MBE, case has been

CORTESE:
Region: CORTESE
Fac Address 2: 2940 BRISTOL ST

D13 SE 1/4-1/2 1750 ft. **EXXON SERVICE STATION #33** LUST S104164238
2910 BRISTOL Cortese N/A
SANTA ANA, CA 92706

Site 1 of 2 in cluster D

Relative: Lower
Actual: 122 ft.

State LUST:
Cross Street: Not reported
Qty Leaked: Not reported
Case Number 083001753T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 30020
Case Type: Drinking Water Aquifer affected
Status: Case Closed
Review Date: 1991-01-18 00:00:00 Confirm Leak: 1991-01-18 00:00:00
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1992-06-17 00:00:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1991-03-18 00:00:00
Funding: Not reported
Staff Initials: JB
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : Not reported

EXXON SERVICE STATION #33 (Continued) S104164238

Max MTBE GW : Not reported
MTBE Tested: Site NOT Tested for MTBE,Includes Unknown and Not Analyzed.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CAB
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Operator : VARVJAN KARAKESISOGLU
Oversight Prgm: LUST
Review Date : 1992-08-11 00:00:00
Stop Date : Not reported
Work Suspended Not reported
Responsible Party EXXON
RP Address: 34 EXECUTIVE PARK #100, IRVINE, CA 02714
Global Id: T0605901319
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 4/16/91 - GW IN EXCAVATION. BTEX AT 1.2 PPM. 6/17/92 - SAFD CLOSED SITE.

LUST Region 8:
Region: 8 Cross Street: Not reported
Regional Board: 08
Local Case Num: Not reported
Facility Status: Case Closed
Staff: CAB
Facility Contact: Not reported
Lead Agency: Regional Board
Local Agency: Santa Ana Fire Dept.
Qty Leaked: Not reported
County: Orange
Cleanup Fund Id : Not reported
Review Date: 1/18/1991 Confirm Leak: 1/18/1991
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 6/17/1992
Discover Date : 1/18/1991
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 3/18/1991
Funding: Not reported
Staff Initials: JB
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.7085756 / -117.885588
Leak Cause: UNK

EXXON SERVICE STATION #33 (Continued) S104164238

Leak Source: UNK
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NT
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Oversight Prgm : LUST
Global ID: T0605901319
Organization Name: Not reported
Priority : Not reported
Work Suspended Not reported
MTBE Class: *
Case Type: A
How Stopped Date. 1/1/1990
MTBE Concentration: 0
MTBE Fuel: 1
Case Number: 083001753T
Substance: 8006619
Staff: CAB
Summary : 4/16/91 - GW IN EXCAVATION. BTEX AT 1.2 PPM. 6/17/92 - SAFD CLOSED SITE.

CORTESE:
Region: CORTESE
Fac Address 2: Not reported

D14 | SE | 1/4-1/2 | 1829 ft. | Relative: Lower | Actual: 121 ft.

MOBIL #18-HEP LUST S101588987
2925 BRISTOL ST Cortese N/A
SANTA ANA, CA 92706 CA FID UST

Site 2 of 2 in cluster D

State LUST:
Cross Street: SEGERSTROM
Qty Leaked: Not reported
Case Number 083000757T
Reg Board: 8
Chemical: Waste Oil
Lead Agency: Regional Board
Local Agency : 30020
Case Type: Drinking Water Aquifer affected
Status: Case Closed
Review Date: Not reported — Confirm Leak: Not reported
Workplan: Not reported — Prelim Assess: Not reported
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: Not reported
Monitoring: Not reported
Close Date: 1992-07-21 00:00:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1988-03-01 00:00:00
Funding: Responsible Party
Staff Initials: JB

MOBIL #18-HEP (Continued) S101588987

How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : Not reported
Max MTBE GW : Not reported
MTBE Tested: Not Required to be Tested.
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : RS
GW Qualifier : Not reported
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Operator : GUAN, LE MINH
Oversight Prgm: LUST
Review Date : 1993-09-16 00:00:00
Stop Date : Not reported
Work Suspended Not reported
Responsible Party MOBIL OIL CORPORATION
RP Address: 3800 WEST ALAMEDA, SUITE 700, BURBANK, CA 91501
Global Id: T0605900599
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 0
Mtbe Fuel: 0
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 11/14 EDR;12/12WP; MTBE DATE 4/20/98.
11/14 EDR;12/12WP; MTBE DATE 4/20/98.

Cross Street: SERERSTROM
Qty Leaked: Not reported
Case Number 083003281T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 30020
Case Type: Drinking Water Aquifer affected
Status: Remedial action (cleanup) Underway
Review Date: Not reported — Confirm Leak: Not reported
Workplan: 2000-03-28 00:00:00 — Prelim Assess: 2000-03-28 00:00:00
Pollution Char: 2002-04-09 00:00:00 — Remed Plan: 2002-04-09 00:00:00
Remed Action: 2002-05-15 00:00:00
Monitoring: Not reported
Close Date: Not reported
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : 2000-07-13 00:00:00
Enf Type: VER
Enter Date : 1998-11-06 00:00:00

MOBIL #18-HEP (Continued) S101588987

Funding: Not reported
Staff Initials: JB
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported
Leak Cause: Not reported
Leak Source: Not reported
MTBE Date : 2000-02-07 00:00:00
Max MTBE GW : 100000 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : RS
GW Qualifier : *
Max MTBE Soil : 80 Parts per Million
Soil Qualifier : *
Hydr Basin #: COASTAL PLAIN OF ORA
Operator : Not reported
Oversight Prgm: LUST
Review Date : 2001-11-19 00:00:00
Stop Date : Not reported
Work Suspended Not reported
Responsible Party MOBIL OIL CORP.
RP Address: 3700 W. 190TH STREET TPT2, TORRANCE, CA 90509
Global Id: T0605902208
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 2
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 11/14 EDR;12/12WP; MTBE DATE 4/20/98.
11/14 EDR;12/12WP; MTBE DATE 4/20/98.

LUST Region 8:
Region: 8 — Cross Street: SEGERSTROM
Regional Board: 08
Local Case Num: Not reported
Facility Status: Case Closed
Staff: RS
Facility Contact: Not reported
Lead Agency: Regional Board
Local Agency: Santa Ana Fire Dept.
Qty Leaked: Not reported
County: Orange
Cleanup Fund Id : Not reported
Review Date: Not reported — Confirm Leak: Not reported
Workplan: Not reported — Prelim Assess: Not reported
Pollution Char: Not reported — Remed Plan: Not reported
Remed Action: Not reported — Monitoring: Not reported
Close Date: 7/21/1992
Discover Date : 1/28/1988
Enforcement Dt : Not reported
Enf Type: Not reported

MOBIL #18-HEP (Continued) S101588987

Enter Date : 3/1/1988
Funding: Responsible Party
Staff Initials: JB
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.70788167 / -117.885301
Leak Cause: UNK
Leak Source: UNK
Beneficial: Not reported
MTBE Date : Not reported
MTBE Tested : NRQ
Max MTBE GW : Not reported
GW Qualifies : Not reported
Max MTBE Soil : Not reported
Soil Qualifies : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Oversight Prgm : LUST
Global ID: T0605900599
Organization Name: Not reported
Priority : Not reported
Work Suspended Not reported
MTBE Class: *
Case Type: A
How Stopped Date: 1/28/1988
MTBE Concentration: 0
MTBE Fuel: 0
Case Number: 083000757T
Substance: 12035
Staff: RS
Summary : Not reported

Region: 8 — Cross Street: SERERSTROM
Regional Board: 08
Local Case Num: Not reported
Facility Status: Remedial action (cleanup) Underway
Staff: RS
Facility Contact: Not reported
Lead Agency: Regional Board
Local Agency: Santa Ana Fire Dept.
Qty Leaked: Not reported
County: Orange
Cleanup Fund Id : Not reported
Review Date: Not reported — Confirm Leak: Not reported
Workplan: 3/28/2000 — Prelim Assess: 3/28/2000
Pollution Char: 4/9/2002 — Remed Plan: 4/9/2002
Remed Action: Not reported — Monitoring: Not reported
Close Date: Not reported
Discover Date : 9/24/1996
Enforcement Dt : 7/13/2000
Enf Type: VER
Enter Date : 11/6/1998
Funding: Not reported
Staff Initials: JB
How Discovered: Not reported
How Stopped: Not reported
Interim : Not reported

MOBIL #18-HEP (Continued) S101588987

Lat/Lon : 33.70779312 / -117.8653635
Leak Cause: Not reported
Leak Source: Not reported
Beneficial: Not reported
MTBE Date : 2/7/2000
MTBE Tested : YES
Max MTBE GW : 100000
GW Qualifier : =
Max MTBE Soil : 80
Soil Qualifier : =
Hydr Basin #: COASTAL PLAIN OF ORA
Oversight Prgm : LUST
Global ID: T0605902208
Organization Name: Not reported
Priority : Not reported
Work Suspended Not reported
MTBE Class: A
Case Type: A
How Stopped Date: Not reported
MTBE Concentration: 2
MTBE Fuel: 1
Case Number: 083003281T
Substance: 8006619
Staff: RB
Summary : Not reported

CORTESE:
Region: CORTESE
Fac Address 2: 2921 BRISTOL ST

Region: CORTESE
Fac Address 2: 2921 BRISTOL ST

FID:
Facility ID: 30000744 Regulate ID: 00039443
Reg By: Active Underground Storage Tank Location
Cortese Code: Not reported SIC Code: Not reported
Status: Active Facility Tel: (714) 545-1056
Mail To: Not reported
3225 GALLOWS RD
SANTA ANA, CA 92704
Contact: Not reported Contact Tel: Not reported
DUNs No: Not reported NPDES No: Not reported
Creation: 10/22/93 Modified: 00/00/00
EPA ID: Not reported
Comments: Not reported

E15 **CHEVRON #9-8787** LUST S106716051
SSE **2702 BRISTOL ST** N/A
1/4-1/2 **SANTA ANA, CA 92706**
2555 ft.

Site 1 of 2 in cluster E

Relative: Lower

Actual: 121 ft.

State LUST:
Cross Street: MEMORY
Qty Leaked: Not reported
Case Number 083003454T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Regional Board

CHEVRON #9-8787 (Continued) S106716051

Local Agency : 30020
Case Type: Drinking Water Aquifer affected
Status: Case Closed
Review Date: Not reported Confirm Leak: Not reported
Workplan: 1999-03-01 00:00:00 Prelim Assess: 1999-03-01 00:00:00
Pollution Char: 2001-08-21 00:00:00 Remed Plan: 2001-08-21 00:00:00
Remed Action: Not reported
Monitoring: Not reported
Close Date: 2001-10-04 00:00:00
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: Not reported
Enter Date : 1999-05-12 00:00:00
Funding: Not reported
Staff Initials: JB
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : 1999-03-01 00:00:00
Max MTBE GW : 87 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : TME
GW Qualifier : =
Max MTBE Soil : 1.16 Parts per Million
Soil Qualifier : =
Hydr Basin #: COASTAL PLAIN OF ORA
Operator : Not reported
Oversight Prgm: LUST
Review Date : 2001-10-04 00:00:00
Stop Date : Not reported
Work Suspended Not reported
Responsible Party CHEVRON USA
RP Address: Not reported
Global Id: T0605902279
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 3
Mtbe Fuel: 1
Water System Name: Not reported
Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : MTBE SOIL 3.3 PPM, 1/26/99, MTBE GW 87PPB 03/01/99 DTW 45FT. Submitted additional site assessment wp on 12/26/00. Responded to on January 23, 2001.

E16 **EXXON SERVICE STATION #3843** LUST S104164234
SSE **2701 BRISTOL ST** N/A
1/4-1/2 **SANTA ANA, CA 92706**
2566 ft.

Site 2 of 2 in cluster E

Relative: Lower

Actual: 121 ft.

State LUST:
Cross Street: MEMORY
Qty Leaked: Not reported
Case Number 083000370T
Reg Board: 8
Chemical: Gasoline
Lead Agency: Regional Board
Local Agency : 30020
Case Type: Drinking Water Aquifer affected
Status: Pollution Characterization
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: 2004-05-03 00:00:00
Monitoring: 2000-10-02 00:00:00
Close Date: Not reported
Release Date: Not reported
Cleanup Fund Id : Not reported
Discover Date : Not reported
Enforcement Dt : Not reported
Enf Type: SI
Enter Date : 1992-01-21 00:00:00
Funding: Not reported
Staff Initials: JB
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Leak Cause: UNK
Leak Source: UNK
MTBE Date : 1998-12-08 00:00:00
Max MTBE GW : 930 Parts per Billion
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
Priority: Not reported
Local Case # : Not reported
Beneficial: Not reported
Staff : CAB
GW Qualifier : =
Max MTBE Soil : Not reported
Soil Qualifier : Not reported
Hydr Basin #: COASTAL PLAIN OF ORA
Operator : Not reported
Oversight Prgm: LUST
Review Date : 2002-01-31 00:00:00
Stop Date : Not reported
Work Suspended Not reported
Responsible Party EXXON COMPANY, USA
RP Address: 2300 CLAYTON ROAD, SUITE 640, CONCORD CA 94520
Global Id: T0605900295
Org Name: Not reported
Contact Person: Not reported
MTBE Conc: 13
Mtbe Fuel: 1
Water System Name: Not reported

EXXON SERVICE STATION #3843 (Continued) S104164234

Well Name: Not reported
Distance To Lust: 0
Waste Discharge Global ID: Not reported
Waste Disch Assigned Name: Not reported
Summary : 7/3/93 - SUBMITTED RA. ASSUMED GW AT 135'. REGIONAL DATA SUGGEST 70-90'. MOST SOIL CONTAM 10-40' DEPTH. REQUESTING SOIL CONTAM LEFT IN PLACE WITH CLOSURE.

LUST Region 8:
Region: 8 Cross Street: MEMORY
Regional Board: 08
Local Case Num: Not reported
Facility Status: Pollution Characterization
Staff: CAB
Facility Contact: Not reported
Lead Agency: Regional Board
Local Agency: Santa Ana Fire Dept.
Qty Leaked: Not reported
County: Orange
Cleanup Fund Id : Not reported
Review Date: Not reported Confirm Leak: Not reported
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: 10/2/2000 Monitoring: 10/2/2000
Close Date: Not reported
Discover Date : 4/21/1995
Enforcement Dt : Not reported
Enf Type: SEL
Enter Date : 1/21/1992
Funding: Not reported
Staff Initials: JB
How Discovered: Tank Closure
How Stopped: Not reported
Interim : Not reported
Lat/Lon : 33.77327001 / -117.8646629
Leak Cause: UNK
Leak Source: UNK
Beneficial: Not reported
MTBE Date : 8/23/2001
MTBE Tested : YES
Max MTBE GW : 6200
GW Qualifier : =
Max MTBE Soil : 1940
Soil Qualifier : =
Hydr Basin #: COASTAL PLAIN OF ORA
Oversight Prgm : LUST
Global ID: T0605900295
Organization Name: Not reported
Priority : Not reported
Work Suspended Not reported
MTBE Class: B
Case Type: A
How Stopped Date: 4/21/1995
MTBE Concentration: 13
MTBE Fuel: 1
Case Number: 083000370T
Substance: 8006619
Staff: CAB

Map ID / Direction / Distance / Distance (ft.) / Elevation | Site | Database(s) | EDR ID Number / EPA ID Number

EXXON SERVICE STATION #3843 (Continued) S104164234

Summary: 7/3/93 - SUBMITTED RA. ASSUMED GW AT 135'. REGIONAL DATA SUGGEST 70-90'. MOST SOIL CONTAM 10-40' DEPTH. REQUESTING SOIL CONTAM LEFT IN PLACE WITH CLOSURE.

MAP FINDINGS - EDR PROPRIETARY HISTORICAL DATABASES

YEAR	NAME	ADDRESS	CITY	ST	DIR	DIST	ELEV	TYPE

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

EDR Historical Gas Station & Dry Cleaner Search: No mapped sites were found in EDR's search of the EDR Historical Gas Station & Dry Cleaner Database within 0.250 mile of the Target Property.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
ORANGE	U003782096	THEO LACY JAIL EXPANSION	497 CITY DRIVE SOUTH	92868	UST
ORANGE	U003782067	NEXUS CITY SQUARE	770 CITY DRIVE SOUTH	92868	UST
ORANGE	S106805133	[redacted]	15505 EAST LINCOLN AVENUE		SWF/LF
ORANGE	S106805134	[redacted]	15505 EAST LINCOLN AVENUE		SWF/LF, AST
ORANGE	S105000262	[redacted]	NE OF LAS FLORES AND USTIN AVE		CERCLIS
ORANGE	S105003734	[redacted]	PROSPECT AND SHING STREETS (RW CORNER)		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.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
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: 12/14/04
Date Made Active at EDR: 02/03/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/01/05
Elapsed ASTM days: 2
Date of Last EDR Contact: 02/01/05

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 6
Telephone: 214-655-6659

EPA Region 8
Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 12/14/04
Date Made Active at EDR: 02/03/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 02/01/05
Elapsed ASTM days: 2
Date of Last EDR Contact: 02/01/05

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/15/05
Date Made Active at EDR: 04/06/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/22/05
Elapsed ASTM days: 15
Date of Last EDR Contact: 03/22/05

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 03/22/05
Date Made Active at EDR: 04/06/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 04/01/05
Elapsed ASTM days: 5
Date of Last EDR Contact: 04/01/05

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/15/04
Date Made Active at EDR: 02/25/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/07/05
Elapsed ASTM days: 49
Date of Last EDR Contact: 03/07/05

RCRA: Resource Conservation and Recovery Act Information
Source: EPA
Telephone: 800-424-9346
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. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). 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. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site 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: 03/13/05
Date Made Active at EDR: 04/25/05
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/23/05
Elapsed ASTM days: 33
Date of Last EDR Contact: 03/23/05

ERNS: Emergency Response Notification System
Source: National Response Center, United States Coast Guard
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/04
Date Made Active at EDR: 03/24/05
Database Release Frequency: Annually

Date of Data Arrival at EDR: 01/27/05
Elapsed ASTM days: 56
Date of Last EDR Contact: 04/25/05

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
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: 12/01/01
Database Release Frequency: Biennially

Date of Last EDR Contact: 04/15/05
Date of Next Scheduled EDR Contact: 08/13/05

CONSENT: Superfund (CERCLA) Consent Decrees
Source: Department of Justice, Consent Decree Library
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/04
Database Release Frequency: Varies

Date of Last EDR Contact: 04/26/05
Date of Next Scheduled EDR Contact: 07/25/05

ROD: Records Of Decision
Source: EPA
Telephone: 703-416-0223
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: 01/10/05
Database Release Frequency: Annually

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
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: 12/14/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/01/05
Date of Next Scheduled EDR Contact: 05/02/05

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
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: 01/12/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 11/16/04
Database Release Frequency: Annually

Date of Last EDR Contact: 04/19/05
Date of Next Scheduled EDR Contact: 07/18/05

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
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: 01/12/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/15/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/30/05
Date of Next Scheduled EDR Contact: 06/27/05

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 202-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (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 receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/22/05
Date of Next Scheduled EDR Contact: 05/23/05

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-564-3887
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: 12/21/04
Database Release Frequency: Annually

Date of Last EDR Contact: 02/23/05
Date of Next Scheduled EDR Contact: 05/09/05

DOD: Department of Defense Sites
Source: USGS
Telephone: 703-692-8801
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: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/08/05
Date of Next Scheduled EDR Contact: 05/09/05

UMTRA: Uranium Mill Tailings Sites
Source: Department of Energy
Telephone: 505-845-0011
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. In 1978, 24 inactive uranium mill tailings sites in Oregon, Idaho, Wyoming, Utah, Colorado, New Mexico, Texas, North Dakota, South Dakota, Pennsylvania, and on Navajo and Hopi tribal lands, were targeted for cleanup by the Department of Energy.

Date of Government Version: 12/29/04
Database Release Frequency: Varies

Date of Last EDR Contact: 03/22/05
Date of Next Scheduled EDR Contact: 06/20/05

ODI: Open Dump Inventory
Source: Environmental Protection Agency
Telephone: 800-424-9346
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: 06/30/85
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/23/95
Date of Next Scheduled EDR Contact: N/A

FUDS: Formerly Used Defense Sites
Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
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: 12/31/03
Database Release Frequency: Varies

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

INDIAN RESERV: Indian Reservations
Source: USGS
Telephone: 202-208-3710
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: 10/01/03
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/08/05
Date of Next Scheduled EDR Contact: 05/09/05

US ENG CONTROLS: Engineering Controls Sites List
Source: Environmental Protection Agency
Telephone: 703-603-8867
A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 01/10/05
Database Release Frequency: Varies

Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
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: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 03/07/05
Date of Next Scheduled EDR Contact: 06/06/05

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-566-0250
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/02
Database Release Frequency: Annually

Date of Last EDR Contact: 03/22/05
Date of Next Scheduled EDR Contact: 06/20/05

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
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: 12/31/02
Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 04/05/05
Date of Next Scheduled EDR Contact: 08/06/05

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-566-1667

Date of Government Version: 04/13/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/21/05
Date of Next Scheduled EDR Contact: 06/20/05

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SSTS: Section 7 Tracking Systems
Source: EPA
Telephone: 202-564-5008
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: 12/31/03
Database Release Frequency: Annually
Date of Last EDR Contact: 04/19/05
Date of Next Scheduled EDR Contact: 07/18/05

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
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: 09/13/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/21/05
Date of Next Scheduled EDR Contact: 06/20/05

STATE OF CALIFORNIA ASTM STANDARD RECORDS

AWP: Annual Workplan Sites
Source: California Environmental Protection Agency
Telephone: 916-323-3400
Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 02/07/05
Date Made Active at EDR: 04/05/05
Database Release Frequency: Annually
Date of Data Arrival at EDR: 03/01/05
Elapsed ASTM days: 35
Date of Last EDR Contact: 03/01/05

CAL-SITES: Calsites Database
Source: Department of Toxic Substance Control
Telephone: 916-323-3400
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.

Date of Government Version: 02/07/05
Date Made Active at EDR: 04/05/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/01/05
Elapsed ASTM days: 35
Date of Last EDR Contact: 03/01/05

CHMIRS: California Hazardous Material Incident Report System
Source: Office of Emergency Services
Telephone: 916-845-8400
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/03
Date Made Active at EDR: 06/25/04
Database Release Frequency: Varies
Date of Data Arrival at EDR: 05/18/04
Elapsed ASTM days: 38
Date of Last EDR Contact: 02/23/05

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-9100
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). This listing is no longer updated by the state agency.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/01
Date Made Active at EDR: 07/26/01
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 05/29/01
Elapsed ASTM days: 58
Date of Last EDR Contact: 04/25/05

NOTIFY 65: Proposition 65 Records
Source: State Water Resources Control Board
Telephone: 916-445-3846
Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 04/18/05

TOXIC PITS: Toxic Pits Cleanup Act Sites
Source: State Water Resources Control Board
Telephone: 916-227-4364
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: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 02/01/05

SWF/LF (SWIS): Solid Waste Information System
Source: Integrated Waste Management Board
Telephone: 916-341-6320
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: 03/14/05
Date Made Active at EDR: 04/05/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/15/05
Elapsed ASTM days: 21
Date of Last EDR Contact: 03/15/05

WMUDS/SWAT: Waste Management Unit Database
Source: State Water Resources Control Board
Telephone: 916-227-4448
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: 04/01/00
Date Made Active at EDR: 05/10/00
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 04/10/00
Elapsed ASTM days: 30
Date of Last EDR Contact: 03/07/05

LUST: Geotracker's Leaking Underground Fuel Tank Report
Source: State Water Resources Control Board
Contact: Orange City Fire Department, (714) 288-2551
Contact: Orange County Environmental Health, (714)433-6471
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/10/05
Date Made Active at EDR: 02/21/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 01/10/05
Elapsed ASTM days: 42
Date of Last EDR Contact: 04/13/05

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CA BOND EXP. PLAN: Bond Expenditure Plan
Source: Department of Health Services
Telephone: 916-255-2118
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: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

CA UST:

UST: Active UST Facilities
Source: SWRCB
Contact: Orange City Fire Department, (714) 288-2551
Contact: Orange County Environmental Health, (714)433-6471
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 04/12/05
Date Made Active at EDR: 05/06/05
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 04/13/05
Elapsed ASTM days: 23
Date of Last EDR Contact: 04/13/05

VCP: Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
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: 02/07/05
Date Made Active at EDR: 03/31/05
Database Release Frequency: Quarterly
Date of Data Arrival at EDR: 03/01/05
Elapsed ASTM days: 30
Date of Last EDR Contact: 03/01/05

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land
Source: Environmental Protection Agency
Telephone: 415-972-3372
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 03/16/05
Date Made Active at EDR: 04/13/05
Database Release Frequency: Varies
Date of Data Arrival at EDR: 03/21/05
Elapsed ASTM days: 23
Date of Last EDR Contact: 02/22/05

INDIAN LUST: Leaking Underground Storage Tanks on Indian Land
Source: EPA Region 10
Telephone: 206-553-2857
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 02/02/05
Date Made Active at EDR: 03/28/05
Database Release Frequency: Varies
Date of Data Arrival at EDR: 02/02/05
Elapsed ASTM days: 54
Date of Last EDR Contact: 01/31/05

INDIAN UST: Underground Storage Tanks on Indian Land
Source: EPA Region 9
Telephone: 415-972-3368

Date of Government Version: 11/02/04
Date Made Active at EDR: 12/13/04
Database Release Frequency: Varies
Date of Data Arrival at EDR: 11/03/04
Elapsed ASTM days: 40
Date of Last EDR Contact: 02/22/05

CA FID UST: Facility Inventory Database
Source: California Environmental Protection Agency
Telephone: 916-341-5851
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/01/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

HIST UST: Hazardous Substance Storage Container Database
Source: State Water Resources Control Board
Telephone: 916-341-5851
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: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned
Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 07/26/01

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS

AST: Aboveground Petroleum Storage Tank Facilities
Source: State Water Resources Control Board
Telephone: 916-341-5712
Registered Aboveground Storage Tanks.

Date of Government Version: 02/01/05
Database Release Frequency: Quarterly
Date of Last EDR Contact: 02/24/05
Date of Next Scheduled EDR Contact: 05/02/05

CLEANERS: Cleaner Facilities
Source: Department of Toxic Substance Control
Telephone: 916-327-4498
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: 04/18/05
Database Release Frequency: Annually
Date of Last EDR Contact: 04/15/05
Date of Next Scheduled EDR Contact: 07/04/05

CA WDS: Waste Discharge System
Source: State Water Resources Control Board
Telephone: 916-341-5227
Sites which have been issued waste discharge requirements.

Date of Government Version: 03/21/05
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/22/05
Date of Next Scheduled EDR Contact: 06/20/05

DEED: Deed Restriction Listing
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
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: 04/05/05
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 04/04/05
Date of Next Scheduled EDR Contact: 07/04/05

NFA: No Further Action Determination
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties at which DTSC has made a clear determination that the property does not pose a problem to the environment or to public health.

Date of Government Version: 02/07/05
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

EMI: Emissions Inventory Data
Source: California Air Resources Board
Telephone: 916-322-2990
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/02
Database Release Frequency: Varies
Date of Last EDR Contact: 04/22/05
Date of Next Scheduled EDR Contact: 07/18/05

WIP: Well Investigation Program Case List
Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 04/26/05
Database Release Frequency: Varies
Date of Last EDR Contact: 04/25/05
Date of Next Scheduled EDR Contact: 07/25/05

REF: Unconfirmed Properties Referred to Another Agency
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

Date of Government Version: 02/07/05
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

SCH: School Property Evaluation Program
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
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: 02/07/05
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

NFE: Properties Needing Further Evaluation
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
This category contains properties that are suspected of being contaminated. These are unconfirmed contaminated properties that need to be assessed using the PEA process. PEA in Progress indicates properties where DTSC is currently conducting a PEA. PEA Required indicates properties where DTSC has determined a PEA is required, but not currently underway.

Date of Government Version: 02/07/05
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/01/05
Date of Next Scheduled EDR Contact: 05/30/05

SLIC: Statewide SLIC Cases
Source: State Water Resources Control Board
Contact: Orange City Fire Department, (714) 288-2551
Contact: Orange County Environmental Health, (714)433-6471
The Spills, Leaks, Investigations, and Cleanups (SLIC) listings includes unauthorized discharges from spills and leaks, other than from underground storage tanks or other regulated sites.

Date of Government Version: 04/12/05
Database Release Frequency: Varies
Date of Last EDR Contact: 04/13/05
Date of Next Scheduled EDR Contact: 07/11/05

HAZNET: Facility and Manifest Data
Source: California Environmental Protection Agency
Telephone: 916-255-1136
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.

Date of Government Version: 12/31/02
Database Release Frequency: Annually
Date of Last EDR Contact: 02/17/05
Date of Next Scheduled EDR Contact: 05/09/05

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 02/14/05
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 04/25/05
Date of Next Scheduled EDR Contact: 07/25/05

Underground Tanks
Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 02/15/05
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 04/25/05
Date of Next Scheduled EDR Contact: 07/25/05

CONTRA COSTA COUNTY:

Site List
Source: Contra Costa Health Services Department
Telephone: 925-646-2286
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 03/04/05
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 02/28/05
Date of Next Scheduled EDR Contact: 05/30/05

FRESNO COUNTY:

CUPA Resources List
Source: Dept. of Community Health
Telephone: 559-445-3271
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: 03/31/05
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 01/19/05
Date of Next Scheduled EDR Contact: 05/09/05

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 12/13/04
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/07/05
Date of Next Scheduled EDR Contact: 06/06/05

LOS ANGELES COUNTY:

List of Solid Waste Facilities
Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 02/01/05
Database Release Frequency: Varies
Date of Last EDR Contact: 02/16/05
Date of Next Scheduled EDR Contact: 05/16/05

City of El Segundo Underground Storage Tank
Source: City of El Segundo Fire Department
Telephone: 310-524-2236

Date of Government Version: 02/14/05
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 02/14/05
Date of Next Scheduled EDR Contact: 05/16/05

City of Long Beach Underground Storage Tank
Source: City of Long Beach Fire Department
Telephone: 562-570-2543

Date of Government Version: 03/28/03
Database Release Frequency: Annually
Date of Last EDR Contact: 02/23/05
Date of Next Scheduled EDR Contact: 05/23/05

City of Torrance Underground Storage Tank
Source: City of Torrance Fire Department
Telephone: 310-618-2973

Date of Government Version: 03/24/05
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 02/28/05
Date of Next Scheduled EDR Contact: 05/16/05

City of Los Angeles Landfills
Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 03/01/05
Database Release Frequency: Varies
Date of Last EDR Contact: 03/16/05
Date of Next Scheduled EDR Contact: 06/13/05

HMS: Street Number List
Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 02/28/05
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 02/14/05
Date of Next Scheduled EDR Contact: 05/16/05

Site Mitigation List
Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/09/05
Database Release Frequency: Annually
Date of Last EDR Contact: 02/14/05
Date of Next Scheduled EDR Contact: 05/16/05

San Gabriel Valley Areas of Concern
Source: EPA Region 9
Telephone: 415-972-3178
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 07/06/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

Underground Storage Tank Sites
Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 02/08/05
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 01/31/05
Date of Next Scheduled EDR Contact: 05/02/05

NAPA COUNTY:

Sites With Reported Contamination
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 03/29/05
Database Release Frequency: Semi-Annually
Date of Last EDR Contact: 03/28/05
Date of Next Scheduled EDR Contact: 06/27/05

Closed and Operating Underground Storage Tank Sites
Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 03/29/05
Database Release Frequency: Annually
Date of Last EDR Contact: 03/28/05
Date of Next Scheduled EDR Contact: 06/27/05

ORANGE COUNTY:

List of Underground Storage Tank Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 02/01/05
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/11/05
Date of Next Scheduled EDR Contact: 06/06/05

List of Underground Storage Tank Facilities
Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 03/01/05
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/11/05
Date of Next Scheduled EDR Contact: 06/06/05

List of Industrial Site Cleanups
Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 03/01/05
Database Release Frequency: Annually

Date of Last EDR Contact: 03/11/05
Date of Next Scheduled EDR Contact: 06/06/05

PLACER COUNTY:

Master List of Facilities
Source: Placer County Health and Human Services
Telephone: 530-889-7312
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 04/05/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/21/05
Date of Next Scheduled EDR Contact: 06/20/05

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/14/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/18/05
Date of Next Scheduled EDR Contact: 07/18/05

Underground Storage Tank Tank List
Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 02/14/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/18/05
Date of Next Scheduled EDR Contact: 07/18/05

SACRAMENTO COUNTY:

CS - Contaminated Sites
Source: Sacramento County Environmental Management
Telephone: 916-875-8406

Date of Government Version: 12/30/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/05
Date of Next Scheduled EDR Contact: 05/02/05

ML - Regulatory Compliance Master List
Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 12/30/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/05
Date of Next Scheduled EDR Contact: 05/02/05

SAN BERNARDINO COUNTY:

Hazardous Material Permits
Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
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: 03/25/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/05
Date of Next Scheduled EDR Contact: 06/06/05

SAN DIEGO COUNTY:

Solid Waste Facilities
Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 08/01/00
Database Release Frequency: Varies

Date of Last EDR Contact: 02/22/05
Date of Next Scheduled EDR Contact: 05/23/05

Hazardous Materials Management Division Database
Source: Hazardous Materials Management Division
Telephone: 619-338-2268
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: 06/29/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/22/05
Date of Next Scheduled EDR Contact: 07/04/05

SAN FRANCISCO COUNTY:

Local Oversite Facilities
Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 03/09/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/05
Date of Next Scheduled EDR Contact: 06/06/05

Underground Storage Tank Information
Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 03/09/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/07/05
Date of Next Scheduled EDR Contact: 06/06/05

SAN MATEO COUNTY:

Fuel Leak List
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 02/14/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/11/05
Date of Next Scheduled EDR Contact: 07/11/05

Business Inventory
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/28/05
Database Release Frequency: Annually

Date of Last EDR Contact: 04/11/05
Date of Next Scheduled EDR Contact: 07/11/05

SANTA CLARA COUNTY:

Fuel Leak Site Activity Report
Source: Santa Clara Valley Water District
Telephone: 408-265-2600

Date of Government Version: 03/29/05
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 03/29/05
Date of Next Scheduled EDR Contact: 06/27/05

Hazardous Material Facilities
Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 01/14/05
Database Release Frequency: Annually

Date of Last EDR Contact: 03/07/05
Date of Next Scheduled EDR Contact: 06/06/05

SOLANO COUNTY:

Leaking Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770

Date of Government Version: 04/18/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/18/05
Date of Next Scheduled EDR Contact: 06/13/05

Underground Storage Tanks
Source: Solano County Department of Environmental Management
Telephone: 707-784-6770

Date of Government Version: 12/14/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/18/05
Date of Next Scheduled EDR Contact: 06/13/05

SONOMA COUNTY:

Leaking Underground Storage Tank Sites
Source: Department of Health Services
Telephone: 707-565-6565

Date of Government Version: 01/27/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/25/05
Date of Next Scheduled EDR Contact: 07/25/05

SUTTER COUNTY:

Underground Storage Tanks
Source: Sutter County Department of Agriculture
Telephone: 530-822-7500

Date of Government Version: 01/29/04
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/18/05
Date of Next Scheduled EDR Contact: 07/04/05

VENTURA COUNTY:

Inventory of Illegal Abandoned and Inactive Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/04
Database Release Frequency: Annually

Date of Last EDR Contact: 02/23/05
Date of Next Scheduled EDR Contact: 05/23/05

Listing of Underground Tank Cleanup Sites
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 03/01/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/18/05
Date of Next Scheduled EDR Contact: 06/13/05

Underground Tank Closed Sites List
Source: Environmental Health Division
Telephone: 805-654-2813
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/01/04
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/15/05
Date of Next Scheduled EDR Contact: 07/11/05

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
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: 03/01/05
Database Release Frequency: Quarterly

Date of Last EDR Contact: 03/18/05
Date of Next Scheduled EDR Contact: 06/13/05

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Source: Yolo County Department of Health
Telephone: 530-666-8646

Date of Government Version: 01/18/05
Database Release Frequency: Annually

Date of Last EDR Contact: 04/18/05
Date of Next Scheduled EDR Contact: 07/18/05

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation
Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-576-2220
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: 02/01/01
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/23/05
Date of Next Scheduled EDR Contact: 05/23/05

LUST REG 2: Fuel Leak List
Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Date of Government Version: 09/30/04 — Date of Last EDR Contact: 04/11/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 07/11/05

LUST REG 3: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 05/19/03 — Date of Last EDR Contact: 02/14/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 05/16/05

LUST REG 4: Underground Storage Tank Leak List
Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/04 — Date of Last EDR Contact: 03/29/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 06/27/05

LUST REG 5: Leaking Underground Storage Tank Database
Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291

Date of Government Version: 04/01/05 — Date of Last EDR Contact: 04/19/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 07/04/05

LUST REG 6L: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/03 — Date of Last EDR Contact: 04/12/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 06/06/03

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 08/09/01 — Date of Last EDR Contact: 04/15/03
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 07/04/05

LUST REG 7: Leaking Underground Storage Tank Case Listing
Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 02/26/04 — Date of Last EDR Contact: 03/29/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 06/27/05

LUST REG 8: Leaking Underground Storage Tanks
Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-4130
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: 02/14/05 — Date of Last EDR Contact: 02/08/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 05/09/05

LUST REG 9: Leaking Underground Storage Tank Report
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
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: 03/01/01 — Date of Last EDR Contact: 04/19/05
Database Release Frequency: No Update Planned — Date of Next Scheduled EDR Contact: 07/18/05

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations
Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 04/03/03 — Date of Last EDR Contact: 02/23/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 05/23/05

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 09/30/04 — Date of Last EDR Contact: 04/11/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 07/11/05

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 03/21/05 — Date of Last EDR Contact: 02/14/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 05/23/05

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/17/04 — Date of Last EDR Contact: 04/25/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 07/25/05

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 04/01/05 — Date of Last EDR Contact: 04/05/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 07/04/05

SLIC REG 6L: SLIC Sites
Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574

Date of Government Version: 09/07/04 — Date of Last EDR Contact: 03/07/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 06/06/05

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 01/25/05 — Date of Last EDR Contact: 04/18/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 07/04/05

SLIC REG 7: SLIC List
Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491

Date of Government Version: 11/24/04 — Date of Last EDR Contact: 02/22/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 05/23/05

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298

Date of Government Version: 07/01/04 — Date of Last EDR Contact: 04/06/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 07/04/05

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 09/10/04 — Date of Last EDR Contact: 03/01/05
Database Release Frequency: Annually — Date of Next Scheduled EDR Contact: 05/30/05

EDR PROPRIETARY HISTORICAL DATABASES

EDR Historical Gas Station and Dry Cleaners: EDR has searched select national collections of business directories and has collected listings of potential dry cleaner and 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 dry cleaning and 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, dry cleaner, cleaners, laundry, laundromat, cleaning/laundry, wash & dry,* etc.

This information is meant to assist and complement environmental professionals in their conduct of environmental site assessments, and is not meant to be a substitute for a full historical investigation as defined in ASTM E1527. The information provided in this proprietary database may or may not be complete; i.e., the absence of a dry cleaner or gas station/filling station/service station site does not necessarily mean that such a site did not exist in the area covered by this report.

(A note on "dry cleaning" sites: it is not possible for EDR to differentiate between establishments that use PERC on-site as a cleaning solvent and sites that function simply as drop-off and pick-up locations or that are traditional wet cleaning/laundry facilities. Therefore, it is essential for environmental professionals to incorporate professional judgment in the evaluation of each site.)

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

BROWNFIELDS DATABASES

VCP: Voluntary Cleanup Program Properties
Source: Department of Toxic Substances Control
Telephone: 916-323-3400
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: 02/07/05 — Date of Last EDR Contact: 03/01/05
Database Release Frequency: Quarterly — Date of Next Scheduled EDR Contact: 05/30/05

US BROWNFIELDS: A Listing of Brownfields Sites
Source: Environmental Protection Agency
Telephone: 202-566-2777
Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients-States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 01/10/05 — Date of Last EDR Contact: 03/14/05
Database Release Frequency: Semi-Annually — Date of Next Scheduled EDR Contact: 06/13/05

US INST CONTROL: Sites with Institutional Controls
Source: Environmental Protection Agency
Telephone: 703-603-8867
A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/10/05 — Date of Last EDR Contact: 04/04/05
Database Release Frequency: Varies — Date of Next Scheduled EDR Contact: 07/04/05

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.

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data
Source: PennWell Corporation
Telephone: (800) 823-6277
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.

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, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

MANCHESTER COMPLEX ADDITION
595 THE CITY DRIVE
ORANGE, CA 92868

TARGET PROPERTY COORDINATES

Latitude (North):	33.779301 - 33° 46' 45.5"
Longitude (West):	117.888802 - 117° 53' 19.7"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	417706.6
UTM Y (Meters):	3737846.8
Elevation:	126 ft. above sea level

EDR's GeoCheck Physical Setting Source Addendum has been developed to assist the environmental professional with the collection of physical setting source information in accordance with ASTM 1527-00, Section 7.2.3. Section 7.2.3 requires that a current USGS 7.5 Minute Topographic Map (or equivalent, such as the USGS Digital Elevation Model) be reviewed. It also requires that one or more additional physical setting sources be sought when (1) conditions have been identified in which hazardous substances or petroleum products are likely to migrate to or from the property, and (2) more information than is provided in the current USGS 7.5 Minute Topographic Map (or equivalent) is generally obtained, pursuant to local good commercial or customary practice, to assess the impact of migration of recognized environmental conditions in connection with the property. Such additional physical setting sources generally include information about the topographic, hydrologic, hydrogeologic, and geologic characteristics of a site, and wells in the area.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata. 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.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

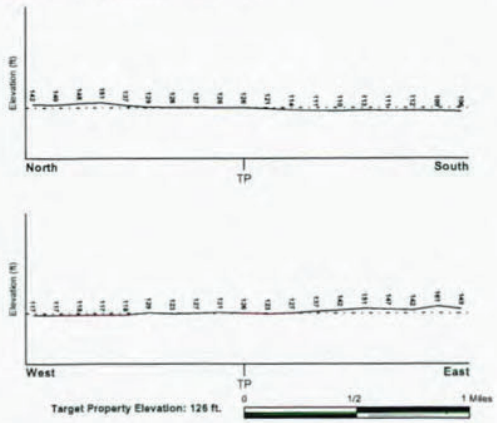
GROUNDWATER FLOW DIRECTION INFORMATION
Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface 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

USGS Topographic Map:	33117-G8 ANAHEIM, CA
General Topographic Gradient:	General South
Source:	USGS 7.5 min quad index

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

Target Property County	FEMA Flood Electronic Data
ORANGE, CA	YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	06059C0021E
Additional Panels in search area:	06059C0029E

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
ANAHEIM	Not Available

HYDROGEOLOGIC INFORMATION
Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	0 - 1/8 Mile NNE	NW
6	1/4 - 1/2 Mile SSE	S
8	1/2 - 1 Mile NNE	Not Reported
22	1/2 - 1 Mile NW	Not Reported
23	1/2 - 1 Mile NE	Not Reported
E24	1/2 - 1 Mile WSW	SSE
E25	1/2 - 1 Mile WSW	SSE
E31	1/2 - 1 Mile WSW	SE

For additional site information, refer to Physical Setting Source Map Findings.

* Site-specific hydrogeological data gathered by EDR's Aquiflow, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA reports(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	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).

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. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

Soil Layer Information

	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
clay
silt loam
clay loam
sandy loam
gravelly - sandy loam
loamy sand
fine sand
coarse sand
sand
gravelly - sand

Surficial Soil Types: loam
clay
silt loam
clay loam
sandy loam
gravelly - sandy loam
loamy sand
fine sand
coarse sand
sand
gravelly - sand

Shallow Soil Types: fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types: stratified
clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy loam

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

According to ASTM E 1527-00, Section 7.2.2, "one or more additional state or local sources of environmental records may be checked, in the discretion of the environmental professional, to enhance and supplement federal and state sources... Factors to consider in determining which local or additional state records, if any, should be checked include (1) whether they are reasonably ascertainable, (2) whether they are sufficiently useful, accurate, and complete in light of the objective of the records review (see 7.1.1), and (3) whether they are obtained, pursuant to local, good commercial or customary practice." One of the record sources listed in Section 7.2.2 is water well information. Water well information can be used to assist the environmental professional in assessing sources that may impact groundwater flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B4	USGS3124785	1/4 - 1/2 Mile SSW
B5	USGS3124783	1/4 - 1/2 Mile SSW
7	USGS3124803	1/4 - 1/2 Mile West
9	USGS3124821	1/2 - 1 Mile NE
C11	USGS3124771	1/2 - 1 Mile SSE
C18	USGS3124769	1/2 - 1 Mile SSE
C19	USGS3124770	1/2 - 1 Mile SSE
21	USGS3124765	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	5184	1/4 - 1/2 Mile NE
A3	5163	1/4 - 1/2 Mile NE
C10	6205	1/2 - 1 Mile SSE
D12	5180	1/2 - 1 Mile WNW
D13	5182	1/2 - 1 Mile WNW
D14	5154	1/2 - 1 Mile WNW
D15	5153	1/2 - 1 Mile WNW
D16	5178	1/2 - 1 Mile WNW
D17	5172	1/2 - 1 Mile WNW
20	5181	1/2 - 1 Mile WNW
F26	6206	1/2 - 1 Mile SSE
F27	6209	1/2 - 1 Mile SSE
F28	6203	1/2 - 1 Mile SSE
F29	5185	1/2 - 1 Mile SSE
F30	6204	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 1418027.2s



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

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

TARGET PROPERTY:	Manchester Complex Addition	CUSTOMER:	County of Orange/RDMD
ADDRESS:	595 The City Drive	CONTACT:	James Fortuna
CITY/STATE/ZIP:	Orange CA 92868	INQUIRY #:	1418027.2s
LAT/LONG:	33.7793 / 117.8888	DATE:	May 09, 2005 8:18 pm

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GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
1 NNE 0 - 1/8 Mile Higher	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	0830016007 NW 36.93 64.28 Not Reported 06/30/1999	AQUIFLOW	68310

A2
NE
1/4 - 1/2 Mile
Higher

CA WELLS 5184

Water System Information:

Prime Station Code:	04S/10W-36D03 S	User ID:	TEE
FRDS Number:	3010027013	County	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	334700.0 1175300.0	Precision:	Undefined
Source Name:	WELL 13 - INACTIVE		
System Number:	3010027		
System Name:	CITY OF ORANGE		
Organization That Operates System:	P O BOX 449 ORANGE 92666		
Pop Served:	116800	Connections:	30144
Area Served:	ORANGE		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	01/16/1986	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/16/1986	Findings:	2.300 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	01/16/1986	Findings:	1.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/20/1986	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/20/1986	Findings:	2.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	01/20/1986	Findings:	1.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/21/1986	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/21/1986	Findings:	2.300 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	01/21/1986	Findings:	1.700 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/12/1986	Findings:	.700 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/12/1986	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	02/12/1986	Findings:	7.200 UG/L
Chemical:	1,1-DICHLOROETHYLENE		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/12/1986	Findings:	26.599 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	02/12/1986	Findings:	.600 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	02/12/1986	Findings:	.600 UG/L
Chemical:	TRANS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/12/1986	Findings:	13.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/13/1986	Findings:	2.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/13/1986	Findings:	11.800 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	02/13/1986	Findings:	5.400 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	01/19/1987	Findings:	1.500 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	01/19/1987	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	01/19/1987	Findings:	11.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	01/19/1987	Findings:	40.399 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	01/19/1987	Findings:	1.100 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	01/19/1987	Findings:	2.600 UG/L
Chemical:	TRANS-1,2-DICHLOROETHYLENE		
Sample Collected:	01/19/1987	Findings:	40.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	02/03/1987	Findings:	1.600 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	02/03/1987	Findings:	1.200 UG/L
Chemical:	1,1-DICHLOROETHANE		
Sample Collected:	02/03/1987	Findings:	19.099 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	02/03/1987	Findings:	34.399 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	02/03/1987	Findings:	1.200 UG/L
Chemical:	1,2-DICHLOROETHANE		
Sample Collected:	02/03/1987	Findings:	2.700 UG/L
Chemical:	TRANS-1,2-DICHLOROETHYLENE		
Sample Collected:	02/03/1987	Findings:	40.599 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	05/27/1992	Findings:	3.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/27/1992	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/28/1992	Findings:	8.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/28/1992	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/28/1992	Findings:	10.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	12/02/1992	Findings:	4.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/02/1992	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/02/1992	Findings:	6.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/24/1993	Findings:	8.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/24/1993	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/24/1993	Findings:	8.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/24/1993	Findings:	1.400 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	08/24/1993	Findings:	4.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	08/24/1993	Findings:	6.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/24/1993	Findings:	.600 UG/L
Chemical:	CIS-1,2-DICHLOROETHYLENE		
Sample Collected:	08/24/1993	Findings:	1.330 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/24/1993	Findings:	3.540 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/17/1993	Findings:	6.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/17/1993	Findings:	1.330 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/17/1993	Findings:	3.540 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/19/1993	Findings:	678.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	11/19/1993	Findings:	159.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	11/19/1993	Findings:	193.900 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	11/19/1993	Findings:	257.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	11/19/1993	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	11/19/1993	Findings:	103.000 UG/L
Chemical:	BARIUM		
Sample Collected:	11/19/1993	Findings:	360.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/10/1994	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/10/1994	Findings:	1.400 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/10/1994	Findings:	3.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/10/1994	Findings:	1.330 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/10/1994	Findings:	3.540 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/15/1994	Findings:	.900 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	06/15/1994	Findings:	1.100 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	06/15/1994	Findings:	2.500 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	06/15/1994	Findings:	1.330 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/15/1994	Findings:	3.540 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/08/1994	Findings:	6.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/08/1994	Findings:	1440.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/01/1995	Findings:	.700 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	03/01/1995	Findings:	2.600 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/01/1995	Findings:	7.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/01/1995	Findings:	1660.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/22/1995	Findings:	.600 UG/L
Chemical:	1,1-DICHLOROETHYLENE		
Sample Collected:	05/22/1995	Findings:	.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	05/22/1995	Findings:	2.000 UG/L
Chemical:	TRICHLOROETHYLENE		

A3
NE
1/4 - 1/2 Mile
Higher

CA WELLS 5183

Water System Information:

Prime Station Code:	04S/10W-36C02 S	User ID:	TEE
FRDS Number:	3010027018	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	334700.0 1175300.0	Precision:	1 Mile (One Minute)
Source Name:	WELL 20		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 3010027
System Name: CITY OF ORANGE
Organization That Operates System:
P O BOX 449
ORANGE 92666
Pop Served: 116800 Connections: 30144
Area Served: ORANGE

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	12/14/1987	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/14/1987	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/14/1987	Findings:	1.500 PCI/L
Chemical:	GROSS BETA COUNTING ERROR		
Sample Collected:	02/28/1989	Findings:	562.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/28/1989	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	02/28/1989	Findings:	187.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	02/28/1989	Findings:	187.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/28/1989	Findings:	210.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	02/28/1989	Findings:	66.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/28/1989	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/28/1989	Findings:	39.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/28/1989	Findings:	6.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/28/1989	Findings:	32.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/28/1989	Findings:	.390 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/28/1989	Findings:	.050 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	02/28/1989	Findings:	506.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/28/1989	Findings:	3.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/26/1989	Findings:	6.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/26/1989	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/20/1989	Findings:	5.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/08/1990	Findings:	1.300 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/08/1990	Findings:	.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/06/1990	Findings:	6.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/06/1990	Findings:	2.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/06/1990	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/11/1991	Findings:	581.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/11/1991	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	06/11/1991	Findings:	160.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	06/11/1991	Findings:	160.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/11/1991	Findings:	213.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	06/11/1991	Findings:	69.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/11/1991	Findings:	10.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/11/1991	Findings:	38.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/11/1991	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/11/1991	Findings:	36.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/11/1991	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/11/1991	Findings:	354.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/11/1991	Findings:	4.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/11/1991	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/24/1993	Findings:	597.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/24/1993	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	08/24/1993	Findings:	154.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	08/24/1993	Findings:	187.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/24/1993	Findings:	210.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	08/24/1993	Findings:	66.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/24/1993	Findings:	11.000 MG/L
Chemical:	MAGNESIUM		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/24/1993	Findings:	37.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/24/1993	Findings:	2.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/24/1993	Findings:	38.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	08/24/1993	Findings:	388.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/24/1993	Findings:	4.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/24/1993	Findings:	5.840 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/24/1993	Findings:	1.830 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/24/1993	Findings:	5.670 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/24/1993	Findings:	.240 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	11/17/1993	Findings:	5.840 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/17/1993	Findings:	1.830 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/17/1993	Findings:	5.670 PCI/L
Chemical:	URANIUM		
Sample Collected:	11/17/1993	Findings:	.240 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	03/09/1994	Findings:	5.840 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/09/1994	Findings:	1.830 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/09/1994	Findings:	5.670 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/09/1994	Findings:	.240 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	06/14/1994	Findings:	5.840 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/14/1994	Findings:	1.830 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/14/1994	Findings:	5.670 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/14/1994	Findings:	.240 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	07/18/1994	Findings:	5.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/18/1994	Findings:	1150.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/08/1994	Findings:	4.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/08/1994	Findings:	990.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/22/1994	Findings:	4.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/22/1994	Findings:	930.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/01/1995	Findings:	5.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/01/1995	Findings:	1290.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/12/1997	Findings:	608.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/12/1997	Findings:	8.300
Chemical:	PH (LABORATORY)		
Sample Collected:	03/12/1997	Findings:	159.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	03/12/1997	Findings:	194.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/12/1997	Findings:	209.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	03/12/1997	Findings:	12.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/12/1997	Findings:	47.900 MG/L
Chemical:	SODIUM		
Sample Collected:	03/12/1997	Findings:	3.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/12/1997	Findings:	.340 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/12/1997	Findings:	3.300 UG/L
Chemical:	ARSENIC		
Sample Collected:	03/12/1997	Findings:	386.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/12/1997	Findings:	5.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/12/1997	Findings:	1160.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		

B4
SSW
1/4 - 1/2 Mile
Lower

FED USGS USGS3124785

Agency cd:	USGS	Site no:	334626117532401
Site name:	005S010W02B002S		
Latitude:	334626		
Longitude:	1175324	Dec lat:	33.7739056
Dec lon:	-117.89089057	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	NWNES027005R10WS
Location map:	ANAHEIM	Map scale:	24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude:	114.00	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	Santa Ana, California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19470225
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	136	Hole depth:	150
Source of depth data:	Not Reported	Project number:	479300200
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1976-12-28	Ground water data end date:	1976-12-28
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1976-12-28	94.00	

B5
SSW
1/4 - 1/2 Mile
Lower

FED USGS **USGS3124783**

Agency cd:	USGS	Site no:	334625117532301
Site name:	005S010W02B001S		
Latitude:	334625		
Longitude:	1175323	Dec lat:	33.77362783
Dec lon:	-117.89061278	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported	Altitude method:	Not Reported
Altitude accuracy:	2.5	Altitude datum:	Not Reported
Hydrologic:	Seal Beach, California. Area = 90 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1958-06-26
Water quality data end date:	1966-11-01	Water quality data count:	3
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

6
SSE
1/4 - 1/2 Mile
Lower

Site ID: 083000370T
Groundwater Flow: S
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 135
Date: 09/15/1995

AQUIFLOW **38991**

7
West
1/4 - 1/2 Mile
Higher

FED USGS **USGS3124803**

Agency cd:	USGS	Site no:	334646117534701
Site name:	004S010W35K001S		
Latitude:	334646		
Longitude:	1175347	Dec lat:	33.779461
Dec lon:	-117.89727976	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	NWSES35T04SR10WS
Location map:	ANAHEIM	Map scale:	24000
Altitude:	121.00	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	Seal Beach, California. Area = 90 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	300
Source of depth data:	Not Reported	Project number:	479300200
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1973-01-05	Ground water data end date:	1973-01-05
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1973-01-05	103.30	

8
NNE
1/2 - 1 Mile
Higher

Site ID: 083000274T
Groundwater Flow: Not Reported
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported
Average Water Depth: 79.8
Date: 01/29/1997

AQUIFLOW **54867**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

9
NE
1/2 - 1 Mile
Higher

FED USGS **USGS3124821**

Agency cd:	USGS	Site no:	334716117525301
Site name:	004S010W36C002S		
Latitude:	334715.7		
Longitude:	1175252.9	Dec lat:	33.78769444
Dec lon:	-117.88136111	Coor meth:	G
Coor accr:	S	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	ANAHEIM	Map scale:	24000
Altitude:	135	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Not Reported		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19860527
Date inventoried:	20001106	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	1150	Hole depth:	1210
Source of depth data:	loga	Project number:	479057500
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	2000-11-06
Water quality data end date:	2000-11-06	Water quality data count:	1
Ground water data begin date:	1986-00-00	Ground water data end date:	1986-00-00
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1986	106	

C10
SSE
1/2 - 1 Mile
Lower

CA WELLS **6205**

Water System Information:

Prime Station Code:	05S/10W-01E03.S	User ID:	TEE
FRDS Number:	3010038035	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	334610.0 1175300.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 36		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 3010038
System Name: City of Santa Ana
Organization That Operates System:
220 S. DAISY AVE., BLDG. A
SANTA ANA, CA 92703
Pop Served: 293700 Connections: 43613
Area Served: CITY OF SANTA ANA

Sample Information: *** Only Findings Above Detection Level Are Listed**

Sample Collected:	08/06/1990	Findings:	.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/08/1990	Findings:	3.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/08/1990	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/14/1991	Findings:	479.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/14/1991	Findings:	8.100
Chemical:	PH (LABORATORY)		
Sample Collected:	03/14/1991	Findings:	157.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	03/14/1991	Findings:	157.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/14/1991	Findings:	157.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	03/14/1991	Findings:	48.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/14/1991	Findings:	9.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/14/1991	Findings:	36.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/14/1991	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/14/1991	Findings:	22.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/14/1991	Findings:	.410 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/14/1991	Findings:	.060 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	03/14/1991	Findings:	290.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/14/1991	Findings:	4.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/14/1991	Findings:	100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/07/1991	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/07/1991	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	04/24/1994	Findings:	8.200 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/25/1994	Findings:	10.000 UNITS
Chemical:	COLOR		
Sample Collected:	05/25/1994	Findings:	2.500 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/29/1994	Findings:	3.550 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/29/1994	Findings:	1.650 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/26/1994	Findings:	3.550 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/26/1994	Findings:	1.650 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/06/1994	Findings:	3.550 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/06/1994	Findings:	1.650 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/13/1995	Findings:	10.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/13/1995	Findings:	2280.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/13/1995	Findings:	3.550 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/13/1995	Findings:	1.650 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/07/1995	Findings:	8.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/07/1995	Findings:	1960.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/21/1995	Findings:	10.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/21/1995	Findings:	9.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/21/1995	Findings:	2040.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/27/1995	Findings:	559.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/27/1995	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	03/27/1995	Findings:	8.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/30/1995	Findings:	6.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/30/1995	Findings:	1440.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/25/1995	Findings:	7.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/05/1995	Findings:	6.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/19/1995	Findings:	7.800 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	11/08/1995	Findings:	8.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/26/1995	Findings:	560.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/26/1995	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	12/26/1995	Findings:	158.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	12/26/1995	Findings:	192.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/26/1995	Findings:	208.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	12/26/1995	Findings:	64.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/26/1995	Findings:	13.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/26/1995	Findings:	30.000 MG/L
Chemical:	SODIUM		
Sample Collected:	12/26/1995	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/26/1995	Findings:	32.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/26/1995	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/26/1995	Findings:	306.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/26/1995	Findings:	7.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/26/1995	Findings:	1625.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/30/1996	Findings:	8.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/07/1996	Findings:	7.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/22/1996	Findings:	8.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/04/1996	Findings:	6.150 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/29/1996	Findings:	615.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/29/1996	Findings:	7.660
Chemical:	PH (LABORATORY)		
Sample Collected:	10/29/1996	Findings:	156.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	10/29/1996	Findings:	190.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/29/1996	Findings:	232.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	10/29/1996	Findings:	66.900 MG/L
Chemical:	CALCIUM		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	10/29/1996	Findings:	14.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/29/1996	Findings:	31.900 MG/L
Chemical:	SODIUM		
Sample Collected:	10/29/1996	Findings:	1.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/29/1996	Findings:	31.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/29/1996	Findings:	.480 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/29/1996	Findings:	3.400 UG/L
Chemical:	ARSENIC		
Sample Collected:	10/29/1996	Findings:	330.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/29/1996	Findings:	7.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/29/1996	Findings:	.400 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/29/1996	Findings:	1630.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/09/1996	Findings:	10.310 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/23/1997	Findings:	8.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/19/1997	Findings:	6.770 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/22/1997	Findings:	8.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/27/1997	Findings:	7.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/22/1997	Findings:	6.840 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/08/1997	Findings:	7.810 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/16/1997	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	09/16/1997	Findings:	570.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/16/1997	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	09/16/1997	Findings:	154.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	09/16/1997	Findings:	188.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/16/1997	Findings:	213.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	09/16/1997	Findings:	11.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/16/1997	Findings:	36.300 MG/L
Chemical:	SODIUM		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/16/1997	Findings:	2.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/16/1997	Findings:	.310 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/16/1997	Findings:	378.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/16/1997	Findings:	7.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/16/1997	Findings:	1750.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/23/1997	Findings:	590.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/23/1997	Findings:	7.750
Chemical:	PH (LABORATORY)		
Sample Collected:	09/23/1997	Findings:	158.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	09/23/1997	Findings:	193.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/23/1997	Findings:	213.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	09/23/1997	Findings:	67.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/23/1997	Findings:	13.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/23/1997	Findings:	32.400 MG/L
Chemical:	SODIUM		
Sample Collected:	09/23/1997	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/23/1997	Findings:	38.300 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/23/1997	Findings:	.351 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/23/1997	Findings:	332.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/23/1997	Findings:	9.370 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/23/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/23/1997	Findings:	2110.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/21/1997	Findings:	7.810 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/27/1998	Findings:	7.390 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C11
SSE
1/2 - 1 Mile
Lower | **FED USGS** | **USGS3124771**

Agency cd:	USGS	Site no:	334609117530401
Site name:	005S010W01E0035		
Latitude:	334609.1		
Longitude:	1175304.1	Dec lat:	33.76919444
Dec lon:	-117.68447222	Coor meth:	G
Coor accr:	S	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	ANAHEIM	Map scale:	24000
Altitude:	123	Altitude method:	R
Altitude accuracy:	12	Altitude datum:	NGVD29
Hydrologic:	Santa Ana California. Area = 1680 sq mi		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19671207
Date inventoried:	19990402	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Unconfined single aquifer		
Aquifer:	ALLUVIUM		
Well depth:	1310	Hole depth:	1510
Source of depth data:	other reported	Project number:	470652422
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1999-05-06
Water quality data end date:	2001-06-22	Water quality data count:	3
Ground water data begin date:	1999-04-26	Ground water data end date:	2004-05-24
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-05-24	151		1999-04-26	123	

D12
WNW
1/2 - 1 Mile
Lower | **CA WELLS** | **5180**

Water System Information:

Prime Station Code:	04S/10W-34R02 S	User ID:	TEE
FRDS Number:	3010062029	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	334700.0 1175400.0	Precision:	Undefined
Source Name:	WELL 064 - DESTROYED		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

System Number:	3010062		
System Name:	City of Garden Grove		
Organization That Operates System:	13802 NEWHOPE GARDEN GROVE, CA 92642		
Pop Served:	151807	Connections:	33251
Area Served:	GARDEN GROVE		

D13
WNW
1/2 - 1 Mile
Lower | **CA WELLS** | **5182**

Water System Information:

Prime Station Code:	04S/10W-35M02 S	User ID:	TEE
FRDS Number:	3010006001	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	334700.0 1175400.0	Precision:	1 Mile (One Minute)
Source Name:	FAIRLANE TRAILER PARK		
System Number:	3010006		
System Name:	FAIRLANE MOBILE LODGE		
Organization That Operates System:	12560 HASTER ST GARDEN GROVE 92640		
Pop Served:	500	Connections:	248
Area Served:	FAIRLANE TRAILER PK		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	08/20/1987	Findings:	1.400 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	01/14/1988	Findings:	1.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	08/03/1989	Findings:	2.000 TON
Chemical:	ODOR THRESHOLD @ 60 C		
Sample Collected:	08/03/1989	Findings:	692.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	08/03/1989	Findings:	8.100
Chemical:	PH (LABORATORY)		
Sample Collected:	08/03/1989	Findings:	200.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	08/03/1989	Findings:	200.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	08/03/1989	Findings:	306.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	08/03/1989	Findings:	93.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	08/03/1989	Findings:	18.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	08/03/1989	Findings:	82.000 MG/L
Chemical:	SODIUM		
Sample Collected:	08/03/1989	Findings:	3.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	08/03/1989	Findings:	81.000 MG/L
Chemical:	CHLORIDE		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	08/03/1989	Findings:	.520 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	08/03/1989	Findings:	202.000 UG/L
Chemical:	BARIUM		
Sample Collected:	08/03/1989	Findings:	23.000 UG/L
Chemical:	CHROMIUM (TOTAL)		
Sample Collected:	08/03/1989	Findings:	.030 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	08/03/1989	Findings:	568.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	08/03/1989	Findings:	21.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/03/1989	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/21/1989	Findings:	3.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/21/1989	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/21/1989	Findings:	7.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	11/07/1989	Findings:	2.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/07/1989	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/07/1989	Findings:	.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	02/06/1990	Findings:	4.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	02/06/1990	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	02/06/1990	Findings:	7.800 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	02/06/1990	Findings:	.600 UG/L
Chemical:	DIBROMOCHLOROMETHANE (THM)		
Sample Collected:	02/06/1990	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	02/06/1990	Findings:	7.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	05/23/1990	Findings:	3.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/23/1990	Findings:	1.700 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/23/1990	Findings:	891.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	05/23/1990	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	05/23/1990	Findings:	177.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	05/23/1990	Findings:	177.000 MG/L
Chemical:	BICARBONATE ALKALINITY		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/23/1990	Findings:	301.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	05/23/1990	Findings:	94.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	05/23/1990	Findings:	16.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	05/23/1990	Findings:	63.000 MG/L
Chemical:	SODIUM		
Sample Collected:	05/23/1990	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	05/23/1990	Findings:	83.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	05/23/1990	Findings:	.540 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	05/23/1990	Findings:	231.000 UG/L
Chemical:	BARIUM		
Sample Collected:	05/23/1990	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	05/23/1990	Findings:	.080 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	05/23/1990	Findings:	590.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	05/23/1990	Findings:	21.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/23/1990	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	05/23/1990	Findings:	10.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/22/1990	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	03/05/1991	Findings:	.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	05/30/1991	Findings:	.800 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	07/02/1991	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	07/02/1991	Findings:	909.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/02/1991	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	07/02/1991	Findings:	197.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	07/02/1991	Findings:	197.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/02/1991	Findings:	318.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	07/02/1991	Findings:	101.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/02/1991	Findings:	16.000 MG/L
Chemical:	MAGNESIUM		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/02/1991	Findings:	63.000 MG/L
Chemical:	SODIUM		
Sample Collected:	07/02/1991	Findings:	4.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/02/1991	Findings:	89.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/02/1991	Findings:	.510 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/02/1991	Findings:	120.000 UG/L
Chemical:	BARIUM		
Sample Collected:	07/02/1991	Findings:	.020 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	07/02/1991	Findings:	574.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/02/1991	Findings:	22.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/02/1991	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	11/22/1991	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	06/24/1992	Findings:	1.000 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/02/1992	Findings:	1.000 UG/L
Chemical:	CHLOROFORM (THM)		
Sample Collected:	12/02/1992	Findings:	1.400 UG/L
Chemical:	DICHLORODIFLUOROMETHANE		
Sample Collected:	09/01/1993	Findings:	1.100 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	09/01/1993	Findings:	5.460 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/01/1993	Findings:	1.740 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/01/1993	Findings:	7.790 PCI/L
Chemical:	URANIUM		
Sample Collected:	09/01/1993	Findings:	.360 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	11/22/1993	Findings:	1.100 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	11/22/1993	Findings:	23.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/22/1993	Findings:	5.460 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/22/1993	Findings:	1.740 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/22/1993	Findings:	7.790 PCI/L
Chemical:	URANIUM		
Sample Collected:	11/22/1993	Findings:	.360 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	03/18/1994	Findings:	1.100 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/18/1994	Findings:	5.460 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/18/1994	Findings:	1.740 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/18/1994	Findings:	7.790 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/18/1994	Findings:	.360 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	05/23/1994	Findings:	24.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/23/1994	Findings:	5610.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/23/1994	Findings:	5.460 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	05/23/1994	Findings:	1.740 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	05/23/1994	Findings:	7.790 PCI/L
Chemical:	URANIUM		
Sample Collected:	05/23/1994	Findings:	.360 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	06/24/1994	Findings:	24.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/24/1994	Findings:	5540.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/26/1994	Findings:	1.200 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	10/26/1994	Findings:	22.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/26/1994	Findings:	5100.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	02/15/1995	Findings:	1.000 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	02/15/1995	Findings:	25.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/15/1995	Findings:	5660.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/23/1995	Findings:	.800 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	05/23/1995	Findings:	22.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/23/1995	Findings:	5120.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/14/1995	Findings:	1.100 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	09/14/1995	Findings:	24.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/28/1995	Findings:	1.100 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	11/28/1995	Findings:	23.500 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/14/1996	Findings:	1.000 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	03/14/1996	Findings:	24.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/26/1996	Findings:	1.000 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	07/01/1996	Findings:	21.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/29/1996	Findings:	1.000 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	08/29/1996	Findings:	20.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/05/1996	Findings:	1.100 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/05/1996	Findings:	20.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/26/1996	Findings:	1.200 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	12/27/1996	Findings:	.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	03/19/1997	Findings:	855.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/19/1997	Findings:	8.300
Chemical:	PH (LABORATORY)		
Sample Collected:	03/19/1997	Findings:	189.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	03/19/1997	Findings:	230.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/19/1997	Findings:	265.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	03/19/1997	Findings:	.410 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/19/1997	Findings:	1.000 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	03/19/1997	Findings:	556.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/19/1997	Findings:	17.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/19/1997	Findings:	1.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/19/1997	Findings:	4020.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/09/1997	Findings:	20.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/16/1997	Findings:	.800 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	09/16/1997	Findings:	19.800 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
D14	**CA WELLS**	**5154**
WNW		
1/2 - 1 Mile		
Lower		

Water System Information:

Prime Station Code:	04S/10W-26P01 S	User ID:	TEE
FRDS Number:	3010027007	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	334700.0 1175400.0	Precision:	Undefined
Source Name:	WELL 07 - DESTROYED		
System Number:	3010027		
System Name:	CITY OF ORANGE		
Organization That Operates System:	P O BOX 449 ORANGE 92666		
Pop Served:	116800	Connections:	30144
Area Served:	ORANGE		

D15	**CA WELLS**	**5153**	
WNW			
1/2 - 1 Mile			
Lower			

Water System Information:

Prime Station Code:	04S/10W-26N01 S	User ID:	TEE
FRDS Number:	3010027003	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	334700.0 1175400.0	Precision:	Undefined
Source Name:	WELL 03		
System Number:	3010027		
System Name:	CITY OF ORANGE		
Organization That Operates System:	P O BOX 449 ORANGE 92666		
Pop Served:	116800	Connections:	30144
Area Served:	ORANGE		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	03/10/1986	Findings:	5.300 UG/L
Chemical:	TRICHLOROFLUOROMETHANE		
Sample Collected:	03/10/1986	Findings:	.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	10/07/1986	Findings:	.700 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	05/20/1987	Findings:	.600 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		
Sample Collected:	02/28/1989	Findings:	982.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	02/28/1989	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	02/28/1989	Findings:	193.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/26/1989	Findings:	193.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	02/26/1989	Findings:	323.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	02/26/1989	Findings:	96.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	02/26/1989	Findings:	19.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	02/26/1989	Findings:	76.000 MG/L
Chemical:	SODIUM		
Sample Collected:	02/26/1989	Findings:	3.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	02/26/1989	Findings:	93.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	02/26/1989	Findings:	.460 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	02/26/1989	Findings:	.050 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	02/26/1989	Findings:	650.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	02/26/1989	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/06/1989	Findings:	7.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/06/1989	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/20/1989	Findings:	6.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/08/1990	Findings:	4.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/08/1990	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/08/1990	Findings:	9.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/06/1990	Findings:	8.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/06/1990	Findings:	4.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/06/1990	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/11/1991	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	06/11/1991	Findings:	200.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	06/11/1991	Findings:	200.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/11/1991	Findings:	317.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	06/11/1991	Findings:	99.000 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/11/1991	Findings:	17.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/11/1991	Findings:	73.000 MG/L
Chemical:	SODIUM		
Sample Collected:	06/11/1991	Findings:	4.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/11/1991	Findings:	94.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/11/1991	Findings:	.330 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/11/1991	Findings:	.040 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	06/11/1991	Findings:	1020.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/11/1991	Findings:	26.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/11/1991	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	08/24/1993	Findings:	26.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/24/1993	Findings:	6.340 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/24/1993	Findings:	1.860 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/24/1993	Findings:	5.510 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/24/1993	Findings:	.240 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	11/17/1993	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/17/1993	Findings:	6.340 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/17/1993	Findings:	1.860 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/17/1993	Findings:	5.510 PCI/L
Chemical:	URANIUM		
Sample Collected:	11/17/1993	Findings:	.240 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	03/10/1994	Findings:	6.340 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/10/1994	Findings:	1.860 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/10/1994	Findings:	5.510 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/10/1994	Findings:	.240 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	06/15/1994	Findings:	6.340 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/15/1994	Findings:	1.860 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/15/1994	Findings:	5.510 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/15/1994	Findings:	.240 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	09/06/1994	Findings:	25.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/06/1994	Findings:	5850.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/22/1994	Findings:	22.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/22/1994	Findings:	5020.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/02/1995	Findings:	25.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/22/1995	Findings:	22.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/22/1995	Findings:	5180.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	08/14/1995	Findings:	23.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/04/1995	Findings:	24.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/12/1996	Findings:	23.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/13/1996	Findings:	20.980 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/12/1997	Findings:	949.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/12/1997	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	03/12/1997	Findings:	195.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	03/12/1997	Findings:	238.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/12/1997	Findings:	293.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	03/12/1997	Findings:	.490 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/12/1997	Findings:	4.000 UG/L
Chemical:	ARSENIC		
Sample Collected:	03/12/1997	Findings:	618.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/12/1997	Findings:	20.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/12/1997	Findings:	4570.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	05/27/1997	Findings:	20.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/21/1997	Findings:	20.760 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
D16	**CA WELLS**	**5176**
WNW		
1/2 - 1 Mile		
Lower		

Water System Information:

Prime Station Code:	04S/10W-34K01 S	User ID:	TEE
FRDS Number:	3010062027	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	334700.0 1175400.0	Precision:	Undefined
Source Name:	WELL 059 - DESTROYED		
System Number:	3010062		
System Name:	City of Garden Grove		
Organization That Operates System:	13802 NEWHOPE GARDEN GROVE, CA 92642		
Pop Served:	151807	Connections:	33251
Area Served:	GARDEN GROVE		

D17	**CA WELLS**	**5172**	
WNW			
1/2 - 1 Mile			
Lower			

Water System Information:

Prime Station Code:	04S/10W-34B01 S	User ID:	TEE
FRDS Number:	3010062028	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	334700.0 1175400.0	Precision:	Undefined
Source Name:	WELL 060 - DESTROYED		
System Number:	3010062		
System Name:	City of Garden Grove		
Organization That Operates System:	13802 NEWHOPE GARDEN GROVE, CA 92642		
Pop Served:	151807	Connections:	33251
Area Served:	GARDEN GROVE		

Sample Information: * Only Findings Above Detection Level Are Listed

C18	**FED USGS**	**USGS3124769**
SSE		
1/2 - 1 Mile		
Lower		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	334607117530101
Site name:	005S010W01E001S		
Latitude:	334607		
Longitude:	1175301	Dec lat:	33.76862797
Dec lon:	-117.88450138	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	Not Reported	Altitude method:	Not Reported
Altitude accuracy:	2.5	Altitude datum:	Not Reported
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported	Project number:	Not Reported
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1937-09-04
Water quality data end date:	1961-12-19	Water quality data count:	14
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

C19
SSE
1/2 - 1 Mile
Lower

FED USGS USGS3124770

Agency cd:	USGS	Site no:	334608117525601
Site name:	005S010W01E002S		
Latitude:	334608		
Longitude:	1175256	Dec lat:	33.76890575
Dec lon:	-117.88311246	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	ANAHEIM	Map scale:	24000
Altitude:	121	Altitude method:	M
Altitude accuracy:	5	Altitude datum:	NGVD29
Hydrologic:	Santa Ana. California. Area = 1680 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20000816	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Unconfined single aquifer		
Aquifer:	ALLUVIUM (QUATERNARY)		
Well depth:	654	Hole depth:	950
Source of depth data:	other reported	Project number:	470652422
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count:	0	Water quality data begin date:	1960-11-28
Water quality data end date:	2001-08-22	Water quality data count:	8
Ground water data begin date:	2000-09-25	Ground water data end date:	2000-09-25
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2000-09-25	143	

20
WNW
1/2 - 1 Mile
Lower

CA WELLS 5181

Water System Information:

Prime Station Code:	04S/10W-35E02 S	User ID:	TEE
FRDS Number:	3000762001	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	334655.0 1175406.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01 - DESTROYED		
System Number:	3000762		
System Name:	GLENHAVEN MOBILELODGE		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	02/05/1986	Findings:	.800 UG/L
Chemical:	1,1,1-TRICHLOROETHANE		

21
SSW
1/2 - 1 Mile
Lower

FED USGS USGS3124765

Agency cd:	USGS	Site no:	334603117533301
Site name:	005S010W02K002S		
Latitude:	334602.9		
Longitude:	1175333.2	Dec lat:	33.76747222
Dec lon:	-117.89255556	Coor meth:	G
Coor accr:	S	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	059
Country:	US	Land net:	Not Reported
Location map:	ANAHEIM	Map scale:	24000
Altitude:	110	Altitude method:	M
Altitude accuracy:	2.5	Altitude datum:	NGVD29
Hydrologic:	Not Reported		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	196502
Date inventoried:	20001107	Mean greenwich time offset:	PST
Local standard time flag:	Y	Type of ground water site:	Single well, other than collector or Ranney type
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	688	Hole depth:	688
Source of depth data:	logs	Project number:	470657500
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Peak flow data count:	0	Water quality data begin date:	2000-11-07
Water quality data end date:	2000-11-07	Water quality data count:	1
Ground water data begin date:	1965-00-00	Ground water data end date:	1965-00-00
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1965	80	

22
NW
1/2 - 1 Mile
Higher

AQUIFLOW 67255

Site ID:	0830022207		
Groundwater Flow:	Not Reported		
Shallow Water Depth:	64.64		
Deep Water Depth:	261		
Average Water Depth:	Not Reported		
Date:	11/22/1996		

23
NE
1/2 - 1 Mile
Higher

AQUIFLOW 69401

Site ID:	0830029137		
Groundwater Flow:	Not Reported		
Shallow Water Depth:	77 ft		
Deep Water Depth:	84 ft		
Average Water Depth:	Not Reported		
Date:	10/06/1997		

E24
WSW
1/2 - 1 Mile
Lower

AQUIFLOW 54947

Site ID:	0830002767		
Groundwater Flow:	SSE		
Shallow Water Depth:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	26.13		
Date:	12/29/1998		

E25
WSW
1/2 - 1 Mile
Lower

AQUIFLOW 54948

Site ID:	0830002767		
Groundwater Flow:	SSE		
Shallow Water Depth:	Not Reported		
Deep Water Depth:	Not Reported		
Average Water Depth:	26.13		
Date:	12/29/1998		

F26
SSE
1/2 - 1 Mile
Lower

CA WELLS 6208

Water System Information:

Prime Station Code:	05S/10W-02G01 S	User ID:	TEE
FRDS Number:	3010038024	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	334800.0 1175300.0	Precision:	Undefined
Source Name:	WELL 23 - DESTROYED		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

System Number:	3010038		
System Name:	City of Santa Ana		
Organization That Operates System:	220 S. DAISY AVE., BLDG. A SANTA ANA, CA 92703		
Pop Served:	293700	Connections:	43613
Area Served:	CITY OF SANTA ANA		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/11/1987	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/11/1987	Findings:	8.050
Chemical:	PH (LABORATORY)		
Sample Collected:	06/11/1987	Findings:	154.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	06/11/1987	Findings:	188.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/11/1987	Findings:	160.400 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	06/11/1987	Findings:	59.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/11/1987	Findings:	7.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/11/1987	Findings:	29.100 MG/L
Chemical:	SODIUM		
Sample Collected:	06/11/1987	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/11/1987	Findings:	19.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/11/1987	Findings:	.800 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/11/1987	Findings:	291.500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/11/1987	Findings:	4.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/16/1987	Findings:	520.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/16/1987	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	12/16/1987	Findings:	160.100 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	12/16/1987	Findings:	195.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/16/1987	Findings:	186.400 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	12/16/1987	Findings:	67.200 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/16/1987	Findings:	4.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/16/1987	Findings:	33.900 MG/L
Chemical:	SODIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/16/1987	Findings:	2.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/16/1987	Findings:	29.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/16/1987	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/16/1987	Findings:	70.000 UG/L
Chemical:	ZINC		
Sample Collected:	12/16/1987	Findings:	331.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/16/1987	Findings:	5.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/30/1988	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/30/1988	Findings:	7.580
Chemical:	PH (LABORATORY)		
Sample Collected:	06/30/1988	Findings:	162.400 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	06/30/1988	Findings:	198.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/30/1988	Findings:	197.800 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	06/30/1988	Findings:	61.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/30/1988	Findings:	10.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/30/1988	Findings:	26.300 MG/L
Chemical:	SODIUM		
Sample Collected:	06/30/1988	Findings:	2.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/30/1988	Findings:	23.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/30/1988	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/30/1988	Findings:	306.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/30/1988	Findings:	4.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/30/1988	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		

F27
SSE
1/2 - 1 Mile
Lower

CA WELLS 6209

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water System Information:

Prime Station Code:	05S/10W-02K02 S	User ID:	TEE
FRDS Number:	3010038025	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	334600.0 1175300.0	Precision:	Undefined
Source Name:	WELL 24		
System Number:	3010038		
System Name:	City of Santa Ana		
Organization That Operates System:	220 S. DAISY AVE., BLDG. A SANTA ANA, CA 92703		
Pop Served:	293700	Connections:	43613
Area Served:	CITY OF SANTA ANA		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/22/1987	Findings:	720.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/22/1987	Findings:	7.990
Chemical:	PH (LABORATORY)		
Sample Collected:	06/22/1987	Findings:	170.300 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	06/22/1987	Findings:	207.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/22/1987	Findings:	275.600 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	06/22/1987	Findings:	93.400 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/22/1987	Findings:	10.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/22/1987	Findings:	38.900 MG/L
Chemical:	SODIUM		
Sample Collected:	06/22/1987	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/22/1987	Findings:	43.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/22/1987	Findings:	1.100 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/22/1987	Findings:	462.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/22/1987	Findings:	26.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/16/1987	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/16/1987	Findings:	8.030
Chemical:	PH (LABORATORY)		
Sample Collected:	12/16/1987	Findings:	163.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	12/16/1987	Findings:	199.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/16/1987	Findings:	184.800 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/16/1987	Findings:	80.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/16/1987	Findings:	8.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/16/1987	Findings:	32.600 MG/L
Chemical:	SODIUM		
Sample Collected:	12/16/1987	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/16/1987	Findings:	24.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/16/1987	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/16/1987	Findings:	80.000 UG/L
Chemical:	ZINC		
Sample Collected:	12/16/1987	Findings:	336.500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/16/1987	Findings:	3.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/30/1988	Findings:	1.000 UNITS
Chemical:	COLOR		
Sample Collected:	06/30/1988	Findings:	276.100 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/30/1988	Findings:	7.640
Chemical:	PH (LABORATORY)		
Sample Collected:	06/30/1988	Findings:	160.100 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	06/30/1988	Findings:	195.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/30/1988	Findings:	180.400 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	06/30/1988	Findings:	60.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/30/1988	Findings:	6.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/30/1988	Findings:	26.100 MG/L
Chemical:	SODIUM		
Sample Collected:	06/30/1988	Findings:	2.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/30/1988	Findings:	19.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/30/1988	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/30/1988	Findings:	3.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/03/1989	Findings:	510.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/03/1989	Findings:	7.850
Chemical:	PH (LABORATORY)		
Sample Collected:	01/03/1989	Findings:	159.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/03/1989	Findings:	194.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/03/1989	Findings:	168.800 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	01/03/1989	Findings:	58.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/03/1989	Findings:	10.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/03/1989	Findings:	25.200 MG/L
Chemical:	SODIUM		
Sample Collected:	01/03/1989	Findings:	3.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/03/1989	Findings:	23.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/03/1989	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/03/1989	Findings:	2.500 MG/L
Chemical:	SILICA		
Sample Collected:	01/03/1989	Findings:	316.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/03/1989	Findings:	4.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/03/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/02/1989	Findings:	457.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/02/1989	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	03/02/1989	Findings:	152.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	03/02/1989	Findings:	152.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/02/1989	Findings:	169.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	03/02/1989	Findings:	52.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/02/1989	Findings:	9.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/02/1989	Findings:	34.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/02/1989	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/02/1989	Findings:	20.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/02/1989	Findings:	.460 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/02/1989	Findings:	130.000 UG/L
Chemical:	BARIUM		
Sample Collected:	03/02/1989	Findings:	.050 UG/L
Chemical:	FOAMING AGENTS (MBAS)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/02/1989	Findings:	296.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/02/1989	Findings:	3.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/20/1989	Findings:	1.200 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/20/1989	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/16/1989	Findings:	3.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	11/16/1989	Findings:	3.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/16/1989	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/14/1990	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/14/1990	Findings:	.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/04/1990	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/04/1990	Findings:	1.000 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/14/1991	Findings:	461.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/14/1991	Findings:	8.100
Chemical:	PH (LABORATORY)		
Sample Collected:	03/14/1991	Findings:	163.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	03/14/1991	Findings:	163.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/14/1991	Findings:	186.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	03/14/1991	Findings:	60.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/14/1991	Findings:	8.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/14/1991	Findings:	32.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/14/1991	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/14/1991	Findings:	22.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/14/1991	Findings:	.460 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/14/1991	Findings:	.060 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	03/14/1991	Findings:	290.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/14/1991	Findings:	3.900 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/22/1992	Findings:	500.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/22/1992	Findings:	7.900
Chemical:	PH (LABORATORY)		
Sample Collected:	07/22/1992	Findings:	167.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	07/22/1992	Findings:	204.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/22/1992	Findings:	184.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	07/22/1992	Findings:	56.700 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/22/1992	Findings:	10.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/22/1992	Findings:	32.300 MG/L
Chemical:	SODIUM		
Sample Collected:	07/22/1992	Findings:	2.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/22/1992	Findings:	27.700 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/22/1992	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/22/1992	Findings:	110.000 UG/L
Chemical:	BARIUM		
Sample Collected:	07/22/1992	Findings:	17.000 UG/L
Chemical:	LEAD		
Sample Collected:	07/22/1992	Findings:	259.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/22/1992	Findings:	4.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/24/1994	Findings:	17.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/25/1994	Findings:	.600 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/29/1994	Findings:	5.580 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/29/1994	Findings:	1.930 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1994	Findings:	3.040 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/29/1994	Findings:	.130 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	09/28/1994	Findings:	5.580 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/28/1994	Findings:	1.930 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/28/1994	Findings:	3.040 PCI/L
Chemical:	URANIUM		
Sample Collected:	09/28/1994	Findings:	.130 PCI/L
Chemical:	URANIUM COUNTING ERROR		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/06/1994	Findings:	17.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/06/1994	Findings:	3930.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/06/1994	Findings:	5.580 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/06/1994	Findings:	1.930 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/06/1994	Findings:	3.040 PCI/L
Chemical:	URANIUM		
Sample Collected:	12/06/1994	Findings:	.130 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	01/13/1995	Findings:	16.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/13/1995	Findings:	3780.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/13/1995	Findings:	5.580 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/13/1995	Findings:	1.930 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/13/1995	Findings:	3.040 PCI/L
Chemical:	URANIUM		
Sample Collected:	01/13/1995	Findings:	.130 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	03/21/1995	Findings:	19.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/06/1995	Findings:	17.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/30/1995	Findings:	18.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/30/1995	Findings:	4120.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/25/1995	Findings:	17.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/05/1995	Findings:	18.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/19/1995	Findings:	17.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/08/1995	Findings:	19.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/26/1995	Findings:	750.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/26/1995	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	12/26/1995	Findings:	165.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	12/26/1995	Findings:	202.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/26/1995	Findings:	296.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/26/1995	Findings:	87.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/26/1995	Findings:	17.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/26/1995	Findings:	40.300 MG/L
Chemical:	SODIUM		
Sample Collected:	12/26/1995	Findings:	2.400 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/26/1995	Findings:	66.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/26/1995	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/26/1995	Findings:	119.000 UG/L
Chemical:	BARIUM		
Sample Collected:	12/26/1995	Findings:	434.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/26/1995	Findings:	18.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/26/1995	Findings:	4221.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/30/1996	Findings:	29.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/26/1996	Findings:	20.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/07/1996	Findings:	18.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/22/1996	Findings:	20.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/29/1996	Findings:	19.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/17/1996	Findings:	32.820 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/17/1996	Findings:	920.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/17/1996	Findings:	7.950
Chemical:	PH (LABORATORY)		
Sample Collected:	12/17/1996	Findings:	189.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	12/17/1996	Findings:	230.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/17/1996	Findings:	348.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	12/17/1996	Findings:	110.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/17/1996	Findings:	20.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/17/1996	Findings:	46.100 MG/L
Chemical:	SODIUM		
Sample Collected:	12/17/1996	Findings:	2.700 MG/L
Chemical:	POTASSIUM		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/17/1996	Findings:	82.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/17/1996	Findings:	.650 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/17/1996	Findings:	2.200 UG/L
Chemical:	ARSENIC		
Sample Collected:	12/17/1996	Findings:	150.000 UG/L
Chemical:	BARIUM		
Sample Collected:	12/17/1996	Findings:	519.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/17/1996	Findings:	35.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/17/1996	Findings:	.800 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	12/17/1996	Findings:	7930.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/23/1997	Findings:	37.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/19/1997	Findings:	19.090 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/22/1997	Findings:	39.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/27/1997	Findings:	20.090 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/22/1997	Findings:	20.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/08/1997	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	09/08/1997	Findings:	792.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/08/1997	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	09/08/1997	Findings:	166.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	09/08/1997	Findings:	202.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/08/1997	Findings:	290.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	09/08/1997	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/08/1997	Findings:	120.000 UG/L
Chemical:	BARIUM		
Sample Collected:	09/08/1997	Findings:	492.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/08/1997	Findings:	19.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/08/1997	Findings:	4390.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/23/1997	Findings:	805.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/23/1997	Findings:	7.730
Chemical:	PH (LABORATORY)		
Sample Collected:	09/23/1997	Findings:	172.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	09/23/1997	Findings:	210.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/23/1997	Findings:	304.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	09/23/1997	Findings:	94.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/23/1997	Findings:	19.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/23/1997	Findings:	39.800 MG/L
Chemical:	SODIUM		
Sample Collected:	09/23/1997	Findings:	2.500 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/23/1997	Findings:	76.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/23/1997	Findings:	.381 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/23/1997	Findings:	145.000 UG/L
Chemical:	BARIUM		
Sample Collected:	09/23/1997	Findings:	470.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/23/1997	Findings:	21.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/23/1997	Findings:	.300 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/23/1997	Findings:	4740.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/21/1997	Findings:	33.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/27/1998	Findings:	27.900 MG/L
Chemical:	NITRATE (AS NO3)		

F28
SSE
1/2 - 1 Mile
Lower

CA WELLS **6203**

Water System Information:

Prime Station Code:	05S/10W-01E01 S	User ID:	TEE
FRDS Number:	3010038016	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	334600.0 1175300.0	Precision:	Undefined
Source Name:	WELL 14		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

System Number: 3010038
System Name: City of Santa Ana
Organization That Operates System: 220 S. DAISY AVE., BLDG. A SANTA ANA, CA 92703
Pop Served: 293700 Connections: 43613
Area Served: CITY OF SANTA ANA

Sample Information: *** Only Findings Above Detection Level Are Listed**

Sample Collected:	06/12/1987	Findings:	740.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/12/1987	Findings:	7.960
Chemical:	PH (LABORATORY)		
Sample Collected:	06/12/1987	Findings:	149.600 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	06/12/1987	Findings:	182.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/12/1987	Findings:	279.200 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	06/12/1987	Findings:	94.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/12/1987	Findings:	10.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/12/1987	Findings:	36.300 MG/L
Chemical:	SODIUM		
Sample Collected:	06/12/1987	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/12/1987	Findings:	48.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/12/1987	Findings:	.900 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/12/1987	Findings:	415.100 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/12/1987	Findings:	18.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/16/1987	Findings:	750.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/16/1987	Findings:	7.780
Chemical:	PH (LABORATORY)		
Sample Collected:	12/16/1987	Findings:	162.800 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	12/16/1987	Findings:	198.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/16/1987	Findings:	285.600 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	12/16/1987	Findings:	99.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/16/1987	Findings:	9.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/16/1987	Findings:	40.400 MG/L
Chemical:	SODIUM		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	12/16/1987	Findings:	1.800 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/16/1987	Findings:	54.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/16/1987	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/16/1987	Findings:	60.000 UG/L
Chemical:	ZINC		
Sample Collected:	12/16/1987	Findings:	468.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/16/1987	Findings:	15.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/05/1988	Findings:	740.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/05/1988	Findings:	7.390
Chemical:	PH (LABORATORY)		
Sample Collected:	07/05/1988	Findings:	169.700 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	07/05/1988	Findings:	207.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/05/1988	Findings:	280.800 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	07/05/1988	Findings:	87.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/05/1988	Findings:	15.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/05/1988	Findings:	40.400 MG/L
Chemical:	SODIUM		
Sample Collected:	07/05/1988	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/05/1988	Findings:	53.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/05/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/05/1988	Findings:	427.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/05/1988	Findings:	18.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/05/1988	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/03/1989	Findings:	770.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/03/1989	Findings:	7.650
Chemical:	PH (LABORATORY)		
Sample Collected:	01/03/1989	Findings:	170.700 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	01/03/1989	Findings:	206.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/03/1989	Findings:	290.800 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/03/1989	Findings:	97.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/03/1989	Findings:	11.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/03/1989	Findings:	45.600 MG/L
Chemical:	SODIUM		
Sample Collected:	01/03/1989	Findings:	3.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/03/1989	Findings:	62.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/03/1989	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/03/1989	Findings:	477.400 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/03/1989	Findings:	24.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/03/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/02/1989	Findings:	714.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/02/1989	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	03/02/1989	Findings:	163.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	03/02/1989	Findings:	163.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/02/1989	Findings:	272.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	03/02/1989	Findings:	84.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/02/1989	Findings:	15.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/02/1989	Findings:	42.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/02/1989	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/02/1989	Findings:	59.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/02/1989	Findings:	.410 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/02/1989	Findings:	160.000 UG/L
Chemical:	BARIUM		
Sample Collected:	03/02/1989	Findings:	.050 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	03/02/1989	Findings:	466.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/02/1989	Findings:	18.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/19/1989	Findings:	3.200 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/19/1989	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/15/1989	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/15/1989	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/12/1990	Findings:	2.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/12/1990	Findings:	1.500 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/13/1991	Findings:	633.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/13/1991	Findings:	7.400
Chemical:	PH (LABORATORY)		
Sample Collected:	03/13/1991	Findings:	176.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	03/13/1991	Findings:	176.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/13/1991	Findings:	227.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	03/13/1991	Findings:	71.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/13/1991	Findings:	13.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/13/1991	Findings:	42.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/13/1991	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/13/1991	Findings:	47.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/13/1991	Findings:	.470 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/13/1991	Findings:	.050 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	03/13/1991	Findings:	380.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/13/1991	Findings:	14.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/21/1992	Findings:	740.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/21/1992	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	07/21/1992	Findings:	194.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	07/21/1992	Findings:	236.700 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/21/1992	Findings:	291.200 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	07/21/1992	Findings:	96.100 MG/L
Chemical:	CALCIUM		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/21/1992	Findings:	12.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/21/1992	Findings:	37.200 MG/L
Chemical:	SODIUM		
Sample Collected:	07/21/1992	Findings:	2.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/21/1992	Findings:	52.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/21/1992	Findings:	.500 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/21/1992	Findings:	165.000 UG/L
Chemical:	BARIUM		
Sample Collected:	07/21/1992	Findings:	395.500 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/21/1992	Findings:	20.900 MG/L
Chemical:	NITRATE (AS NO3)		

F29
SSE
1/2 - 1 Mile
Lower

CA WELLS **5185**

Water System Information:

Prime Station Code:	04S/10W-36Q01 S	User ID:	TEE
FRDS Number:	3010038032	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Inactive Raw
Source Lat/Long:	334600.0 1175300.0	Precision:	1 Mile (One Minute)
Source Name:	WELL 32 - INACTIVE		
System Number:	3010038		
System Name:	City of Santa Ana		
Organization That Operates System:	220 S. DAISY AVE., BLDG. A SANTA ANA, CA 92703		
Pop Served:	293700	Connections:	43613
Area Served:	CITY OF SANTA ANA		

Sample Information: * **Only Findings Above Detection Level Are Listed**

Sample Collected:	06/11/1987	Findings:	800.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/11/1987	Findings:	7.990
Chemical:	PH (LABORATORY)		
Sample Collected:	06/11/1987	Findings:	161.700 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	06/11/1987	Findings:	197.200 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/11/1987	Findings:	308.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	06/11/1987	Findings:	104.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/11/1987	Findings:	11.700 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/11/1987	Findings:	37.900 MG/L
Chemical:	SODIUM		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/11/1987	Findings:	4.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/11/1987	Findings:	60.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/11/1987	Findings:	1.000 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	06/11/1987	Findings:	456.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/11/1987	Findings:	27.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/16/1987	Findings:	750.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/16/1987	Findings:	7.830
Chemical:	PH (LABORATORY)		
Sample Collected:	12/16/1987	Findings:	170.200 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	12/16/1987	Findings:	207.600 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/16/1987	Findings:	291.600 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	12/16/1987	Findings:	106.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/16/1987	Findings:	6.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/16/1987	Findings:	40.200 MG/L
Chemical:	SODIUM		
Sample Collected:	12/16/1987	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/16/1987	Findings:	64.200 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/16/1987	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/16/1987	Findings:	150.000 UG/L
Chemical:	ZINC		
Sample Collected:	12/16/1987	Findings:	441.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/16/1987	Findings:	17.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/05/1988	Findings:	780.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/05/1988	Findings:	7.360
Chemical:	PH (LABORATORY)		
Sample Collected:	07/05/1988	Findings:	190.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	07/05/1988	Findings:	231.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/05/1988	Findings:	302.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	07/05/1988	Findings:	97.200 MG/L
Chemical:	CALCIUM		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/05/1988	Findings:	14.400 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/05/1988	Findings:	39.800 MG/L
Chemical:	SODIUM		
Sample Collected:	07/05/1988	Findings:	3.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/05/1988	Findings:	58.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/05/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/05/1988	Findings:	439.200 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/05/1988	Findings:	18.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/05/1988	Findings:	.200 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/03/1989	Findings:	870.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/03/1989	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	01/03/1989	Findings:	173.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	01/03/1989	Findings:	211.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/03/1989	Findings:	328.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	01/03/1989	Findings:	107.500 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/03/1989	Findings:	14.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/03/1989	Findings:	46.600 MG/L
Chemical:	SODIUM		
Sample Collected:	01/03/1989	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/03/1989	Findings:	71.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/03/1989	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/03/1989	Findings:	513.300 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/03/1989	Findings:	23.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/03/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/02/1989	Findings:	814.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/02/1989	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	03/02/1989	Findings:	176.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/02/1989	Findings:	176.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/02/1989	Findings:	308.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	03/02/1989	Findings:	97.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/02/1989	Findings:	16.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/02/1989	Findings:	45.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/02/1989	Findings:	2.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/02/1989	Findings:	76.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/02/1989	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/02/1989	Findings:	200.000 UG/L
Chemical:	BARIUM		
Sample Collected:	03/02/1989	Findings:	.050 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	03/02/1989	Findings:	542.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/02/1989	Findings:	23.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/20/1989	Findings:	2.700 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/20/1989	Findings:	.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/16/1989	Findings:	7.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	11/16/1989	Findings:	5.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/16/1989	Findings:	1.800 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/06/1990	Findings:	2.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/06/1990	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/12/1990	Findings:	6.900 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/12/1990	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/12/1990	Findings:	10.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	09/04/1990	Findings:	5.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/04/1990	Findings:	2.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/13/1991	Findings:	726.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/13/1991	Findings:	8.000
Chemical:	PH (LABORATORY)		
Sample Collected:	03/13/1991	Findings:	166.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	03/13/1991	Findings:	166.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/13/1991	Findings:	294.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	03/13/1991	Findings:	93.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/13/1991	Findings:	15.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/13/1991	Findings:	41.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/13/1991	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/13/1991	Findings:	62.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/13/1991	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/13/1991	Findings:	1.500 UG/L
Chemical:	CADMIUM		
Sample Collected:	03/13/1991	Findings:	.050 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	03/13/1991	Findings:	460.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/13/1991	Findings:	13.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/13/1991	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	07/21/1992	Findings:	800.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/21/1992	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	07/21/1992	Findings:	198.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	07/21/1992	Findings:	241.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/21/1992	Findings:	320.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	07/21/1992	Findings:	100.900 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/21/1992	Findings:	16.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/21/1992	Findings:	38.900 MG/L
Chemical:	SODIUM		
Sample Collected:	07/21/1992	Findings:	2.600 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/21/1992	Findings:	55.900 MG/L
Chemical:	CHLORIDE		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/21/1992	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/21/1992	Findings:	175.000 UG/L
Chemical:	BARIUM		
Sample Collected:	07/21/1992	Findings:	435.300 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/21/1992	Findings:	16.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/18/1993	Findings:	13.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/18/1993	Findings:	7.990 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	08/18/1993	Findings:	2.010 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	08/18/1993	Findings:	5.240 PCI/L
Chemical:	URANIUM		
Sample Collected:	08/18/1993	Findings:	.220 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	11/17/1993	Findings:	7.990 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/17/1993	Findings:	2.010 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/17/1993	Findings:	5.240 PCI/L
Chemical:	URANIUM		
Sample Collected:	11/17/1993	Findings:	.220 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	01/26/1994	Findings:	29.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/03/1994	Findings:	22.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/03/1994	Findings:	5170.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/03/1994	Findings:	7.990 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/03/1994	Findings:	2.010 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/03/1994	Findings:	5.240 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/03/1994	Findings:	.220 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	03/29/1994	Findings:	24.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/26/1994	Findings:	28.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/09/1994	Findings:	19.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/09/1994	Findings:	4370.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	06/09/1994	Findings:	7.990 PCI/L
Chemical:	GROSS ALPHA		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/09/1994	Findings:	2.010 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/09/1994	Findings:	5.240 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/09/1994	Findings:	.220 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	07/20/1994	Findings:	25.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/26/1994	Findings:	23.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/31/1995	Findings:	40.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/27/1995	Findings:	51.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/27/1995	Findings:	49.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/03/1995	Findings:	45.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/04/1996	Findings:	51.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/06/1996	Findings:	52.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/10/1996	Findings:	49.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1997	Findings:	44.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1997	Findings:	45.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1997	Findings:	49.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1997	Findings:	48.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1997	Findings:	44.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/04/1997	Findings:	45.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/05/1997	Findings:	44.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/11/1997	Findings:	48.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/12/1997	Findings:	45.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/13/1997	Findings:	44.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/14/1997	Findings:	42.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/18/1997	Findings:	38.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/19/1997	Findings:	35.300 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	02/20/1997	Findings:	36.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/21/1997	Findings:	30.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/24/1997	Findings:	28.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/25/1997	Findings:	31.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/26/1997	Findings:	27.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/27/1997	Findings:	28.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/28/1997	Findings:	29.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/03/1997	Findings:	29.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/04/1997	Findings:	940.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/04/1997	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	03/04/1997	Findings:	188.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	03/04/1997	Findings:	229.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/04/1997	Findings:	356.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	03/04/1997	Findings:	114.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/04/1997	Findings:	18.300 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/04/1997	Findings:	43.800 MG/L
Chemical:	SODIUM		
Sample Collected:	03/04/1997	Findings:	3.300 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/04/1997	Findings:	88.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/04/1997	Findings:	.480 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/04/1997	Findings:	543.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/04/1997	Findings:	30.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/04/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	03/04/1997	Findings:	6820.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/11/1997	Findings:	49.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/11/1997	Findings:	49.400 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/11/1997	Findings:	49.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/11/1997	Findings:	49.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/12/1997	Findings:	30.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/12/1997	Findings:	29.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/13/1997	Findings:	29.200 MG/L
Chemical:	NITRATE (AS NO3)		

F30
SSE
1/2 - 1 Mile
Lower

CA WELLS 6204

Water System Information:

Prime Station Code:	05S/10W-01E02 S	User ID:	TEE
FRDS Number:	3010038019	County:	Orange
District Number:	08	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	334600.0 1175300.0	Precision:	Undefined
Source Name:	WELL 18		
System Number:	3010038		
System Name:	City of Santa Ana		
Organization That Operates System:	220 S. DAISY AVE., BLDG. A SANTA ANA, CA 92703		
Pop Served:	293700	Connections:	43613
Area Served:	CITY OF SANTA ANA		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	06/12/1987	Findings:	860.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	06/12/1987	Findings:	7.990
Chemical:	PH (LABORATORY)		
Sample Collected:	06/12/1987	Findings:	164.300 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	06/12/1987	Findings:	200.400 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	06/12/1987	Findings:	328.800 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	06/12/1987	Findings:	112.300 MG/L
Chemical:	CALCIUM		
Sample Collected:	06/12/1987	Findings:	11.800 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	06/12/1987	Findings:	41.100 MG/L
Chemical:	SODIUM		
Sample Collected:	06/12/1987	Findings:	3.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	06/12/1987	Findings:	71.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	06/12/1987	Findings:	1.000 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	06/12/1987	Findings:	534.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	06/12/1987	Findings:	38.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/17/1987	Findings:	900.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/17/1987	Findings:	7.610
Chemical:	PH (LABORATORY)		
Sample Collected:	12/17/1987	Findings:	180.300 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	12/17/1987	Findings:	220.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/17/1987	Findings:	340.800 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	12/17/1987	Findings:	116.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/17/1987	Findings:	11.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/17/1987	Findings:	49.200 MG/L
Chemical:	SODIUM		
Sample Collected:	12/17/1987	Findings:	3.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/17/1987	Findings:	92.600 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/17/1987	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/17/1987	Findings:	150.000 UG/L
Chemical:	ZINC		
Sample Collected:	12/17/1987	Findings:	580.100 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/17/1987	Findings:	35.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/05/1988	Findings:	940.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/05/1988	Findings:	7.490
Chemical:	PH (LABORATORY)		
Sample Collected:	07/05/1988	Findings:	203.300 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	07/05/1988	Findings:	248.100 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/05/1988	Findings:	374.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	07/05/1988	Findings:	119.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/05/1988	Findings:	18.200 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/05/1988	Findings:	43.200 MG/L
Chemical:	SODIUM		
Sample Collected:	07/05/1988	Findings:	3.100 MG/L
Chemical:	POTASSIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/05/1988	Findings:	88.900 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/05/1988	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/05/1988	Findings:	552.800 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/05/1988	Findings:	39.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/05/1988	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	01/04/1989	Findings:	910.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	01/04/1989	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	01/04/1989	Findings:	178.900 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	01/04/1989	Findings:	218.300 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	01/04/1989	Findings:	344.800 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	01/04/1989	Findings:	114.600 MG/L
Chemical:	CALCIUM		
Sample Collected:	01/04/1989	Findings:	14.100 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	01/04/1989	Findings:	51.200 MG/L
Chemical:	SODIUM		
Sample Collected:	01/04/1989	Findings:	3.100 MG/L
Chemical:	POTASSIUM		
Sample Collected:	01/04/1989	Findings:	8034.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	01/04/1989	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	01/04/1989	Findings:	536.900 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	01/04/1989	Findings:	35.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/04/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/19/1989	Findings:	888.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/19/1989	Findings:	7.700
Chemical:	PH (LABORATORY)		
Sample Collected:	09/19/1989	Findings:	186.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	09/19/1989	Findings:	186.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/19/1989	Findings:	331.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	09/19/1989	Findings:	103.000 MG/L
Chemical:	CALCIUM		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/19/1989	Findings:	18.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/19/1989	Findings:	45.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/19/1989	Findings:	3.700 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/19/1989	Findings:	81.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/19/1989	Findings:	.420 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/19/1989	Findings:	240.000 UG/L
Chemical:	BARIUM		
Sample Collected:	09/19/1989	Findings:	562.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/19/1989	Findings:	31.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/19/1989	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/19/1989	Findings:	2.000 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/19/1989	Findings:	1.400 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	11/16/1989	Findings:	6.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	11/16/1989	Findings:	4.500 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	11/16/1989	Findings:	1.900 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	03/06/1990	Findings:	2.800 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	03/06/1990	Findings:	1.600 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/13/1990	Findings:	6.400 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/13/1990	Findings:	2.200 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/13/1990	Findings:	7.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	09/04/1990	Findings:	8.300 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/04/1990	Findings:	3.100 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/04/1990	Findings:	8.000 PCI/L
Chemical:	URANIUM		
Sample Collected:	03/13/1991	Findings:	861.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	03/13/1991	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	03/13/1991	Findings:	182.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/13/1991	Findings:	182.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	03/13/1991	Findings:	362.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	03/13/1991	Findings:	117.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	03/13/1991	Findings:	17.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	03/13/1991	Findings:	46.000 MG/L
Chemical:	SODIUM		
Sample Collected:	03/13/1991	Findings:	3.000 MG/L
Chemical:	POTASSIUM		
Sample Collected:	03/13/1991	Findings:	86.000 MG/L
Chemical:	CHLORIDE		
Sample Collected:	03/13/1991	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	03/13/1991	Findings:	1.400 UG/L
Chemical:	CADMIUM		
Sample Collected:	03/13/1991	Findings:	.050 UG/L
Chemical:	FOAMING AGENTS (MBAS)		
Sample Collected:	03/13/1991	Findings:	570.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	03/13/1991	Findings:	34.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/22/1992	Findings:	910.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	07/22/1992	Findings:	7.800
Chemical:	PH (LABORATORY)		
Sample Collected:	07/22/1992	Findings:	190.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	07/22/1992	Findings:	231.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	07/22/1992	Findings:	349.600 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	07/22/1992	Findings:	112.100 MG/L
Chemical:	CALCIUM		
Sample Collected:	07/22/1992	Findings:	16.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	07/22/1992	Findings:	46.300 MG/L
Chemical:	SODIUM		
Sample Collected:	07/22/1992	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	07/22/1992	Findings:	88.800 MG/L
Chemical:	CHLORIDE		
Sample Collected:	07/22/1992	Findings:	.400 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	07/22/1992	Findings:	340.000 UG/L
Chemical:	BARIUM		
Sample Collected:	07/22/1992	Findings:	12.000 UG/L
Chemical:	LEAD		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	07/22/1992	Findings:	488.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	07/22/1992	Findings:	30.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/24/1994	Findings:	49.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/25/1994	Findings:	.800 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	06/29/1994	Findings:	9.520 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	06/29/1994	Findings:	2.370 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	06/29/1994	Findings:	8.070 PCI/L
Chemical:	URANIUM		
Sample Collected:	06/29/1994	Findings:	.330 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	09/26/1994	Findings:	9.520 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	09/26/1994	Findings:	2.370 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	09/26/1994	Findings:	8.070 PCI/L
Chemical:	URANIUM		
Sample Collected:	09/26/1994	Findings:	.330 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	12/06/1994	Findings:	50.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/06/1994	Findings:	11400.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	12/06/1994	Findings:	9.520 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	12/06/1994	Findings:	2.370 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	12/06/1994	Findings:	8.070 PCI/L
Chemical:	URANIUM		
Sample Collected:	12/06/1994	Findings:	.330 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	01/13/1995	Findings:	40.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/13/1995	Findings:	9.520 PCI/L
Chemical:	GROSS ALPHA		
Sample Collected:	01/13/1995	Findings:	2.370 PCI/L
Chemical:	GROSS ALPHA COUNTING ERROR		
Sample Collected:	01/13/1995	Findings:	8.070 PCI/L
Chemical:	URANIUM		
Sample Collected:	01/13/1995	Findings:	.330 PCI/L
Chemical:	URANIUM COUNTING ERROR		
Sample Collected:	01/31/1995	Findings:	41.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/07/1995	Findings:	41.300 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	03/07/1995	Findings:	9340.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	03/21/1995	Findings:	54.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/21/1995	Findings:	49.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/30/1995	Findings:	37.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/30/1995	Findings:	8440.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	07/25/1995	Findings:	33.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/19/1995	Findings:	45.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/26/1995	Findings:	1888.888 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	12/26/1995	Findings:	7.500
Chemical:	PH (LABORATORY)		
Sample Collected:	12/26/1995	Findings:	222.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	12/26/1995	Findings:	270.800 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	12/26/1995	Findings:	440.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	12/26/1995	Findings:	133.800 MG/L
Chemical:	CALCIUM		
Sample Collected:	12/26/1995	Findings:	24.900 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	12/26/1995	Findings:	53.500 MG/L
Chemical:	SODIUM		
Sample Collected:	12/26/1995	Findings:	3.200 MG/L
Chemical:	POTASSIUM		
Sample Collected:	12/26/1995	Findings:	112.100 MG/L
Chemical:	CHLORIDE		
Sample Collected:	12/26/1995	Findings:	.300 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	12/26/1995	Findings:	156.000 UG/L
Chemical:	BARIUM		
Sample Collected:	12/26/1995	Findings:	645.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	12/26/1995	Findings:	49.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/26/1995	Findings:	11151.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	01/30/1996	Findings:	46.800 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/26/1996	Findings:	51.300 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/26/1996	Findings:	55.200 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	05/14/1996	Findings:	37.100 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/25/1996	Findings:	31.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/22/1996	Findings:	36.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/20/1996	Findings:	31.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/24/1996	Findings:	31.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/29/1996	Findings:	1010.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	10/29/1996	Findings:	7.430
Chemical:	PH (LABORATORY)		
Sample Collected:	10/29/1996	Findings:	196.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	10/29/1996	Findings:	238.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	10/29/1996	Findings:	323.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	10/29/1996	Findings:	120.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	10/29/1996	Findings:	5.600 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	10/29/1996	Findings:	44.000 MG/L
Chemical:	SODIUM		
Sample Collected:	10/29/1996	Findings:	1.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	10/29/1996	Findings:	62.500 MG/L
Chemical:	CHLORIDE		
Sample Collected:	10/29/1996	Findings:	.670 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	10/29/1996	Findings:	3.100 UG/L
Chemical:	ARSENIC		
Sample Collected:	10/29/1996	Findings:	130.000 UG/L
Chemical:	BARIUM		
Sample Collected:	10/29/1996	Findings:	511.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	10/29/1996	Findings:	34.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	10/29/1996	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	10/29/1996	Findings:	7790.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	11/19/1996	Findings:	41.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/12/1996	Findings:	40.990 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/17/1996	Findings:	40.700 MG/L
Chemical:	NITRATE (AS NO3)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	01/23/1997	Findings:	40.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/25/1997	Findings:	35.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	03/25/1997	Findings:	42.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	04/22/1997	Findings:	41.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	05/21/1997	Findings:	30.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	06/24/1997	Findings:	33.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	07/22/1997	Findings:	31.600 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	08/26/1997	Findings:	30.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/08/1997	Findings:	3.000 UNITS
Chemical:	COLOR		
Sample Collected:	09/08/1997	Findings:	931.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/08/1997	Findings:	8.200
Chemical:	PH (LABORATORY)		
Sample Collected:	09/08/1997	Findings:	190.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	09/08/1997	Findings:	232.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/08/1997	Findings:	336.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	09/08/1997	Findings:	104.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/08/1997	Findings:	16.500 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/08/1997	Findings:	45.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/08/1997	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/08/1997	Findings:	.360 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/08/1997	Findings:	130.000 UG/L
Chemical:	BARIUM		
Sample Collected:	09/08/1997	Findings:	564.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/08/1997	Findings:	28.200 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/08/1997	Findings:	6360.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	09/23/1997	Findings:	950.000 UMHO
Chemical:	SPECIFIC CONDUCTANCE		
Sample Collected:	09/23/1997	Findings:	7.600
Chemical:	PH (LABORATORY)		

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Sample Collected:	09/23/1997	Findings:	194.000 MG/L
Chemical:	TOTAL ALKALINITY (AS CACO3)		
Sample Collected:	09/23/1997	Findings:	237.000 MG/L
Chemical:	BICARBONATE ALKALINITY		
Sample Collected:	09/23/1997	Findings:	365.000 MG/L
Chemical:	TOTAL HARDNESS (AS CACO3)		
Sample Collected:	09/23/1997	Findings:	118.000 MG/L
Chemical:	CALCIUM		
Sample Collected:	09/23/1997	Findings:	22.000 MG/L
Chemical:	MAGNESIUM		
Sample Collected:	09/23/1997	Findings:	48.000 MG/L
Chemical:	SODIUM		
Sample Collected:	09/23/1997	Findings:	2.900 MG/L
Chemical:	POTASSIUM		
Sample Collected:	09/23/1997	Findings:	89.400 MG/L
Chemical:	CHLORIDE		
Sample Collected:	09/23/1997	Findings:	.346 MG/L
Chemical:	FLUORIDE (TEMPERATURE DEPENDENT)		
Sample Collected:	09/23/1997	Findings:	157.000 UG/L
Chemical:	BARIUM		
Sample Collected:	09/23/1997	Findings:	573.000 MG/L
Chemical:	TOTAL DISSOLVED SOLIDS		
Sample Collected:	09/23/1997	Findings:	37.500 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	09/23/1997	Findings:	.100 NTU
Chemical:	TURBIDITY (LAB)		
Sample Collected:	09/23/1997	Findings:	8470.000 UG/L
Chemical:	NITRATE + NITRITE (AS N)		
Sample Collected:	10/21/1997	Findings:	40.400 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	11/18/1997	Findings:	44.000 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	12/23/1997	Findings:	34.700 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	01/27/1998	Findings:	39.900 MG/L
Chemical:	NITRATE (AS NO3)		
Sample Collected:	02/24/1998	Findings:	45.900 MG/L
Chemical:	NITRATE (AS NO3)		

E31
WSW
1/2 - 1 Mile
Higher

Site ID:	083002241T
Groundwater Flow:	SE
Shallow Water Depth:	32
Deep Water Depth:	34
Average Water Depth:	Not Reported
Date:	04/26/1994

AQUIFLOW **67241**

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 PCi/L	Pct. > 4 PCi/L
92868	1	0	0.00

Federal EPA Radon Zone for ORANGE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for 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. 7.5-Minute DEMs correspond to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW® 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 DDE - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Services
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.

ADDITIONAL ENVIRONMENTAL RECORD SOURCES

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STATE RECORDS

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations for District 2, 3, 5 and 6
Source: Department of Conservation
Telephone: 916-323-1779

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.

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.

APPENDIX F

California Radon Map



ASBESTOS & LEAD-BASED PAINT INSPECTION REPORT

ORANGE COUNTY PUBLIC WORKS
OLD ANIMAL SHELTER
561 The City Drive
Orange, CA 92868

Prepared For

ORANGE COUNTY PublicWorks

ORANGE COUNTY PUBLIC WORKS

Santa Ana, California 92703

Prepared By

ENCORP
Engineering our Environment

16700 Valley View Avenue, Suite 100, La Mirada, California 90638
(714) 523- 9811 • Fax (714) 523-9810
www.encorp.net

March 25th – 29th, 2024
ENCORP PROJECT NUMBER P24118.O22



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I. ASBESTOS AND LEAD-BASED PAINT INSPECTION REPORT

ASBESTOS & LEAD-BASED PAINT INSPECTION REPORT

FACILITIES: **..... OLD ANIMAL SHELTER**
561 The City Drive
Orange, CA 92868

INSPECTION DATE: ..... March 25th – 29th, 2024

INTRODUCTION

The **ORANGE COUNTY PUBLIC WORKS (**referred to hereafter as the Client), retained **ENCORP** to conduct a limited asbestos and limited lead-based paint inspection of the **ORANGE COUNTY PUBLIC WORKS – OLD ANIMAL SHELTER** located at **561 The City Drive, Orange, CA 92868**. The inspection was conducted to determine the presence of asbestos and lead-based paint that may be impacted in the demolition activities at the facility. This inspection does not constitute a full comprehensive inspection for the building and is limited to the spaces planned for the flooring renovation activities as directed by the client. The areas included in this scope is the **OLD ANIMAL SHELTER** only.

Asbestos is a general term applied to a group of naturally occurring minerals which separate into fibers. These fibrous materials (e.g., Amosite, Chrysotile, Crocidolite, Tremolite, Anthophyllite, and Actinolite) are composed of silicates of aluminum, magnesium and other metals which are incombustible and very difficult to destroy or degrade. Asbestos has a tendency to break into a dust of tiny fibers which can float in the air and be inhaled or swallowed. Asbestos inhalation exposure has been shown to increase the risk of developing lung cancer, mesothelioma (cancer of the lining of the lung and/or abdomen.) and asbestosis (chronic lung disease), as well as other damage to the lungs. Exposure occurs by breathing asbestos fibers produced as a fine dust when asbestos is handled during fabrication, installation or removal. By definition Asbestos Containing Materials (ACM) are any material or product which contains greater than 1 percent (1%) asbestos. CAL/OSHA further regulates the content of asbestos in materials or products that contain greater than 1 tenth of a percent (0.1%) of asbestos requiring work to be performed by a licensed abatement contractor, and asbestos containing material containing 0.1% or less of asbestos requiring notification and training for the purpose of worker protection.

ENCORP's Certified Asbestos Site Surveillance Technician, Angel Jimenez (CSST No. 15-5431) and Certified Lead Sampling Technician (LRC-00002763) completed the inspection under the direction of a Certified Asbestos Consultant, Alexander Blankevoort (CAC No. 04-3555) and Certified Lead Inspector/Assessor (LRC-00005443). ENCORP conducted a visual investigation of the areas of impact to identify and quantify the suspect asbestos containing materials and lead painted materials. Upon completion of the visual investigation, building materials were grouped into homogeneous categories and samples were collected from the suspect ACM's previously identified.

SAMPLING METHODOLOGY – ASBESTOS

ENCORP used a modified random sampling protocol to collect the samples of the suspect ACM's. Each of the suspect samples collected for this report were given a unique sample identification number and sealed inside leak proof containers for shipment to the laboratory for analysis.

Asbestos bulk samples collected during this inspection were analyzed by ENCORP Environmental Laboratory. ENCORP Environmental Laboratory is accredited by NIST/NVLAP for analysis of asbestos fibers in bulk. PLM Bulk samples were analyzed by Polarized Light Microscopy (PLM)/Dispersion Staining (EPA/600/R-93/116), ENCORP NVLAP Lab Code 200878-0, 16170 Valley View Ave, Suite 100, La Mirada, CA 90638, 714-523-9811.

INSPECTION RESULTS – ASBESTOS

The following contains the summary of the suspect asbestos containing materials sampled during this inspection, including the location and laboratory analysis. Positive ACM's are distinguished in "**bold**". Samples collected and found not to contain asbestos are classified as being None Detected "ND".

SUMMARY OF SUSPECT MATERIALS TESTED
Two Story Building - Admin

	Building Component	Location Of Material	Condition	Friability	Estimated Quantity	% and type of Asbestos
063549 1 2 3	Roof core	2 story Admin. building - Roof	G	NF	5000 sq. ft.	Roof core = ND Mastic = ND
063549 4 5 6	Black / Gray mastic	2 story Admin. building - Roof	G	NF	120 sq. ft.	ND
063549 7 8 9	White sealant	2 story Admin. building - Roof	G	NF	20 sq. ft.	ND
063549 10 11 12	Silver mastic	2 story Admin. building - Roof	G	NF	40 sq. ft.	ND
063549 13 14 15	HVAC seam mastic	2 story Admin. building - Roof	G	NF	80 sq. ft.	ND
063549 16 17 18	HVAC insulation / vapor barrier	2 story Admin. building - Roof	G	F	600 sq. ft.	HVAC insulation = ND Vapor barrier = ND
063549 19 20 21	Roof edge mastic	2 story Admin. building - Roof	G	NF	30 sq. ft.	ND
063549 22 23 24	Walk-on roof mat	2 story Admin. building - Roof	G	NF	500 sq. ft.	Walk-on roof mat = ND Mastic = ND
063549 25 26 27	White mastic	2 story Admin. building - Roof	G	NF	10 sq. ft.	ND
063549 28 29 30	Pipe lagging	2 story Admin. building - Roof	G	NF	10 sq. ft.	ND
063549 31 32 33 34 35 36 37	Exterior stucco / vapor barrier	2 story Admin. building - Exterior	G	Skim coat = NF Exterior stucco = F Vapor barrier = F	6000 sq. ft.	Skim coat = ND Exterior stucco = ND Vapor barrier = ND
063549 38 39 40	**Exterior wall / window seam caulking**	**2 story Admin. building - Exterior**	**G**	**NF**	**70 sq. ft.**	**2% Chrysotile**
063549 41 42 43	Balcony flooring material	2 story Admin. building - exterior	G	NF	500 sq. ft.	ND

SUMMARY OF SUSPECT MATERIALS TESTED Two Story Building - Admin						
	Building Component	Location Of Material	Condition	Friability	Estimated Quantity	% and type of Asbestos
063549 44 45 46	Brick / mortar	2 story Admin. building - exterior	G	NF	4000 sq. ft.	Brick = ND Mortar = ND
063548 1 2 3	Carpet glue	2 story Admin. building - interior	G	NF	3500 sq. ft.	ND
063548 4 5 6 7 8 9 10	Plaster / gypsum	2 story Admin. building - interior	G	Skim coat = F Plaster = F Gypsum = F	14,900 sq. ft.	Skim coat = ND Plaster = ND Gypsum = ND
063548 11 12 13	4" blue base cove / glue	2 story Admin. Building – interior / Foyer	G	Blue base cove = NF Glue = NF	600 sq. ft.	Blue base cove = ND Glue = ND
063548 14 15 16	6" gray base cove / glue	2 story Admin. Building – 1st floor hallway	G	NF	160 sq. ft.	Gray base cove = ND Glue = ND
063548 17 18 19	4" brown base cove / glue	2 story Admin. Building – locker / storage rooms	G	NF	220 sq. ft.	Brown base cove = ND Glue = ND
063548 20 21 22	Drywall / joint compound	2 story Admin. Building - partition walls	G	F	3000 sq. ft.	Drywall = ND Joint compound = ND
063548 23 24 25	12" x 12" fissured ceiling tile / glue / mastic	2 story Admin. Building – 2nd floor offices / hall	D (120 sq. ft. of damage / dislodgement)	Tile = F Mastic = NF	2200 sq. ft.	12" x 12" fissured ceiling tile = ND Glue = ND Mastic = ND
063548 26 27 28	**Tan 9" x 9" vinyl floor tile / mastic**	**2 story Admin. Building – 1st floor (exposed + below carpet), east stair landing**	**G**	**NF**	**3000 sq. ft.**	**Tan 9" x 9" vinyl floor tile = 2 % Chrysotile Mastic = 4% Chrysotile**
063548 29 30 31	**Brown 12" x 12" VFT / mastic & floor tile / mastic (layered)**	**2 story Admin. Building – 2nd floor (exposed + below carpet)**	**G**	**NF**	**3300 sq. ft.**	**Brown 12" x 12" VFT & mastic = ND Floor tile = 2% Chrysotile Mastic = 4% Chrysotile**
063548 32 33 34	Tan 12" x 12" vinyl floor tile / glue	2 story Admin. Building – west stair landing	G	NF	40 sq. ft.	Tan 12" x 12" vinyl floor tile = ND Glue = ND
063548 35 36 37	Stair tread material / glue	2 story Admin. Building – east + west walls	G	NF	230 sq. ft.	Stair tread material = ND Glue = ND
063548 38 39 40	6" tan base cove / glue	2 story Admin. Building – east + west stair landings / trims	G	NF	30 sq. ft.	6" tan Cove base = ND Glue = ND

SUMMARY OF SUSPECT MATERIALS TESTED Two Story Building - Admin						
	Building Component	Location Of Material	Condition	Friability	Estimated Quantity	% and type of Asbestos
063548 41 42 43 44 45 46 47	Acoustic ceiling core	2 story Admin. Building – throughout interior	G (10 sq. ft. of damage)	NF	7000 sq. ft.	Acoustic ceiling core = ND
063548 48 49 50	Wall cavity insulation	2 story Admin. Building – wall cavities	G	F	15000 sq. ft.	Wall cavity insulation = ND
063548 51 52 53	Ceiling space insulation	2 story Admin. Building – ceiling space	G	F	7000 sq. ft.	Ceiling space insulation = ND
063548 54 55 56	Duct seam tape	2 story Admin. Building – ceiling space	G	NF	20 sq. ft.	Duct seam tape = ND
063548 57 58 59	Window panel / glue	2 story Admin. Building – entrance / foyer	G	NF	15 sq. ft.	Window panel = ND Glue = ND

Conditions of materials are identified as follows: Good (G), Damaged (D), or Significantly Damaged (SD), Friable (F), Non-friable (NF). The quantities listed are for budgetary purposes only. Contractors completing proposals for the removal of asbestos containing materials are responsible for verifying the location, quantity, degree of difficulty and necessity for removing the identified materials. No access to the vault room.

INSPECTION RESULTS – ASBESTOS

SUMMARY OF SUSPECT MATERIALS TESTED Brown Building						
	Building Component	Location Of Material	Condition	Friability	Estimated Quantity	% and type of Asbestos
063549 47 48 49	Roof sealant	Brown building - roof	G	NF	15 sq. ft.	ND
063549 50 51 52	Vapor barrier	Brown building - roof	G	F	700 sq. ft.	ND
063549 53 54 55	Exterior wall caulking	Brown building - exterior	G	NF	50 sq. ft.	ND
063549 56 57 58	Wall panel sealant	Brown building - interior	G	NF	20 sq. ft.	ND
063549 59 60 61	2' x 4' Insulated ceiling tile	Brown building - interior	G	F	700 sq. ft.	ND
063549 62 63 64	**12' x 12' tan VFT / glue / mastic**	**Brown building - interior**	**G**	**NF**	**700 sq. ft.**	**12' x 12' tan VTF = ND Glue = ND Mastic = 2% Chrysotile**
063549 65 66 67	Fiberboard / glue	Brown building - interior	G	Fiberboard = F Glue = NF	1000 sq. ft.	ND

Conditions of materials are identified as follows: Good (G), Damaged (D), or Significantly Damaged (SD), Friable (F), Non-friable (NF). The quantities listed are for budgetary purposes only. Contractors completing proposals for the removal of asbestos containing materials are responsible for verifying the location, quantity, degree of difficulty and necessity for removing the identified materials.

INSPECTION RESULTS – ASBESTOS

SUMMARY OF SUSPECT MATERIALS TESTED Central Building						
	Building Component	Location Of Material	Condition	Friability	Estimated Quantity	% and type of Asbestos
063552 1 2 3	Silver roof core	Central Bldg Roof	G	NF	4300 sq ft	Roof core = ND Mastic = ND
063552 4 5 6	Rolled roofing core	Central Bldg Roof	G	NF	1000 sq ft	Rolled roof = ND Mastic = ND
063552 7 8 9	Black/grey mastic	Central Bldg Roof	G	NF	70 sq ft	ND
063552 10 11 12	White sealant	Central Bldg Roof	G	NF	50 sq ft	ND
063552 13 14 15	Grey HVAC sealant	Central Bldg Roof	G	NF	30 sq ft	ND
063552 16 17 18	Silver mastic	Central Bldg Roof	G	NF	180 sq ft	ND
063552 19 20 21	HVAC Mastic	Central Bldg Roof	G	NF	30 sq ft	ND
063552 22 23 24	HVAC Insulation	Central Bldg Roof	G	F	300 sq ft	ND
063552 25 26 27	Exterior Stucco	Exterior	G	F	980 sq ft	Skim coat = ND Stucco = ND
063552 28 29 30	Exterior window sealant	Exterior	G	F	30 sq ft	ND
063552 31 32 33	Exterior wall panel material	Exterior	G	NF	500 sq ft	ND
062552 34 35 36 37 38 40	Smooth plaster and gypsum	Throughout interior	G	F	8000 sq ft	Skim coat = ND Plaster = ND Gypsum = ND
062552 41 42 43	Grey battleship flooring and adhesive	Command center office and south office	G	F	500 sq ft	Flooring = ND Adhesive = ND
062552 44 45 46	Drywall and joint compound	Office partitions	G	F	1000 sq ft	Drywall = ND Joint compound = ND

SUMMARY OF SUSPECT MATERIALS TESTED Central Building						
	Building Component	Location Of Material	Condition	Friability	Estimated Quantity	% and type of Asbestos
062552 47 48 49	4” Blue cove base and glue	South office command center	G	NF	50 sq ft	Cove base = ND Mastic = ND
062552 50 51 52	Epoxy coat flooring	Radiation office restroom	G	NF	2000 sq ft	ND
062552 53 54 55	2 x 4 Fissured ceiling tile	Office, command center	G	NF	1800 sq ft	ND
062552 56 57 58	Ceiling space insulation	Above drop ceiling	G	NF	3000 sq ft	ND
062552 59 60 61	6” Black cove base and glue	Office vestibule	G	NF	20 sq ft	Cove base = ND Glue = ND
062552 62 63 64	12 x 12 Wood design stick-on pad, adhesive, below carpet	Office vestibule	G	NF	100 sq ft	Stick pad = ND Adhesive = ND
062552 65 66 67	Carpet glue	Command center, office vestibule	G	NF	400 sq ft	ND
062552 68 69 70	HVAC Sealant	Mechanical Room	G	NF	15 sq ft	ND
062552 71 72 73	Acoustic ceiling core	Northeast office	G	NF	250 sq ft	Acoustic ceiling core = ND Drywall = ND
062552 74 75 76	6” Blue cove base and mastic	Northeast office	G	NF	200 sq ft	Cove base = ND Glue = ND
062552 77 78 79	Grey linoleum flooring and paper backing	Command center	G	NF	900 sq ft	Linoleum = ND Paper backing = ND Mastic = ND
062552 80 81 82	Wall Panel material (white)	Command center	G	NF	2000 sq ft	ND
062552 83 84 85	Wall/ceiling panel sealant insulation	Freezer room	G	NF	1600 sq ft	Wall panel sealant = ND Insulation = ND

Conditions of materials are identified as follows: Good (G), Damaged (D), or Significantly Damaged (SD), Friable (F), Non-friable (NF). The quantities listed are for budgetary purposes only. Contractors completing proposals for the removal of asbestos containing materials are responsible for verifying the location, quantity, degree of difficulty and necessity for removing the identified materials.

INSPECTION RESULTS – ASBESTOS

SUMMARY OF SUSPECT MATERIALS TESTED Green Building						
	Building Component	Location Of Material	Condition	Friability	Estimated Quantity	% and type of Asbestos
063548 60 61 62	Roof sealant	Green building - roof	G	NF	15 sq. ft.	Roof sealant = ND
063548 63 64 65	Vapor barrier	Green building - roof	G	F	700 sq. ft.	Vapor barrier = ND
063548 66 67 68	Exterior wall caulking	Green building - exterior	G	NF	50 sq. ft.	Exterior wall caulking = ND
063548 69 70 71	Wall panel sealant	Green building - interior	G	NF	20 sq. ft.	Wall panel sealant = ND
063548 72 73 74	2' x 4' insulated ceiling tile	Green building – interior	G	NF	700 sq. ft.	2' x 4' insulated ceiling tile = ND
063548 75 76 77	**12" x 12" tan VFT / glue / mastic**	**Green building – interior**	**G**	**NF**	**700 sq. ft.**	**12" x 12" tan VFT = ND Glue = ND Mastic = 2% Chrysotile**
063548 78 79 80	Fiberboard / glue	Green building - interior	G	NF	1000 sq. ft.	Fiberboard = ND Glue = ND
063553 1 2 3 4 5	**Skim coat, stucco**	**Shelter Exterior - Partition wall near Central Bldg**	**G**	**F**	**2500 sq ft**	**Skim coat = <0.1% Chrysotile Stucco = ND**
063553 6 7 8	Roof sealant	Shelter Exterior – Pet shelter near Central Bldg	G	NF	1 sq ft	ND
063553 9 10 11	Shingle roof/vapor barrier	Shelter Exterior – Pet shelter near Central Bldg	G	NF	15 sq ft	Shingle Roof = ND Vapor Barrier = ND
063553 12 13 14	Rolled on roof	Shelter Exterior – Pet shelter near kennels	G	NF	5 sq ft	Rolled on roof = ND Mastic = ND
063553 15 16 17	Roof core	Shelter Exterior – South canopy	G	NF	190 sq ft	Roof core = ND Mastic = ND
063553 18 19 20	Roof core	Shelter Exterior – North canopy	G	NF	190 sq ft	Roof core = ND Mastic = ND Felt = ND

SUMMARY OF SUSPECT MATERIALS TESTED Green Building						
	Building Component	Location Of Material	Condition	Friability	Estimated Quantity	% and type of Asbestos
063553 21 22 23	**Cement wall panel**	**Shelter exterior – ALL Animal kennels**	**G**	**NF**	**4200 sq ft**	**25% Chrysotile**
063553 24 25 26	Asphalt core	Shelter exterior – dark asphalt	G	NF	20000 sq ft	ND
063553 27 28 29	Asphalt core	Shelter exterior – light asphalt	G	NF	20000 sq ft	ND

Conditions of materials are identified as follows: Good (G), Damaged (D), or Significantly Damaged (SD), Friable (F), Non-friable (NF). The quantities listed are for budgetary purposes only. Contractors completing proposals for the removal of asbestos containing materials are responsible for verifying the location, quantity, degree of difficulty and necessity for removing the identified materials.

SUMMARY OF SUSPECT MATERIALS TESTED Animal Kennels						
	Building Component	Location Of Material	Condition	Friability	Estimated Quantity	% and type of Asbestos
056362 49 50 51	**Transite roof panels**	**Roof**	**G**	**NF**	**5000 sq ft**	**30% Chrysotile**
063553 21 22 23	**Cement wall panel**	**Shelter exterior – ALL Animal kennels**	**G**	**NF**	**4200 sq ft**	**25% Chrysotile**

Conditions of materials are identified as follows: Good (G), Damaged (D), or Significantly Damaged (SD), Friable (F), Non-friable (NF). The quantities listed are for budgetary purposes only. Contractors completing proposals for the removal of asbestos containing materials are responsible for verifying the location, quantity, degree of difficulty and necessity for removing the identified materials.

DISCUSSIONS AND RECOMMENDATIONS (ASBESTOS)

Asbestos containing materials were identified within the scope of the inspection.

Asbestos containing material should be removed by a licensed abatement contractor.
Disturbance of 100 sq ft or more of materials above 1% asbestos requires the work to be done by a licensed and trained abatement contractor with notifications to the SCAQMD under Rule 1403 and accordance with CAL/OSHA 1529 and 5208. Waste generated from this work is regulated as asbestos waste.

Materials found to be below 0.1% require disturbance by asbestos trained personnel in accordance with CAL/OSHA 1529 and 5208. A notification for rule 1403 is not required and asbestos abatement license registration is not required by the California Department of Occupational Safety and health (CAL DOSH). OSHA training requirements apply to all asbestos related work regardless of the asbestos content of impacted materials.

ENCORP also recommends that a California Certified Asbestos Consultant/Site Surveillance Technician oversee the project to ensure that proper methods are being utilized.

INSPECTION RESULTS -- LEAD

Lead-Based Paint (LBP) is a term used by Housing and Urban Development (HUD) and the EPA's Toxic Substances Control Act (TSCA) program. It defines paint with lead levels equal to or exceeding 1.0 milligram per square centimeter (1mg/cm^2), 0.5 percent by weight (% Lead w/w) or 5,000 ppm. The HUD and EPA have set a lead level of 1.0 mg/cm^2 as being a regulated lead-containing material.

The NITON XRF Spectrum Analyzer was utilized for the analysis of suspect lead-based painted materials. In this method of analysis, the material is exposed to X-Rays or other high-energy radiation (such as gamma rays), which causes lead to emit X-Rays with a characteristic frequency. The intensity of this radiation is measured by the instrument's detector and is then converted into a number that represents the amount of lead in the material per unit area, usually milligrams per square centimeter (mg/cm^2).

Listed below is a summary of the materials sampled for lead-based at these buildings. Samples found to be $\geq$1.0 mg/cm^2 are **"bold"** face, along with their location and estimated quantity. A complete listing of all components tested can be found in Section IIb of this report.

SUMMARY OF LEAD-CONTAINING COMPONENTS TESTED

Sample No	Color	Substrate	Component	Location	Results	Mg/cm^2	QTY
4	Tan	Stucco	Wall	Admin Building exterior	Negative	0.0	-
5	Tan	Stucco	Wall	Admin Building exterior	Negative	0.0	-
6	Tan	Stucco	Wall	Admin Building exterior	Negative	0.0	-
7	Tan	Stucco	Wall	Admin Building exterior	Negative	0.0	-
8	Red	Metal	Door	Admin Building exterior	Negative	0.0	-
9	Red	Metal	Doorframe	Admin Building exterior	Negative	0.0	-
10	Tan	Metal	Vent	Admin Building exterior	Negative	0.0	-
11	Tan	Metal	Trim	Admin Building exterior	Negative	0.0	-
12	White	Metal	Trim	Admin Building exterior	Negative	0.0	-
13	White	Wood	Window	Admin Building exterior	Negative	0.0	-
14	White	Wood	Fascia	Admin Building exterior	Negative	0.0	-
15	Tan	Stucco	Overhang	Admin Building exterior	Negative	0.0	-
16	Yellow	Metal	Ballard port	Admin Building exterior	Negative	0.0	-
17	Red	Wood	Door	Admin Building exterior	Negative	0.0	-
18	Red	Metal	Door frame	Admin Building exterior	Negative	0.0	-
19	White	Metal	Canopy	Admin Building exterior	Negative	0.0	-
20	White	Metal	Hand rail	Admin Building exterior	Negative	0.0	-
21	White	Metal	Ladder	Admin Building exterior	Negative	0.0	-
22	White	Plaster	Wall	Admin Building interior	Negative	0.0	-
23	Grey	Plaster	Wall	Admin Building interior	Negative	0.0	-
24	Blue	Plaster	Wall	Admin Building interior	Negative	0.0	-
25	Tan	Plaster	Wall	Admin Building interior	Negative	0.0	-
26	White	Wood	Trim	Admin Building interior	Negative	0.0	-
27	White	Wood	Handrail	Admin Building interior	Negative	0.0	-
28	White	Drywall	Wall	Admin Building interior	Negative	0.0	-
30	White	Wood	Cabinet	Admin Building interior	Negative	0.0	-
31	White	Plaster	Ceiling	Admin Building interior	Negative	0.0	-
32	White	Brick	Wall	Admin Building interior	Negative	0.0	-
33	Blue	Brick	Wall	Admin Building interior	Negative	0.0	-
34	White	Wood	Window	Admin Building interior	Negative	0.0	-

SUMMARY OF LEAD-CONTAINING COMPONENTS TESTED							
Sample No	Color	Substrate	Component	Location	Results	Mg/cm^2	QTY
35	Tan	Metal	Lockers	Admin Building interior	Negative	0.0	-
36	Brown	Ceramic	Floor tile	Admin Building interior	Negative	0.0	-
37	Brown	Ceramic	Wall tile	Admin Building interior	Negative	0.0	-
38	Brown	Metal	Partition	Admin Building interior	Negative	0.0	-
39	White	Porcelain	Sink	Admin Building interior	Negative	0.0	-
40	White	Porcelain	Toilet	Admin Building interior	Negative	0.0	-
41	White	Porcelain	Urinal	Admin Building interior	Negative	0.0	-
43	**Tan speckled**	**Ceramic**	**Shower tile**	**Admin Building interior Locker Rooms 1st & 2nd Floor**	**Positive**	**3.40**	**300 sq ft**
44	White	Porcelain	Sink	Admin Building interior Janitors closet	Negative	0.0	-
45	Blue	Wood	Window panel	Admin Building interior	Negative	0.0	-
46	Tan	Wood	Window panel	Admin Building interior	Negative	0.0	-
155	Tan	Metal	Garage door	Admin Building exterior	Negative	0.0	-
47	White	Concrete	Wall	Central Building Exterior	Negative	0.0	-
48	White	Concrete	Wall	Central Building Exterior	Negative	0.0	-
49	Brown	Concrete	Wall	Central Building Exterior	Negative	0.0	-
50	Brown	Concrete	Wall	Central Building Exterior	Negative	0.0	-
51	White	Wood	Wall	Central Building Exterior	Negative	0.0	-
52	White	Stucco	Wall	Central Building Exterior	Negative	0.0	-
53	White	Stucco	Overhang	Central Building Exterior	Negative	0.0	-
54	Brown	Wood	Overhang	Central Building Exterior	Negative	0.0	-
55	Brown	Wood	Fascia	Central Building Exterior	Negative	0.0	-
56	White	Metal	Gutter	Central Building Exterior	Negative	0.0	-
57	White	Metal	Downspout	Central Building Exterior	Negative	0.0	-
58	Red	Metal	Post	Central Building Exterior	Negative	0.0	-
59	Brown	Metal	Door	Central Building Exterior	Negative	0.0	-
60	Brown	Metal	Door frame	Central Building Exterior	Negative	0.0	-
61	White	Metal	Door	Central Building Exterior	Negative	0.0	-
62	Brown	Metal	Door frame	Central Building Exterior	Negative	0.0	-
63	White	Wood	Door	Central Building Exterior	Negative	0.0	-
64	Grey	Metal	Door	Central Building Exterior	Negative	0.0	-
65	Grey	Metal	Door frame	Central Building Exterior	Negative	0.0	-
63	White	Wood	Door	Central Building Exterior	Negative	0.0	-
67	Multicolor	Brick	Wall	Central Building Exterior	Negative	0.0	-
68	Brown	Wood	Door	Central Building Exterior	Negative	0.0	-
69	Brown	Wood	Door frame	Central Building Exterior	Negative	0.0	-
70	White	Wood	Window/ door panel	Central Building Exterior	Negative	0.0	-
71	White	Wood	Fence	Central Building Exterior	Negative	0.0	-
72	White	Metal	Window	Central Building Exterior	Negative	0.0	-
73	Tan	Plaster	Wall	Central Building Interior	Negative	0.0	-
74	Tan	Plaster	Wal	Central Building Interior	Negative	0.0	-

SUMMARY OF LEAD-CONTAINING COMPONENTS TESTED							
Sample No	Color	Substrate	Component	Location	Results	Mg/cm^2	QTY
75	Purple	Plaster	Wall	Central Building Interior	Negative	0.0	-
76	Blue	Plaster	Wall	Central Building Interior	Negative	0.0	-
77	Blue	Wood	Door	Central Building Interior	Negative	0.0	-
78	White	Wood	Door frame	Central Building Interior	Negative	0.0	-
79	Tan	Metal	Door	Central Building Interior	Negative	0.0	-
80	Tan	Metal	Door frame	Central Building Interior	Negative	0.0	-
81	Grey	Metal	Door	Central Building Interior	Negative	0.0	-
82	Purple	Metal	Door frame	Central Building Interior	Negative	0.0	-
83	Grey	Concrete	Floor	Central Building Interior	Negative	0.0	-
84	Grey	Meta	Partition	Central Building Interior	Negative	0.0	-
85	White	Porcelain	Sink	Central Building Interior	Negative	0.0	-
86	White	Porcelain	Urinal	Central Building Interior	Negative	0.0	-
87	White	Porcelain	Toilet	Central Building Interior	Negative	0.0	-
88	White	Plaster	Wall	Central Building Interior	Negative	0.0	-
89	White	Plaster	Wall	Central Building Interior	Negative	0.0	-
90	White	Plaster	Ceiling	Central Building Interior	Negative	0.0	-
91	Tan	Wood	Wall panel	Central Building Interior	Negative	0.0	-
92	White	Wood	Wall panel	Central Building Interior	Negative	0.0	-
93	Purple	Metal	Door	Central Building Interior	Negative	0.0	-
94	Purple	Metal	Door frame	Central Building Interior	Negative	0.0	-
95	Green	Plaster	Wall	Central Building Interior	Negative	0.0	-
96	Purple	Plaster	Wall	Central Building Interior	Negative	0.0	-
97	White	Brick	Wall	Central Building Interior	Negative	0.0	-
98	Blue	Brick	Wall	Central Building Interior	Negative	0.0	-
99	White	Wood	Wall panel	Central Building Interior	Negative	0.0	-
100	White	Wood	Wall panel	Central Building exterior	Negative	0.0	-
101	Black	Metal	Ladder	Central Building exterior	Negative	0.0	-
102	Light brown	Wood	Wall panel	Brown building exterior	Negative	0.0	-
103	Light brown	Wood	Wall panel	Brown building exterior	Negative	0.0	-
104	Light brown	Wood	Wall panel	Brown building exterior	Negative	0.0	-
105	Light brown	Wood	Wall panel	Brown building exterior	Negative	0.0	-
106	Brown	Wood	Trim	Brown building exterior	Negative	0.0	-
107	Blue	Wood	Wall panel	Brown building interior	Negative	0.0	-
108	Purple	Wood	Wall panel	Brown building interior	Negative	0.0	-
109	White	Wood	Cabinet	Brown building interior	Negative	0.0	-
110	White	Wood	Door	Brown building interior	Negative	0.0	-
111	Brown	Metal	Door	Brown building Exterior	Negative	0.0	-
112	Brown	Metal	Panel	Brown building Exterior	Negative	0.0	-
113	Green	Wood	Wall panel	Green building Exterior	Negative	0.0	-
114	Green	Wood	Wall panel	Green building Exterior	Negative	0.0	-
115	Green	Wood	Wall panel	Green building Exterior	Negative	0.0	-

SUMMARY OF LEAD-CONTAINING COMPONENTS TESTED							
Sample No	Color	Substrate	Component	Location	Results	Mg/cm^2	QTY
116	Light brown	Wood	Wall panel	Green building Exterior	Negative	0.0	-
117	Yellow	Wood	Trim	Green building Exterior	Negative	0.0	-
118	Green	Metal	Door	Green building Exterior	Negative	0.0	-
119	White	Wood	Wall panel	Green building Interior	Negative	0.0	-
120	Purple	Wood	Wall panel	Green building Interior	Negative	0.0	-
121	Yellow	Asphalt	Paint stripe	Shelter exterior	Negative	0.0	-
122	White	Asphalt	Paint stripe	Shelter exterior	Negative	0.0	-
123	White	Metal	Kennel door	Shelter exterior	Negative	0.0	-
124	White	Wood	Kennel trim	Shelter exterior	Negative	0.0	-
125	White	Concrete	Kennel siding	Shelter exterior	Negative	0.0	-
126	Brown	Concrete	Kennel siding	Shelter exterior	Negative	0.0	-
127	Red	Metal	Kennel panel	Shelter exterior	Negative	0.0	-
128	Blue	Metal	Kennel panel	Shelter exterior	Negative	0.0	-
129	Green	Metal	Kennel pane	Shelter exterior	Negative	0.0	-
130	**Yellow**	**Metal**	**Light posts**	**Shelter exterior – north side/center**	**Positive**	**2.80**	**300 sq ft**
131	White	Wood	Kennel door	Shelter exterior	Negative	0.0	-
132	White	Metal	Conduit	Shelter exterior	Negative	0.0	-
133	Blue	Concrete	Kennel siding	Shelter exterior	Negative	0.0	-
134	Blue	Metal	Trim	Shelter exterior	Negative	0.0	-
135	Yellow	Metal	Handrail	Shelter exterior	Negative	0.0	-
136	Tan	Stucco	Partition wall	Shelter exterior	Negative	0.0	-
137	White	Concrete	Kennel wall	Shelter exterior	Negative	0.0	-
138	White	Concrete	Kennel wall	Shelter exterior	Negative	0.0	-
139	Blue	Concrete	Kennel wall	Shelter exterior	Negative	0.0	-
140	Multicolor	Concrete	Kennel wall	Shelter exterior	Negative	0.0	-
141	Green	Concrete	Kennel wall	Shelter exterior	Negative	0.0	-
142	White	Metal	Kennel door	Shelter exterior	Negative	0.0	-
143	Red	Metal	Door frame	Shelter exterior	Negative	0.0	-
144	White	Metal	Kennel gutter	Shelter exterior	Negative	0.0	-
145	White	Metal	Storage bin	Shelter exterior	Negative	0.0	-
146	Red	Metal	Storage bin	Shelter exterior	Negative	0.0	-
147	Green	Metal	Door	Shelter exterior	Negative	0.0	-
148	Green	Meta	Door frame	Shelter exterior	Negative	0.0	-
149	White	Concrete	Perimeter wall	Shelter exterior	Negative	0.0	-
150	Red	Metal	Hydrant	Shelter exterior	Negative	0.0	-
151	Blue	Concrete	Perimeter wall	Shelter exterior	Negative	0.0	-
152	Silver	Metal	Door	Shelter exterior	Negative	0.0	-
153	Silver	Metal	Door frame	Shelter exterior	Negative	0.0	-
154	Tan	Concrete	Perimeter wall	Shelter exterior	Negative	0.0	-

SUMMARY OF LEAD-CONTAINING COMPONENTS TESTED							
Sample No	Color	Substrate	Component	Location	Results	Mg/cm^2	QTY
156	Green	Metal	Light post	Shelter exterior	Negative	0.0	-
157	Yellow	Metal	Conduit box	Shelter exterior	Negative	0.0	-
158	Yellow	Metal	Partition post	Shelter exterior	Negative	0.0	-
159	White	Metal	Light post	Shelter exterior	Negative	0.0	-
160	Black	Metal	canopy	Shelter exterior	Negative	0.0	-

Note: The quantities listed are for budgetary purposes only. Contractors completing proposals for the removal of lead containing materials are responsible for verifying the location, quantity, degree of difficulty and necessity for removing the identified materials.

Lead-based painted components were identified in this scope of work.

CONCLUSION

Asbestos containing materials were identified within this scope of work.

Lead-based painted components were identified in this scope of work.

Asbestos containing material should be removed by a licensed abatement contractor. Disturbance of 100 sq ft or more of materials above 1% asbestos requires the work to be done by a licensed and trained abatement contractor with notifications to the SCAQMD under rule 1403 and accordance with CAL/OSHA 1529 and 5208. Waste generated from this work is regulated as asbestos waste.

Additional asbestos-containing materials may be present at this site. Care should be taken when demolishing materials that will open wall cavities or sealed ceiling areas. If any additional known, assumed, or suspected asbestos-containing materials are discovered during renovation, remodeling or demolition activities, contact an environmental consultant to determine the proper course of action.

Additional asbestos-containing materials may be present at this site. Care should be taken when demolishing materials that will open wall cavities or sealed ceiling areas. If any additional known, assumed, or suspected asbestos-containing materials or lead-based painted components are discovered during renovation, remodeling or demolition activities, contact an environmental consultant to determine the proper course of action.

Should you have any questions concerning this report, please contact me at (714) 523-9811. Thank you.

Respectfully submitted,



Alexander Blankevoort
Vice President of Operations, ENCORP
Certified Asbestos Consultant No. 04-3555
Lead Inspector/Risk Assessor No. LRC-00005443

II. SAMPLE ANALYSIS

IIA. SAMPLE ANALYSIS - ASBESTOS

ENCORP ENVIRONMENTAL MANAGEMENT AND SERVICES
16700 VALLEY VIEW AVE. STE. 100 LA MIRADA, CALIFORNIA 90638
714) 523-9811 · FAX (714) 523-9810 · MAIN@ENCORP.NET · WWW.ENCORP.NET

Client Name: *Orange County Public Works*
Client Address: *1143 E. Fruit Street*
Santa Ana, CA 92701
Facility Name: *OCPW - Old Animal Shelter*
Facility Address: *561 The City Dive*
Orange, CA 92868

Reference Batch Number: *063549*
Sampled Date: *3/25/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/10/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812780A	001A	ADMIN - TWO STORY BLDG. - ROOF	WHITE/BLACK	(FIBROUS) ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
812780B	001B	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812781A	002A	ADMIN - TWO STORY BLDG. - ROOF	WHITE/BLACK	(FIBROUS) ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
812781B	002B	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812782A	003A	ADMIN - TWO STORY BLDG. - ROOF	WHITE/BLACK	(FIBROUS) ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
812782B	003B	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812783	004	ADMIN - TWO STORY BLDG. - ROOF	BLACK/GRAY	(HOMOGENEOUS) BLACK/GRAY MASTIC	NF	NONE DETECTED	3% CELLULOSE 97% MATRIX
812784	005	ADMIN - TWO STORY BLDG. - ROOF	BLACK/GRAY	(HOMOGENEOUS) BLACK/GRAY MASTIC	NF	NONE DETECTED	3% CELLULOSE 97% MATRIX

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited.In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quanitified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

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Client Name: *Orange County Public Works*
Client Address: *1143 E. Fruit Street*
Santa Ana, CA 92701
Facility Name: *OCPW - Old Animal Shelter*
Facility Address: *561 The City Dive*
Orange, CA 92868

Reference Batch Number: *063549*
Sampled Date: *3/25/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/10/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812785	006	ADMIN - TWO STORY BLDG. - ROOF	BLACK/GRAY	(HOMOGENEOUS) BLACK/GRAY MASTIC	NF	NONE DETECTED	3% CELLULOSE 97% MATRIX
812786	007	ADMIN - TWO STORY BLDG. - ROOF	WHITE	(HOMOGENEOUS) WHITE SEALANT	NF	NONE DETECTED	100% MATRIX
812787	008	ADMIN - TWO STORY BLDG. - ROOF	WHITE	(HOMOGENEOUS) WHITE SEALANT	NF	NONE DETECTED	100% MATRIX
812788	009	ADMIN - TWO STORY BLDG. - ROOF	WHITE	(HOMOGENEOUS) WHITE SEALANT	NF	NONE DETECTED	100% MATRIX
812789	010	ADMIN - TWO STORY BLDG. - ROOF	SILVER	(HOMOGENEOUS) SILVER MASTIC	NF	NONE DETECTED	3% CELLULOSE 97% MATRIX
812790	011	ADMIN - TWO STORY BLDG. - ROOF	SILVER	(HOMOGENEOUS) SILVER MASTIC	NF	NONE DETECTED	3% CELLULOSE 97% MATRIX
812791	012	ADMIN - TWO STORY BLDG. - ROOF	SILVER	(HOMOGENEOUS) SILVER MASTIC	NF	NONE DETECTED	3% CELLULOSE 97% MATRIX
812792	013	ADMIN - TWO STORY BLDG. - ROOF	GRAY	(HOMOGENEOUS) HVAC SEAM MASTIC	NF	NONE DETECTED	100% MATRIX

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited.In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quanitified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

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Santa Ana, CA 92701
Facility Name: *OCPW - Old Animal Shelter*
Facility Address: *561 The City Dive*
Orange, CA 92868

Reference Batch Number: *063549*
Sampled Date: *3/25/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/10/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812793	014	ADMIN - TWO STORY BLDG. - ROOF	GRAY	(HOMOGENEOUS) HVAC SEAM MASTIC	NF	NONE DETECTED	100% MATRIX
812794	015	ADMIN - TWO STORY BLDG. - ROOF	GRAY	(HOMOGENEOUS) HVAC SEAM MASTIC	NF	NONE DETECTED	100% MATRIX
812795A	016A	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(FIBROUS) HVAC INSULATION	FR	NONE DETECTED	100% FIBROUS GLASS
812795B	016B	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
812796A	017A	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(FIBROUS) HVAC INSULATION	FR	NONE DETECTED	100% FIBROUS GLASS
812796B	017B	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
812797A	018A	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(FIBROUS) HVAC INSULATION	FR	NONE DETECTED	100% FIBROUS GLASS
812797B	018B	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX

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Project Number: P24118 . O22
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Date Analyzed: 4/10/2024

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812798	019	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(HOMOGENEOUS) ROOF EDGE MASTIC	NF	NONE DETECTED	3% CELLULOSE 97% MATRIX
812799	020	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(HOMOGENEOUS) ROOF EDGE MASTIC	NF	NONE DETECTED	3% CELLULOSE 97% MATRIX
812800	021	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(HOMOGENEOUS) ROOF EDGE MASTIC	NF	NONE DETECTED	3% CELLULOSE 97% MATRIX
812801A	022A	ADMIN - TWO STORY BLDG. - ROOF	WHITE/BLACK	(FIBROUS) WALK ON ROOF MAT	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
812801B	022B	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812802A	023A	ADMIN - TWO STORY BLDG. - ROOF	WHITE/BLACK	(FIBROUS) WALK ON ROOF MAT	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
812802B	023B	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812803A	024A	ADMIN - TWO STORY BLDG. - ROOF	WHITE/BLACK	(FIBROUS) WALK ON ROOF MAT	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812803B	024B	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812804	025	ADMIN - TWO STORY BLDG. - ROOF	WHITE	(HOMOGENEOUS) WHITE MASTIC	NF	NONE DETECTED	3% CELLULOSE 97% MATRIX
812805	026	ADMIN - TWO STORY BLDG. - ROOF	WHITE	(HOMOGENEOUS) WHITE MASTIC	NF	NONE DETECTED	3% CELLULOSE 97% MATRIX
812806	027	ADMIN - TWO STORY BLDG. - ROOF	WHITE	(HOMOGENEOUS) WHITE MASTIC	NF	NONE DETECTED	3% CELLULOSE 97% MATRIX
812807	028	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(HOMOGENEOUS) PIPE LAGGING	NF	NONE DETECTED	100% MATRIX
812808	029	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(HOMOGENEOUS) PIPE LAGGING	NF	NONE DETECTED	100% MATRIX
812809	030	ADMIN - TWO STORY BLDG. - ROOF	BLACK	(HOMOGENEOUS) PIPE LAGGING	NF	NONE DETECTED	100% MATRIX
812810A	031A	ADMIN - TWO STORY BLDG. - EXT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812810B	031B	ADMIN - TWO STORY BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX
812810C	031C	ADMIN - TWO STORY BLDG. - EXT	BROWN	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
812811A	032A	ADMIN - TWO STORY BLDG. - EXT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812811B	032B	ADMIN - TWO STORY BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX
812811C	032C	ADMIN - TWO STORY BLDG. - EXT	BROWN	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
812812A	033A	ADMIN - TWO STORY BLDG. - EXT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812812B	033B	ADMIN - TWO STORY BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX
812812C	033C	ADMIN - TWO STORY BLDG. - EXT	BROWN	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX

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LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812813A	034A	ADMIN - TWO STORY BLDG. - EXT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812813B	034B	ADMIN - TWO STORY BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX
812813C	034C	ADMIN - TWO STORY BLDG. - EXT	BROWN	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
812814A	035A	ADMIN - TWO STORY BLDG. - EXT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812814B	035B	ADMIN - TWO STORY BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX
812814C	035C	ADMIN - TWO STORY BLDG. - EXT	BROWN	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
812815A	036A	ADMIN - TWO STORY BLDG. - EXT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812815B	036B	ADMIN - TWO STORY BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812815C	036C	ADMIN - TWO STORY BLDG. - EXT	BROWN	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
812816A	037A	ADMIN - TWO STORY BLDG. - EXT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812816B	037B	ADMIN - TWO STORY BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX
812816C	037C	ADMIN - TWO STORY BLDG. - EXT	BROWN	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
812817	038	ADMIN - TWO STORY BLDG. - EXT	TAN	(HOMOGENEOUS) EXT WALL/WINDOW SEAM CAULKING	NF	2% CHRYSOTILE	98% MATRIX
812818	039	ADMIN - TWO STORY BLDG. - EXT	TAN	(HOMOGENEOUS) EXT WALL/WINDOW SEAM CAULKING	NF	POSITIVE STOP	
812819	040	ADMIN - TWO STORY BLDG. - EXT	TAN	(HOMOGENEOUS) EXT WALL/WINDOW SEAM CAULKING	NF	POSITIVE STOP	
812820	041	ADMIN - TWO STORY BLDG. - EXT	TAN/BLACK	(FIBROUS) BALCONY FLOORING MATERIAL	NF	NONE DETECTED	10% FIBROUS GLASS 90% MATRIX

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
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812821	042	ADMIN - TWO STORY BLDG. - EXT	TAN/BLACK	(FIBROUS) BALCONY FLOORING MATERIAL	NF	NONE DETECTED	10% FIBROUS GLASS 90% MATRIX
812822	043	ADMIN - TWO STORY BLDG. - EXT	TAN/BLACK	(FIBROUS) BALCONY FLOORING MATERIAL	NF	NONE DETECTED	10% FIBROUS GLASS 90% MATRIX
812823A	044A	ADMIN - TWO STORY BLDG. - EXT	RED	(HOMOGENEOUS) BRICK	NF	NONE DETECTED	100% MATRIX
812823B	044B	ADMIN - TWO STORY BLDG. - EXT	GRAY	(HOMOGENEOUS) MORTAR	NF	NONE DETECTED	100% MATRIX
812824A	045A	ADMIN - TWO STORY BLDG. - EXT	RED	(HOMOGENEOUS) BRICK	NF	NONE DETECTED	100% MATRIX
812824B	045B	ADMIN - TWO STORY BLDG. - EXT	GRAY	(HOMOGENEOUS) MORTAR	NF	NONE DETECTED	100% MATRIX
812825A	046A	ADMIN - TWO STORY BLDG. - EXT	RED	(HOMOGENEOUS) BRICK	NF	NONE DETECTED	100% MATRIX
812825B	046B	ADMIN - TWO STORY BLDG. - EXT	GRAY	(HOMOGENEOUS) MORTAR	NF	NONE DETECTED	100% MATRIX

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Date Analyzed: *4/10/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812826	047	BROWN BUILDING - ROOF	RED/GRAY	(HOMOGENEOUS) ROOF SEALANT	NF	NONE DETECTED	100% MATRIX
812827	048	BROWN BUILDING - ROOF	RED/GRAY	(HOMOGENEOUS) ROOF SEALANT	NF	NONE DETECTED	100% MATRIX
812828	049	BROWN BUILDING - ROOF	RED/GRAY	(HOMOGENEOUS) ROOF SEALANT	NF	NONE DETECTED	100% MATRIX
812829	050	BROWN BUILDING - ROOF	BROWN	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	80% CELLULOSE 20% MATRIX
812830	051	BROWN BUILDING - ROOF	BROWN	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	80% CELLULOSE 20% MATRIX
812831	052	BROWN BUILDING - ROOF	BROWN	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	80% CELLULOSE 20% MATRIX
812832	053	BROWN BUILDING - EXT	GRAY	(HOMOGENEOUS) EXT WALL CAULKING	NF	NONE DETECTED	100% MATRIX
812833	054	BROWN BUILDING - EXT	GRAY	(HOMOGENEOUS) EXT WALL CAULKING	NF	NONE DETECTED	100% MATRIX

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited.In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quanitified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

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16700 VALLEY VIEW AVE. STE. 100 LA MIRADA, CALIFORNIA 90638
714) 523-9811 · FAX (714) 523-9810 · MAIN@ENCORP.NET · WWW.ENCORP.NET

Client Name: Orange County Public Works
Client Address: 1143 E. Fruit Street, Santa Ana, CA 92701
Facility Name: OCPW - Old Animal Shelter
Facility Address: 561 The City Dive, Orange, CA 92868

Reference Batch Number: 063549
Sampled Date: 3/25/2024
Sampled By: ANGEL JIMENEZ
Analyzed By: KRISTINA MARTINEZ

Project Number: P24118 . O22
Date Received: 4/1/2024
Date Analyzed: 4/10/2024

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812834	055	BROWN BUILDING - EXT	GRAY	(HOMOGENEOUS) EXT WALL CAULKING	NF	NONE DETECTED	100% MATRIX
812835	056	BROWN BUILDING - INT	BEIGE	(HOMOGENEOUS) WALL PANEL SEALANT	NF	NONE DETECTED	100% MATRIX
812836	057	BROWN BUILDING - INT	BEIGE	(HOMOGENEOUS) WALL PANEL SEALANT	NF	NONE DETECTED	100% MATRIX
812837	058	BROWN BUILDING - INT	BEIGE	(HOMOGENEOUS) WALL PANEL SEALANT	NF	NONE DETECTED	100% MATRIX
812838	059	BROWN BUILDING - INT	WHITE/YELLOW	(FIBROUS) 2'X4' INSULATED CEILING TILE	FR	NONE DETECTED	80% FIBROUS GLASS 20% MATRIX
812839	060	BROWN BUILDING - INT	WHITE/YELLOW	(FIBROUS) 2'X4' INSULATED CEILING TILE	FR	NONE DETECTED	80% FIBROUS GLASS 20% MATRIX
812840	061	BROWN BUILDING - INT	WHITE/YELLOW	(FIBROUS) 2'X4' INSULATED CEILING TILE	FR	NONE DETECTED	80% FIBROUS GLASS 20% MATRIX
812841A	062A	BROWN BUILDING - INT	TAN	(HOMOGENEOUS) 12"X12" TAN VFT	NF	NONE DETECTED	100% MATRIX

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited.In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quanitified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

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Client Name: *Orange County Public Works*
Client Address: *1143 E. Fruit Street*
Santa Ana, CA 92701
Facility Name: *OCPW - Old Animal Shelter*
Facility Address: *561 The City Dive*
Orange, CA 92868

Reference Batch Number: *063549*
Sampled Date: *3/25/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/10/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812841B	062B	BROWN BUILDING - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812841C	062C	BROWN BUILDING - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	2% CHRYSOTILE	98% MATRIX
812842A	063A	BROWN BUILDING - INT	TAN	(HOMOGENEOUS) 12"X12" TAN VFT	NF	NONE DETECTED	100% MATRIX
812842B	063B	BROWN BUILDING - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812842C	063C	BROWN BUILDING - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	POSITIVE STOP	
812843A	064A	BROWN BUILDING - INT	TAN	(HOMOGENEOUS) 12"X12" TAN VFT	NF	NONE DETECTED	100% MATRIX
812843B	064B	BROWN BUILDING - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812843C	064C	BROWN BUILDING - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	POSITIVE STOP	

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Facility Name: OCPW - Old Animal Shelter
Facility Address: 561 The City Dive
Orange, CA 92868

Reference Batch Number: 063549
Sampled Date: 3/25/2024
Sampled By: ANGEL JIMENEZ
Analyzed By: KRISTINA MARTINEZ

Project Number: P24118 . 022
Date Received: 4/1/2024
Date Analyzed: 4/10/2024

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812844A	065A	BROWN BUILDING - INT	WHITE/BROWN	(FIBROUS) FIBERBOARD	FR	NONE DETECTED	80% CELLULOSE 20% MATRIX
812844B	065B	BROWN BUILDING - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812845A	066A	BROWN BUILDING - INT	WHITE/BROWN	(FIBROUS) FIBERBOARD	FR	NONE DETECTED	80% CELLULOSE 20% MATRIX
812845B	066B	BROWN BUILDING - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812846A	067A	BROWN BUILDING - INT	WHITE/BROWN	(FIBROUS) FIBERBOARD	FR	NONE DETECTED	80% CELLULOSE 20% MATRIX
812846B	067B	BROWN BUILDING - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX

Notes:

APPROVED SIGNATURE _____, Lab Manager

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CHAIN OF CUSTODY FORM

16700 Valley View Avenue Suite 100
La Mirada, California 90638
Tel (714) 523-9811
Fax (714) 523-9810
www.encorp.net

Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW DATE 3/25/24 PAGE 1 OF 7

JOB NO: P24118.022 INSPECTORS Angel Jimenez

LOCATION: Old Animal Shelter

SAMPLE NO.	AB ID #	SAMPLE LOCATION	MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
1.	812780	ADMIN - TWO STORY BLDG - Roof	Roof Core			
2.	812781					
3.	812782					
4.	812783		Black/Grey mastic			
5.	812784					
6.	812785					
7.	812786		white Sealant			
8.	812787					
9	812788					
10	812789		Silver Mastic			

ABBREVIATIONS:

TYPES OF MATERIALS	CONDITION	OTHER
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	D = Good A = Damaged SD = Significantly Damaged	SF = Square Feet LF = Linear Feet

CHAIN OF CUSTODY

Sampled By / Relinquished	Date / Time
Angel Jimenez	3/29/24 2300
Relinquished / Received By	Date / Time
AJ Baller	4.1.24 @ 8am
Relinquished / Received By	Date / Time

Comments / Special Instructions

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Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW
DATE: 3/25/24
PAGE: 2 OF 7
JOB NO: P24118.022
INSPECTORS: Angel Jimenez
LOCATION: Old Animal Shelter

SAMPLE NO.	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
1	812790						
2.	812791						
3.	812792			HVAC Seam Mastic			
4.	812793						
5.	812794						
6.	812795			HVAC Insulation/ Vapor Barrier			
7.	812796						
8	812797						
9	812798			Roof Edge Mastic			
20	812799						

ABBREVIATIONS:

TYPES OF MATERIALS	CONDITION	OTHER
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	SF = Square Feet LF = Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished	Date/Time
Angel Jimenez	3/29/24 2300
Relinquished/Received by: AS Baker	Date/Time: 4.1.24 @ 830am
Relinquished/Received by:	Date/Time:

Comments/Special Instructions:

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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW
DATE: 3/25/24
PAGE: 3 OF 7
JOB NO: P24118.022
INSPECTORS: Angel Jimenez
LOCATION: Old Animal Shelter

SAMPLE NO.	AB ID #	SAMPLE LOCATION	MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
21.	812800					
22.	812801		Walk on Roof Mat			
23.	812802					
24.	812803					
25.	812804		White Mastic			
26.	812805					
27.	812806					
28.	812807		Pipe Lagging			
29.	812808					
30.	812809					

ABBREVIATIONS:

TYPES OF MATERIALS:	CONDITION:	OTHER:
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	SF = Square Feet LF = Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished: Angel Jimenez — Date/Time: 3/29/24 2300
Received by: AJ Baller — Date/Time: 4/01/24 @ 830 am
Relinquished/Received by: — Date/Time:

Comments/Special Instructions:

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CHAIN OF CUSTODY FORM

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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW
DATE: 3/25/24
PAGE: 4 OF 7
JOB NO: P24118.022
INSPECTORS: Angel Jimenez
LOCATION: Old Animal Shelter

SAMPLE NO.	LAB ID #	SAMPLE LOCATION	MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
3 1.	812810	-Ext	Ext Stucco / vapor Barrier			
3 2.	812811					
3 3.	812812					
3 4.	812813					
3 5.	812814					
3 6.	812815					
3 7.	812816					
3 8.	812817		Ext wall / window Seam Caulking			
3 9.	812818					
4 0.	812819					

ABBREVIATIONS:

TYPES OF MATERIALS	CONDITION	OTHER
S = Surface Material T = Thermal Systems Insulation M = Miscellaneous Material	D = Damaged SD = Significantly Damaged	SF = Square Feet LF = Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished	Date/Time
Angel Jimenez	3/29/24 2340
Relinquished/Received by: AJ Baller	Date/Time: 4.1.24 @ 8am
Relinquished/Received by	Date/Time

Comments/Special Instructions:

063549

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Asbestos Bulk Analysis ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW DATE 3/25/24 PAGE 5 OF 7
JOB NO: P24118.022 INSPECTORS Angel Jimenez
LOCATION Old Animal Shelter

SAMPLE NO	AB ID #	SAMPLE LOCATION	MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
4 1.	812820		Balcony Flooring Material			
4 2.	812821					
4 3.	812822					
4 4.	812823		Brick/ Mortar			
4 5.	812824					
4 6.	812825					
4 7.	812826	Brown Building - Roof	Roof Sealant			
4 8.	812827					
4 9.	812828					
5 0.	812829		Vapor Barrier			

ABBREVIATIONS:

TYPES OF MATERIALS	CONDITION	OTHER
Surface Material	Good	SF = Square Feet
TS = Thermal Systems Insulation	D = Damaged	LF = Linear Feet
M = Miscellaneous Material	SD = Significantly Damaged	

CHAIN OF CUSTODY

Sampled by/Relinquished: Angel Jimenez — Date/Time: 3/29/24 2300
Relinquished/Received by: AS Baker — Date/Time: 4/1-24 @ 820am
Comments/Special Instructions:

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CHAIN OF CUSTODY FORM

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La Mirada, California 90638
Tel (714) 523-9811
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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW DATE 3/25/24 PAGE 6 OF 7

JOB NO P24118.022 INSPECTORS Angel Jimenez

LOCATION Old Animal Shelter

SAMPLE NO.	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
S 1.	812830						
S 2.	812831						
S 3.	812832	-Ext		Ext wall caulking			
S 4.	812833						
S 5.	812834						
S 6.	812835	-Int		wall panel Sealant			
S 7.	812836						
S 8.	812837						
S 9.	812838			2'x4' Dsilated Ceiling Tile			
6 0.	812839						

ABBREVIATIONS:

TYPES OF MATERIALS:	CONDITION:	OTHER
S = Surface Material TS = Thermal Systems Insulatio M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	SF = Square Feet LF = Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished: Angel Jimenez — Date/Time: 3/29/24 2340

Received by: AS Baker — Date/Time: 4.1.24 @ 8am

Relinquished by/Received by: — Date/Time:

Relinquished by/Received by: — Date/Time:

063549

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CHAIN OF CUSTODY FORM

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Fax (714) 523-9816
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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT OCPW
DATE 3/25/24 PAGE 7 OF 7
JOB NO P24118.022
INSPECTORS Angel Jimenez
LOCATION Old Animal Shelter

SAMPLE NO	AB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
61	812840						
62	812841			12"x12" Tan VFT/Glue/Mastic			
63	812842						
64	812843						
65	812844			Fiberboard/Glue			
66	812845						
67	812846						
8							
9							
0							

ABBREVIATIONS:			CHAIN OF CUSTODY	
TYPES OF MATERIALS:	CONDITION:	OTHER:	Sampled by Relinquished: Angel Jimenez [signature]	Date Time: 3/29/24 2340
S = Surface Material TS = Thermal Systems Insulatio M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	S.F. = Square Feet L.F. = Linear Feet	Relinquished Received by: AS Baller [signature]	Date Time: 4.1.24 @ 8:30 am
			Relinquished Received by:	Date Time:

Comment special instructions

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Client Address: *1143 E. Fruit Street*
Santa Ana, CA 92701
Facility Name: *OCPW - Old Animal Shelter*
Facility Address: *561 The City Dive*
Orange, CA 92868

Reference Batch Number: *063548*
Sampled Date: *3/26/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/9/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812700	001	ADMIN TWO STORY BLDG. - INT	CLEAR	(HOMOGENEOUS) CARPET GLUE	NF	NONE DETECTED	100% MATRIX
812701	002	ADMIN TWO STORY BLDG. - INT	CLEAR	(HOMOGENEOUS) CARPET GLUE	NF	NONE DETECTED	100% MATRIX
812702	003	ADMIN TWO STORY BLDG. - INT	CLEAR	(HOMOGENEOUS) CARPET GLUE	NF	NONE DETECTED	100% MATRIX
812703A	004A	ADMIN TWO STORY BLDG. - INT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812703B	004B	ADMIN TWO STORY BLDG. - INT	GRAY	(HOMOGENEOUS) PLASTER	NF	NONE DETECTED	100% MATRIX
812703C	004C	ADMIN TWO STORY BLDG. - INT	BROWN/WHITE	(FIBROUS) GYPSUM	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812704A	005A	ADMIN TWO STORY BLDG. - INT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812704B	005B	ADMIN TWO STORY BLDG. - INT	GRAY	(HOMOGENEOUS) PLASTER	NF	NONE DETECTED	100% MATRIX

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Santa Ana, CA 92701
Facility Name: *OCPW - Old Animal Shelter*
Facility Address: *561 The City Dive*
Orange, CA 92868

Reference Batch Number: *063548*
Sampled Date: *3/26/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/9/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812704C	005C	ADMIN TWO STORY BLDG. - INT	BROWN/WHITE	(FIBROUS) GYPSUM	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812705A	006A	ADMIN TWO STORY BLDG. - INT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812705B	006B	ADMIN TWO STORY BLDG. - INT	GRAY	(HOMOGENEOUS) PLASTER	NF	NONE DETECTED	100% MATRIX
812705C	006C	ADMIN TWO STORY BLDG. - INT	BROWN/WHITE	(FIBROUS) GYPSUM	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812706A	007A	ADMIN TWO STORY BLDG. - INT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812706B	007B	ADMIN TWO STORY BLDG. - INT	GRAY	(HOMOGENEOUS) PLASTER	NF	NONE DETECTED	100% MATRIX
812706C	007C	ADMIN TWO STORY BLDG. - INT	BROWN/WHITE	(FIBROUS) GYPSUM	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812707A	008A	ADMIN TWO STORY BLDG. - INT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX

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Date Analyzed: *4/9/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812707B	008B	ADMIN TWO STORY BLDG. - INT	GRAY	(HOMOGENEOUS) PLASTER	NF	NONE DETECTED	100% MATRIX
812707C	008C	ADMIN TWO STORY BLDG. - INT	BROWN/WHITE	(FIBROUS) GYPSUM	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812708A	009A	ADMIN TWO STORY BLDG. - INT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812708B	009B	ADMIN TWO STORY BLDG. - INT	GRAY	(HOMOGENEOUS) PLASTER	NF	NONE DETECTED	100% MATRIX
812708C	009C	ADMIN TWO STORY BLDG. - INT	BROWN/WHITE	(FIBROUS) GYPSUM	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812709A	010A	ADMIN TWO STORY BLDG. - INT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812709B	010B	ADMIN TWO STORY BLDG. - INT	GRAY	(HOMOGENEOUS) PLASTER	NF	NONE DETECTED	100% MATRIX
812709C	010C	ADMIN TWO STORY BLDG. - INT	BROWN/WHITE	(FIBROUS) GYPSUM	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX

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Date Analyzed: 4/9/2024

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812710A	011A	ADMIN TWO STORY BLDG. - INT	BLUE	(HOMOGENEOUS) 4" BLUE BASE COVE	NF	NONE DETECTED	100% MATRIX
812710B	011B	ADMIN TWO STORY BLDG. - INT	WHITE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812711A	012A	ADMIN TWO STORY BLDG. - INT	BLUE	(HOMOGENEOUS) 4" BLUE BASE COVE	NF	NONE DETECTED	100% MATRIX
812711B	012B	ADMIN TWO STORY BLDG. - INT	WHITE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812712A	013A	ADMIN TWO STORY BLDG. - INT	BLUE	(HOMOGENEOUS) 4" BLUE BASE COVE	NF	NONE DETECTED	100% MATRIX
812712B	013B	ADMIN TWO STORY BLDG. - INT	WHITE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812713A	014A	ADMIN TWO STORY BLDG. - INT	GRAY	(HOMOGENEOUS) 6" GRAY BASE COVE	NF	NONE DETECTED	100% MATRIX
812713B	014B	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX

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Project Number: *P24118 . O22*
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Date Analyzed: *4/9/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812714A	015A	ADMIN TWO STORY BLDG. - INT	GRAY	(HOMOGENEOUS) 6" GRAY BASE COVE	NF	NONE DETECTED	100% MATRIX
812714B	015B	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812715A	016A	ADMIN TWO STORY BLDG. - INT	GRAY	(HOMOGENEOUS) 6" GRAY BASE COVE	NF	NONE DETECTED	100% MATRIX
812715B	016B	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812716A	017A	ADMIN TWO STORY BLDG. - INT	BROWN	(HOMOGENEOUS) 4" BROWN BASE COVE	NF	NONE DETECTED	100% MATRIX
812716B	017B	ADMIN TWO STORY BLDG. - INT	BROWN	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812717A	018A	ADMIN TWO STORY BLDG. - INT	BROWN	(HOMOGENEOUS) 4" BROWN BASE COVE	NF	NONE DETECTED	100% MATRIX
812717B	018B	ADMIN TWO STORY BLDG. - INT	BROWN	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX

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LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812718A	019A	ADMIN TWO STORY BLDG. - INT	BROWN	(HOMOGENEOUS) 4" BROWN BASE COVE	NF	NONE DETECTED	100% MATRIX
812718B	019B	ADMIN TWO STORY BLDG. - INT	BROWN	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812719A	020A	ADMIN TWO STORY BLDG. - INT	BROWN/WHITE	(FIBROUS) DRYWALL	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812719B	020B	ADMIN TWO STORY BLDG. - INT	WHITE	(HOMOGENEOUS) JOINT COMPOUND	FR	NONE DETECTED	100% MATRIX
812720A	021A	ADMIN TWO STORY BLDG. - INT	BROWN/WHITE	(FIBROUS) DRYWALL	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812720B	021B	ADMIN TWO STORY BLDG. - INT	WHITE	(HOMOGENEOUS) JOINT COMPOUND	FR	NONE DETECTED	100% MATRIX
812721A	022A	ADMIN TWO STORY BLDG. - INT	BROWN/WHITE	(FIBROUS) DRYWALL	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812721B	022B	ADMIN TWO STORY BLDG. - INT	WHITE	(HOMOGENEOUS) JOINT COMPOUND	FR	NONE DETECTED	100% MATRIX

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812722A	023A	ADMIN TWO STORY BLDG. - INT	WHITE/BEIGE	(FIBROUS) 12"X12" FISSURED CEILING TILE	FR	NONE DETECTED	50% CELLULOSE 15% FIBROUS GLASS 35% MATRIX
812722B	023B	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812722C	023C	ADMIN TWO STORY BLDG. - INT	BROWN	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812723A	024A	ADMIN TWO STORY BLDG. - INT	WHITE/BEIGE	(FIBROUS) 12"X12" FISSURED CEILING TILE	FR	NONE DETECTED	50% CELLULOSE 15% FIBROUS GLASS 35% MATRIX
812723B	024B	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812723C	024C	ADMIN TWO STORY BLDG. - INT	BROWN	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812724A	025A	ADMIN TWO STORY BLDG. - INT	WHITE/BEIGE	(FIBROUS) 12"X12" FISSURED CEILING TILE	FR	NONE DETECTED	50% CELLULOSE 15% FIBROUS GLASS 35% MATRIX
812724B	025B	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX

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		Sample Location/Activity	Color	Material			
812724C	025C	ADMIN TWO STORY BLDG. - INT	BROWN	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812725A	026A	ADMIN TWO STORY BLDG. - INT	TAN	(HOMOGENEOUS) TAN 9X9 VINYL FLOOR TILE	NF	2% CHRYSOTILE	98% MATRIX
812725B	026B	ADMIN TWO STORY BLDG. - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	4% CHRYSOTILE	96% MATRIX
812726A	027A	ADMIN TWO STORY BLDG. - INT	TAN	(HOMOGENEOUS) TAN 9X9 VINYL FLOOR TILE	NF	POSITIVE STOP	
812726B	027B	ADMIN TWO STORY BLDG. - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	POSITIVE STOP	
812727A	028A	ADMIN TWO STORY BLDG. - INT	TAN	(HOMOGENEOUS) TAN 9X9 VINYL FLOOR TILE	NF	POSITIVE STOP	
812727B	028B	ADMIN TWO STORY BLDG. - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	POSITIVE STOP	
812728A	029A	ADMIN TWO STORY BLDG. - INT	BROWN	(HOMOGENEOUS) BROWN 12X12 VFT (LAYERED)	NF	NONE DETECTED	100% MATRIX

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812728B	029B	ADMIN TWO STORY BLDG. - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812728C	029C	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) FLOOR TILE	NF	2% CHRYSOTILE	98% MATRIX
812728D	029D	ADMIN TWO STORY BLDG. - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	4% CHRYSOTILE	96% MATRIX
812729A	030A	ADMIN TWO STORY BLDG. - INT	BROWN	(HOMOGENEOUS) BROWN 12X12 VFT (LAYERED)	NF	NONE DETECTED	100% MATRIX
812729B	030B	ADMIN TWO STORY BLDG. - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812729C	030C	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) FLOOR TILE	NF	POSITIVE STOP	
812729D	030D	ADMIN TWO STORY BLDG. - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	POSITIVE STOP	
812730A	031A	ADMIN TWO STORY BLDG. - INT	BROWN	(HOMOGENEOUS) BROWN 12X12 VFT (LAYERED)	NF	NONE DETECTED	100% MATRIX

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Client Name: Orange County Public Works
Client Address: 1143 E. Fruit Street, Santa Ana, CA 92701
Facility Name: OCPW - Old Animal Shelter
Facility Address: 561 The City Dive, Orange, CA 92868

Reference Batch Number: 063548
Sampled Date: 3/26/2024
Sampled By: ANGEL JIMENEZ
Analyzed By: KRISTINA MARTINEZ

Project Number: P24118 . O22
Date Received: 4/1/2024
Date Analyzed: 4/9/2024

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812730B	031B	ADMIN TWO STORY BLDG. - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812730C	031C	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) FLOOR TILE	NF	POSITIVE STOP	
812730D	031D	ADMIN TWO STORY BLDG. - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	POSITIVE STOP	
812731A	032A	ADMIN TWO STORY BLDG. - INT	TAN	(HOMOGENEOUS) TAN 12"X12" VINYL FT	NF	NONE DETECTED	100% MATRIX
812731B	032B	ADMIN TWO STORY BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812732A	033A	ADMIN TWO STORY BLDG. - INT	TAN	(HOMOGENEOUS) TAN 12"X12" VINYL FT	NF	NONE DETECTED	100% MATRIX
812732B	033B	ADMIN TWO STORY BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812733A	034A	ADMIN TWO STORY BLDG. - INT	TAN	(HOMOGENEOUS) TAN 12"X12" VINYL FT	NF	NONE DETECTED	100% MATRIX

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Facility Address: *561 The City Dive*
Orange, CA 92868

Reference Batch Number: *063548*
Sampled Date: *3/26/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118* . *O22*
Date Received: *4/1/2024*
Date Analyzed: *4/10/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812733B	034B	ADMIN TWO STORY BLDG. - INT	YELLOW	(HOMOEENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812734A	035A	ADMIN TWO STORY BLDG. - INT	TAN	(HOMOGENEOUS) STAIR TREAD MATERIAL	NF	NONE DETECTED	100% MATRIX
812734B	035B	ADMIN TWO STORY BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812735A	036A	ADMIN TWO STORY BLDG. - INT	TAN	(HOMOGENEOUS) STAIR TREAD MATERIAL	NF	NONE DETECTED	100% MATRIX
812735B	036B	ADMIN TWO STORY BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812736A	037A	ADMIN TWO STORY BLDG. - INT	TAN	(HOMOGENEOUS) STAIR TREAD MATERIAL	NF	NONE DETECTED	100% MATRIX
812736B	037B	ADMIN TWO STORY BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812737A	038A	ADMIN TWO STORY BLDG. - INT	TAN	(HOMOGENEOUS) 6" TAN BASE COVE	NF	NONE DETECTED	100% MATRIX

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Reference Batch Number: *063548*
Sampled Date: *3/26/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118* . *O22*
Date Received: *4/1/2024*
Date Analyzed: *4/10/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812737B	038B	ADMIN TWO STORY BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812738A	039A	ADMIN TWO STORY BLDG. - INT	TAN	(HOMOGENEOUS) 6" TAN BASE COVE	NF	NONE DETECTED	100% MATRIX
812738B	039B	ADMIN TWO STORY BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812739A	040A	ADMIN TWO STORY BLDG. - INT	TAN	(HOMOGENEOUS) 6" TAN BASE COVE	NF	NONE DETECTED	100% MATRIX
812739B	040B	ADMIN TWO STORY BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812740	041	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) ACOUSTIC CEILING CORE	NF	NONE DETECTED	100% MATRIX
812741	042	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) ACOUSTIC CEILING CORE	NF	NONE DETECTED	100% MATRIX
812742	043	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) ACOUSTIC CEILING CORE	NF	NONE DETECTED	100% MATRIX

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Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/10/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812743	044	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) ACOUSTIC CEILING CORE	NF	NONE DETECTED	100% MATRIX
812744	045	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) ACOUSTIC CEILING CORE	NF	NONE DETECTED	100% MATRIX
812745	046	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) ACOUSTIC CEILING CORE	NF	NONE DETECTED	100% MATRIX
812746	047	ADMIN TWO STORY BLDG. - INT	BEIGE	(HOMOGENEOUS) ACOUSTIC CEILING CORE	NF	NONE DETECTED	100% MATRIX
812747	048	ADMIN TWO STORY BLDG. - INT	PINK	(FIBROUS) WALL CAVITY INSULATION	FR	NONE DETECTED	100% FIBROUS GLASS
812748	049	ADMIN TWO STORY BLDG. - INT	PINK	(FIBROUS) WALL CAVITY INSULATION	FR	NONE DETECTED	100% FIBROUS GLASS
812749	050	ADMIN TWO STORY BLDG. - INT	PINK	(FIBROUS) WALL CAVITY INSULATION	FR	NONE DETECTED	100% FIBROUS GLASS
812750	051	ADMIN TWO STORY BLDG. - INT	PINK	(FIBROUS) CEILING SPACE INSULATION	FR	NONE DETECTED	100% FIBROUS GLASS

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Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/10/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812751	052	ADMIN TWO STORY BLDG. - INT	PINK	(FIBROUS) CEILING SPACE INSULATION	FR	NONE DETECTED	100% FIBROUS GLASS
812752	053	ADMIN TWO STORY BLDG. - INT	PINK	(FIBROUS) CEILING SPACE INSULATION	FR	NONE DETECTED	100% FIBROUS GLASS
812753	054	ADMIN TWO STORY BLDG. - INT	GRAY	(FIBROUS) DUCT SEAM TAPE	NF	NONE DETECTED	30% CELLULOSE 70% MATRIX
812754	055	ADMIN TWO STORY BLDG. - INT	GRAY	(FIBROUS) DUCT SEAM TAPE	NF	NONE DETECTED	30% CELLULOSE 70% MATRIX
812755	056	ADMIN TWO STORY BLDG. - INT	GRAY	(FIBROUS) DUCT SEAM TAPE	NF	NONE DETECTED	30% CELLULOSE 70% MATRIX
812756A	057A	ADMIN TWO STORY BLDG. - INT	WHITE	(FIBROUS) WINDOW PANEL	NF	NONE DETECTED	25% FIBROUS GLASS 75% MATRIX
812756B	057B	ADMIN TWO STORY BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812757A	058A	ADMIN TWO STORY BLDG. - INT	WHITE	(FIBROUS) WINDOW PANEL	NF	NONE DETECTED	25% FIBROUS GLASS 75% MATRIX

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Project Number: *P24118* . *O22*
Date Received: *4/1/2024*
Date Analyzed: *4/10/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812757B	058B	ADMIN TWO STORY BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812758A	059A	ADMIN TWO STORY BLDG. - INT	WHITE	(FIBROUS) WINDOW PANEL	NF	NONE DETECTED	25% FIBROUS GLASS 75% MATRIX
812758B	059B	ADMIN TWO STORY BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812759	060	GREEN BLDG. - ROOF	GRAY	(HOMOGENEOUS) ROOF SEALANT	NF	NONE DETECTED	100% MATRIX
812760	061	GREEN BLDG. - ROOF	GRAY	(HOMOGENEOUS) ROOF SEALANT	NF	NONE DETECTED	100% MATRIX
812761	062	GREEN BLDG. - ROOF	GRAY	(HOMOGENEOUS) ROOF SEALANT	NF	NONE DETECTED	100% MATRIX
812762	063	GREEN BLDG. - ROOF	BLACK	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
812763	064	GREEN BLDG. - ROOF	BLACK	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX

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Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/10/2024*

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812764	065	GREEN BLDG. - ROOF	BLACK	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
812765	066	GREEN BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT WALL CAULKING	NF	NONE DETECTED	100% MATRIX
812766	067	GREEN BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT WALL CAULKING	NF	NONE DETECTED	100% MATRIX
812767	068	GREEN BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT WALL CAULKING	NF	NONE DETECTED	100% MATRIX
812768	069	GREEN BLDG. - INT	TAN	(HOMOGENEOUS) WALL PANEL SEALANT	NF	NONE DETECTED	100% MATRIX
812769	070	GREEN BLDG. - INT	TAN	(HOMOGENEOUS) WALL PANEL SEALANT	NF	NONE DETECTED	100% MATRIX
812770	071	GREEN BLDG. - INT	TAN	(HOMOGENEOUS) WALL PANEL SEALANT	NF	NONE DETECTED	100% MATRIX
812771	072	GREEN BLDG. - INT	WHITE/YELLOW	(FIBROUS) 2'X4' INSULATED CEILING TILE	NF	NONE DETECTED	80% FIBROUS GLASS 20% MATRIX

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited.In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quanitified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

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Client Name: *Orange County Public Works*
Client Address: *1143 E. Fruit Street*
Santa Ana, CA 92701
Facility Name: *OCPW - Old Animal Shelter*
Facility Address: *561 The City Dive*
Orange, CA 92868

Reference Batch Number: *063548*
Sampled Date: *3/26/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/10/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812772	073	GREEN BLDG. - INT	WHITE/YELLOW	(FIBROUS) 2'X4' INSULATED CEILING TILE	NF	NONE DETECTED	80% FIBROUS GLASS 20% MATRIX
812773	074	GREEN BLDG. - INT	WHITE/YELLOW	(FIBROUS) 2'X4' INSULATED CEILING TILE	NF	NONE DETECTED	80% FIBROUS GLASS 20% MATRIX
812774A	075A	GREEN BLDG. - INT	WHITE	(HOMOGENEOUS) 12"X12" TAN VFT	NF	NONE DETECTED	100% MATRIX
812774B	075B	GREEN BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812774C	075C	GREEN BLDG. - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	2% CHRYSOTILE	98% MATRIX
812775A	076A	GREEN BLDG. - INT	WHITE	(HOMOGENEOUS) 12"X12" TAN VFT	NF	NONE DETECTED	100% MATRIX
812775B	076B	GREEN BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812775C	076C	GREEN BLDG. - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	POSITIVE STOP	

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited.In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quanitified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

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Client Name: Orange County Public Works
Client Address: 1143 E. Fruit Street
Santa Ana, CA 92701
Facility Name: OCPW - Old Animal Shelter
Facility Address: 561 The City Dive
Orange, CA 92868

Reference Batch Number: 063548
Sampled Date: 3/26/2024
Sampled By: ANGEL JIMENEZ
Analyzed By: KRISTINA MARTINEZ

Project Number: P24118 . O22
Date Received: 4/1/2024
Date Analyzed: 4/10/2024

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812776A	077A	GREEN BLDG. - INT	WHITE	(HOMOGENEOUS) 12"X12" TAN VFT	NF	NONE DETECTED	100% MATRIX
812776B	077B	GREEN BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812776C	077C	GREEN BLDG. - INT	BLACK	(HOMOGENEOUS) MASTIC	NF	POSITIVE STOP	
812777A	078A	GREEN BLDG. - INT	WHITE/BROWN	(FIBROUS) FIBERBOARD	NF	NONE DETECTED	85% CELLULOSE 15% MATRIX
812777B	078B	GREEN BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812778A	079A	GREEN BLDG. - INT	WHITE/BROWN	(FIBROUS) FIBERBOARD	NF	NONE DETECTED	85% CELLULOSE 15% MATRIX
812778B	079B	GREEN BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
812779A	080A	GREEN BLDG. - INT	WHITE/BROWN	(FIBROUS) FIBERBOARD	NF	NONE DETECTED	85% CELLULOSE 15% MATRIX

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Facility Name: *OCPW - Old Animal Shelter*
Facility Address: *561 The City Dive*
Orange, CA 92868

Reference Batch Number: *063548*
Sampled Date: *3/26/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/10/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812779B	080B	GREEN BLDG. - INT	YELLOW	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX

Notes:

APPROVED SIGNATURE _____, Lab Manager

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited.In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quanitified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

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CHAIN OF CUSTODY FORM

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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW
DATE: 3/26/24 PAGE: 1 OF 8
JOB NO: P24118.022 INSPECTORS: Angel Jimenez
LOCATION: Old Animal Shelter

SAMPLE NO.	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
1.	812700	ADMIN TWO STORY BLDG - Int		Carpet Glue			
2.	812701						
3.	812702						
4.	812703			Plaster / Gypsum			
5.	812704						
6.	812705						
7.	812706						
8.	812707						
9.	812708						
10.	812709						

ABBREVIATIONS:

TYPES OF MATERIALS:	CONDITION:	OTHER:
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	S.F. = Square Feet L.F. = Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished: Angel Jimenez — Date/Time: 3/29/24 2300
Relinquished/Received By: AJ Baker — Date/Time: 4.1.24 @ 830am
Relinquished/Received By: — Date/Time:

Comments/Special Instructions:

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Asbestos Bulk Analysis ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW
DATE 3/26/24 PAGE 2 OF 8
JOB NO P24118.022
INSPECTORS Angel Jimenez
LOCATION Old Animal Shelter

SAMPLE NO	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
1 1.	812710			4" Blue Basecove/Glue			
1 2.	812711						
1 3.	812712						
1 4.	812713			6" Grey Basecove/Glue			
1 5.	812714						
1 6.	812715						
1 7.	812716			4" Brown Basecove/Mastic			
1 8.	812717						
1 9.	812718						
2 0.	812719			Drywall/Joint Compound			

ABBREVIATIONS:

TYPES OF MATERIALS	CONDITION	OTHER
urface Material TS Thermal Systems Insulation M = Miscellaneous Material	[illegible] = 000 D Damaged SD = Significantly Damaged	S.F. = Square Feet L.F. = Linear Feet

CHAIN OF CUSTODY

Sampled by Relinquished: Angel Jimenez [signature] Date/Time: 3/29/24 2300
Relinquished: AJ Baller [signature] Date/Time: 4.1.24 @ 830am
Relinquished Received by: Date/Time:

Comments/Special Instructions

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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT OCPW
DATE 3/26/24 PAGE 3 OF 8
JOB NO P24118.022 INSPECTORS Angel Jimenez
LOCATION Old Animal Shelter

SAMPLE NO	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
21.	812720						
22.	812721						
23.	812722			12"x12" Fissured Ceiling Tile/ Glue/Mastic			
24.	812723						
25.	812724						
26.	812725			Tan 9x9 Vinyl Floor Tile/ Mastic			
27.	812726						
28.	812727						
29.	812728			Brown 12x12 VFT/Mastic/ FT/Mastic (Layered)			
30.	812729						

ABBREVIATIONS:

TYPES OF MATERIALS	CONDITION	OTHER
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	SF = Square Feet LF = Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished	Date/Time
Angel Jimenez	3/29/24 2300
Received by/Relinquished: AJ Baller	Date/Time: 4-1-24 @ 830am
Received by/Relinquished:	Date/Time:

Comments/Special Instructions:

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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
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CLIENT: OCPW
DATE: 3/26/24
PAGE 4 OF 8
JOB NO: P24118.022
INSPECTORS: Angel Jimenez
LOCATION: Old Animal Shelter

SAMPLE NO	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
31.	812730						
32.	812731			Tan 12"x12" Vinyl FT/Glue			
33.	812732						
34.	812733						
35.	812734			Stair Tread Material/Glue			
36.	812735						
37.	812736						
38.	812737			6" Tan Basecove/Glue			
39.	812738						
40.	812739						

ABBREVIATIONS:

TYPES OF MATERIALS	CONDITION	OTHER
S - Surface Material TS - Thermal Systems Insulation M - Miscellaneous Material	G - Good D - Damaged SD - Significantly Damaged	Q - Square Feet LF - Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished: Angel Jimenez [signature] Date/Time: 3/29/24 2:30
Relinquished/Received by: AS Baller [signature] Date/Time: 4/1.24 @ 8:40am
Relinquished/Received by: Date/Time:

Comments special instructions

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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW
DATE: 3/26/24
PAGE: 5 OF 8
JOB NO: P24118.022
INSPECTORS: Angel Jimenez
LOCATION: Old Animal Shelter

SAMPLE NO.	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
41.	812740			Acoustic Ceiling Core			
42.	812741						
43.	812742						
44.	812743						
45.	812744						
46.	812745						
47.	812746						
48.	812747			Wall Cavity Insulation			
49	812748						
50	812749						

ABBREVIATIONS:

TYPES OF MATERIALS:	CONDITION:	OTHER:
surface Material TS = Thermal Systems Insulation M = Miscellaneous Material	Good D = Damaged SD = Significantly Damaged	SF = Square Feet LF = Lineal Feet

CHAIN OF CUSTODY

Sampled by/Relinquished: Angel Jimenez — Date/Time: 3/29/24 2340
Relinquished Received by: AJ Ballew — Date/Time: 4.1.24 @ 830am
Relinquished Received by: — Date/Time:

Special Instructions:

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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT OCPW
DATE 3/26/24 PAGE 6 OF 8
JOB NO P24118.022 INSPECTORS Angel Jimenez
LOCATION Old Animal Shelter

SAMPLE NO	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
S 1.	812750			Ceiling Space Insulation			
S 2.	812751						
S 3.	812752						
S 4.	812753			Duct Seam Tape			
S 5.	812754						
S 6.	812755						
S 7.	812756			Window Panel/Glue			
S 8.	812757						
S 9.	812758						
b 0.	812759	Green Bldg - Roof		Roof Sealant			

ABBREVIATIONS:			CHAIN OF CUSTODY
TYPES OF MATERIALS:	CONDITION:	OTHER:	Sampled by/Relinquished: Angel Jimenez — Date/Time: 3/29/24 2300
Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	SF = Square Feet LF = Linear Feet	Relinquished/Received by: AJ Baller — Date/Time: 4.1.24 @ 830am
			Relinquished/Received by: — Date/Time:
Comments/Special Instructions:			

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Asbestos Bulk Analysis ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

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CLIENT OCPW DATE 3/26/24 PAGE 7 OF 8

JOB NO P24118.022 INSPECTORS Angel Jimenez

LOCATION Old Animal Shelter

SAMPLE NO.	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
61	812760						
62	812761						
63	812762			vapor Barrier			
64	812763						
65	812764						
66	812765	-Ext		Ext wall Caulking			
67	812766						
68	812767						
69	812768	-Int		wall Panel Sealant			
70	812769						

ABBREVIATIONS:

TYPES OF MATERIALS	CONDITION:	OTHER:
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	SF = Square Feet LF = Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished: Angel Jimenez Date/Time: 3/29/24 2340

Relinquished by/Received by: AS Boller Date/Time: 4.1.24 @ 830am

Relinquished by/Received by: Date/Time:

Comments/special instructions:

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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW
DATE: 3/26/24
PAGE: 8 OF 8
JOB NO: P24118.022
INSPECTORS: Angel Jimenez
LOCATION: Old Animal Shelter

SAMPLE NO	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
7 1.	812770						
7 2.	812771			2'x4' Insulated Ceiling Tile			
7 3.	812772						
7 4.	812773						
7 5.	812774			12"x12" Tan VFT/ Glue/Mastic			
7 6.	812775						
7 7.	812776						
7 8.	812777			Fiberboard / Glue			
7 9.	812778						
8 0.	812779						

ABBREVIATIONS:

TYPES OF MATERIALS:	CONDITION:	OTHER:
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	S.F. = Square Feet L.F. = Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished: Angel Jimenez [signature]	Date/Time: 3/29/24 2340
Relinquished/Received By: AS Baker [signature]	Date/Time: 4.1.24 @830am
Relinquished/Received By:	Date/Time:

Comments special instructions:

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Client Address: 1143 E. Fruit Street
Santa Ana, CA 92701
Facility Name: OCPW - Old Animal Shelter
Facility Address: 561 The City Dive
Orange, CA 92868

Reference Batch Number: 063553
Sampled Date: 3/27/2024
Sampled By: ANGEL JIMENEZ
Analyzed By: KRISTINA MARTINEZ

Project Number: P24118 . O22
Date Received: 4/1/2024
Date Analyzed: 4/15/2024

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813039A	001A	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	BEIGE	(HOMOGENEOUS) SKIM COAT	NF	<1% CHRYSOTILE	100% MATRIX
813039B	001B	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX
813039P	001P	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	BEIGE	(HOMOGENEOUS) SKIM COAT	NF	<0.1%CHRYSOTILE	99.9%MATRIX
813040A	002A	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	BEIGE	(HOMOGENEOUS) SKIM COAT	NF	<1% CHRYSOTILE	100% MATRIX
813040B	002B	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX
813040P	002P	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	BEIGE	(HOMOGENEOUS) SKIM COAT	NF	<0.1%CHRYSOTILE	99.9%MATRIX
813041A	003A	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	BEIGE	(HOMOGENEOUS) SKIM COAT	NF	<1% CHRYSOTILE	100% MATRIX
813041B	003B	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX

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Facility Name: *OCPW - Old Animal Shelter*
Facility Address: *561 The City Dive*
Orange, CA 92868

Reference Batch Number: *063553*
Sampled Date: *3/27/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/15/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813041P	003P	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	BEIGE	(HOMOGENEOUS) SKIM COAT	NF	0.1% CHRYSOTILE	99.9%MATRIX
813042A	004A	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	BEIGE	(HOMOGENEOUS) SKIM COAT	NF	<1% CHRYSOTILE	100% MATRIX
813042B	004B	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX
813042P	004P	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	BEIGE	(HOMOGENEOUS) SKIM COAT	NF	<0.1%CHRYSOTILE	99.9%MATRIX
813043A	005A	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	BEIGE	(HOMOGENEOUS) SKIM COAT	NF	<1% CHRYSOTILE	100% MATRIX
813043B	005B	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX
813043P	005P	SHELTER EXTERIOR - PARTITION WALL NEAR CENTRAL BLDG.	BEIGE	(HOMOGENEOUS) SKIM COAT	NF	<0.1%CHRYSOTILE	99.9%MATRIX
813044	006	SHELTER EXTERIOR - PET SHELTER NEAR CENTRAL BLDG.	BEIGE	(HOMOGENEOUS) ROOF SEALANT	NF	NONE DETECTED	100% MATRIX

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813045	007	SHELTER EXTERIOR - PET SHELTER NEAR CENTRAL BLDG.	BEIGE	(HOMOGENEOUS) ROOF SEALANT	NF	NONE DETECTED	100% MATRIX
813046	008	SHELTER EXTERIOR - PET SHELTER NEAR CENTRAL BLDG.	BEIGE	(HOMOGENEOUS) ROOF SEALANT	NF	NONE DETECTED	100% MATRIX
813047A	009A	SHELTER EXTERIOR - PET SHELTER NEAR CENTRAL BLDG.	BLACK	(FIBROUS) SHINGLE ROOF	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
813047B	009B	SHELTER EXTERIOR - PET SHELTER NEAR CENTRAL BLDG.	BLACK	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
813048A	010A	SHELTER EXTERIOR - PET SHELTER NEAR CENTRAL BLDG.	BLACK	(FIBROUS) SHINGLE ROOF	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
813048B	010B	SHELTER EXTERIOR - PET SHELTER NEAR CENTRAL BLDG.	BLACK	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
813049A	011A	SHELTER EXTERIOR - PET SHELTER NEAR CENTRAL BLDG.	BLACK	(FIBROUS) SHINGLE ROOF	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
813049B	011B	SHELTER EXTERIOR - PET SHELTER NEAR CENTRAL BLDG.	BLACK	(FIBROUS) VAPOR BARRIER	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813050A	012A	SHELTER EXTERIOR - PET SHELTER NEAR KENNELS	WHITE/BLACK	(FIBROUS) ROLLED ON ROOF	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
813050B	012B	SHELTER EXTERIOR - PET SHELTER NEAR KENNELS	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
813051A	013A	SHELTER EXTERIOR - PET SHELTER NEAR KENNELS	WHITE/BLACK	(FIBROUS) ROLLED ON ROOF	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
813051B	013B	SHELTER EXTERIOR - PET SHELTER NEAR KENNELS	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
813052A	014A	SHELTER EXTERIOR - PET SHELTER NEAR KENNELS	WHITE/BLACK	(FIBROUS) ROLLED ON ROOF	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
813052B	014B	SHELTER EXTERIOR - PET SHELTER NEAR KENNELS	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
813053A	015A	SHELTER EXTERIOR - SOUTH CANOPY	BROWN/BLACK	(FIBROUS) ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
813053B	015B	SHELTER EXTERIOR - SOUTH CANOPY	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813053C	015C	SHELTER EXTERIOR - SOUTH CANOPY	BLACK	(FIBROUS) FELT	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
813054A	016A	SHELTER EXTERIOR - SOUTH CANOPY	BROWN/BLACK	(FIBROUS) ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
813054B	016B	SHELTER EXTERIOR - SOUTH CANOPY	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
813054C	016C	SHELTER EXTERIOR - SOUTH CANOPY	BLACK	(FIBROUS) FELT	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
813055A	017A	SHELTER EXTERIOR - SOUTH CANOPY	BROWN/BLACK	(FIBROUS) ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
813055B	017B	SHELTER EXTERIOR - SOUTH CANOPY	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
813055C	017C	SHELTER EXTERIOR - SOUTH CANOPY	BLACK	(FIBROUS) FELT	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
813056A	018A	SHELTER EXTERIOR - NORTH CANOPY	BROWN/BLACK	(FIBROUS) ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813056B	018B	SHELTER EXTERIOR - NORTH CANOPY	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
813056C	018C	SHELTER EXTERIOR - NORTH CANOPY	BLACK	(FIBROUS) FELT	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
813057A	019A	SHELTER EXTERIOR - NORTH CANOPY	BROWN/BLACK	(FIBROUS) ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
813057B	019B	SHELTER EXTERIOR - NORTH CANOPY	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
813057C	019C	SHELTER EXTERIOR - NORTH CANOPY	BLACK	(FIBROUS) FELT	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX
813058A	020A	SHELTER EXTERIOR - NORTH CANOPY	BROWN/BLACK	(FIBROUS) ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
813058B	020B	SHELTER EXTERIOR - NORTH CANOPY	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
813058C	020C	SHELTER EXTERIOR - NORTH CANOPY	BLACK	(FIBROUS) FELT	FR	NONE DETECTED	75% CELLULOSE 25% MATRIX

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813059	021	SHELTER EXTERIOR - ANIMAL KENNELS	WHITE	(FIBROUS) CEMENT WALL PANEL	NF	25% CHRYSOTILE	75% MATRIX
813060	022	SHELTER EXTERIOR - ANIMAL KENNELS	WHITE	(FIBROUS) CEMENT WALL PANEL	NF	POSITIVE STOP	
813061	023	SHELTER EXTERIOR - ANIMAL KENNELS	WHITE	(FIBROUS) CEMENT WALL PANEL	NF	POSITIVE STOP	
813062	024	SHELTER EXTERIOR - DARK ASPHALT AREA	BLACK	(HOMOGENEOUS) ASPHALT CORE	NF	NONE DETECTED	100% MATRIX
813063	025	SHELTER EXTERIOR - DARK ASPHALT AREA	BLACK	(HOMOGENEOUS) ASPHALT CORE	NF	NONE DETECTED	100% MATRIX
813064	026	SHELTER EXTERIOR - DARK ASPHALT AREA	BLACK	(HOMOGENEOUS) ASPHALT CORE	NF	NONE DETECTED	100% MATRIX
813065	027	SHELTER EXTERIOR - LIGHT ASPHALT AREA	BLACK	(HOMOGENEOUS) ASPHALT CORE	NF	NONE DETECTED	100% MATRIX
813066	028	SHELTER EXTERIOR - LIGHT ASPHALT AREA	BLACK	(HOMOGENEOUS) ASPHALT CORE	NF	NONE DETECTED	100% MATRIX

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LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813067	029	SHELTER EXTERIOR - LIGHT ASPHALT AREA	BLACK	(HOMOGENEOUS) ASPHALT CORE	NF	NONE DETECTED	100% MATRIX

Notes: P-1000 POINT COUNT

APPROVED SIGNATURE _____ Lab Manager

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CLIENT: OCPW
DATE: 3/27/24
PAGE: 1 OF 3
JOB NO: P24118.022
INSPECTORS: Angel Jimenez
LOCATION: Old Animal Shelter

SAMPLE NO	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
1.	813039	Shelter Exterior - Partition Wall Near Central Bldg		Ext Stucco			
2.	813040						
3.	813041						
4.	813042						
5.	813043						
6.	813044	- Pet Shelter Near Central Bldg		Roof Sealant			
7.	813045						
8.	813046						
9.	813047			Shingle Roof / Vapor Barrier			
10.	813048						

ABBREVIATIONS:

TYPES OF MATERIALS:	CONDITION:	OTHER:
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	S.F. = Square Feet L.F. = Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished	Date/Time
Angel Jimenez	3/29/24 2300
Relinquished/Received by: AJ Baller	Date/Time: 4.1.24 @ 8 am
Relinquished/Received by	Date/Time

Comments/Special Instructions

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063553

CHAIN OF CUSTODY FORM

10780 Valley View Avenue, Suite 100
La Mirada, California 90638
Tel: (714) 523-9811
Fax: (714) 523-9810
www.encorp.net

Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW
DATE: 3/27/24
PAGE: 2 OF 3
JOB NO.: P24118.022
INSPECTORS: Angel Jimenez
LOCATION: Old Animal Shelter

SAMPLE NO.	LAB ID #	SAMPLE LOCATION	MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
11.	813043	〃	〃			
12.	813050	- Pet Shelter Near Kennels	Rolled on Roof			
13.	813051	〃	〃			
14.	813052	〃	〃			
15.	813053	- South Canopy	Roof Core			
16.	813054	〃	〃			
17.	813055	〃	〃			
18.	813056	- North Canopy	〃			
19.	813057	〃	〃			
20.	813058	〃	〃			

ABBREVIATIONS:			CHAIN OF CUSTODY	
TYPES OF MATERIALS	CONDITION	OTHER	Sampled by/Relinquished: Angel Jimenez	Date/Time: 3/29/24 2:30
- Miscellaneous Material TSI - Thermal Systems Insulation M - Miscellaneous Material	= Good D = Damaged SD = Significantly Damaged	S.F. = Square Feet L.F. = Lineal Feet	Relinquished/Received: AS Beltran	Date/Time: 4.1.24 @ 8am
			Relinquished/Received:	Date/Time:

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CLIENT: OCPW
DATE: 3/27/24
PAGE: 3 OF 3
JOB NO: P24118.022
INSPECTORS: Angel Jimenez
LOCATION: Old Animal Shelter

SAMPLE NO.	LAB ID #	SAMPLE LOCATION	MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
1.	813059	- Animal Kennels	Cement Wall Panel			
2.	813060					
3.	813061					
4.	813062	- Dark Asphalt Area	Asphalt Core			
5.	813063					
6.	813064					
7.	813065	- Light Asphalt Area				
8.	813066					
9.	813067					
0.						

ABBREVIATIONS:

TYPES OF MATERIALS:	CONDITION:	OTHER:
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	SF = Square Feet LF = Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished: Angel Jimenez — Date/Time: 3/29/24 2300
Relinquished by/Received by: AS Bailey — Date/Time: 4.1.24 @ 8am
Comments/Special Instructions:

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Facility Address: *561 The City Dive*
Orange, CA 92868

Reference Batch Number: *063552*
Sampled Date: *3/28/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/12/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812954A	001A	CENTRAL BLDG. - ROOF	SILVER	(FIBROUS) SILVER ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
812954B	001B	CENTRAL BLDG. - ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812955A	002A	CENTRAL BLDG. - ROOF	SILVER	(FIBROUS) SILVER ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
812955B	002B	CENTRAL BLDG. - ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812956A	003A	CENTRAL BLDG. - ROOF	SILVER	(FIBROUS) SILVER ROOF CORE	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
812956B	003B	CENTRAL BLDG. - ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812957A	004A	CENTRAL BLDG. - ROOF	WHITE/BLACK	(FIBROUS) ROLLED ON ROOFING	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
812957B	004B	CENTRAL BLDG. - ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited.In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quanitified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

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Project Number: *P24118* . *O22*
Date Received: *4/1/2024*
Date Analyzed: *4/12/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812958A	005A	CENTRAL BLDG. - ROOF	WHITE/BLACK	(FIBROUS) ROLLED ON ROOFING	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
812958B	005B	CENTRAL BLDG. - ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812959A	006A	CENTRAL BLDG. - ROOF	WHITE/BLACK	(FIBROUS) ROLLED ON ROOFING	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
812959B	006B	CENTRAL BLDG. - ROOF	BLACK	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
812960	007	CENTRAL BLDG. - ROOF	BLACK/GRAY	(HOMOGENEOUS) BLACK/GRAY MASTIC	NF	NONE DETECTED	100% MATRIX
812961	008	CENTRAL BLDG. - ROOF	BLACK/GRAY	(HOMOGENEOUS) BLACK/GRAY MASTIC	NF	NONE DETECTED	100% MATRIX
812962	009	CENTRAL BLDG. - ROOF	BLACK/GRAY	(HOMOGENEOUS) BLACK/GRAY MASTIC	NF	NONE DETECTED	100% MATRIX
812963	010	CENTRAL BLDG. - ROOF	WHITE	(HOMOGENEOUS) WHITE SEALANT	NF	NONE DETECTED	100% MATRIX

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Project Number: *P24118* . *O22*
Date Received: *4/1/2024*
Date Analyzed: *4/12/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812964	011	CENTRAL BLDG. - ROOF	WHITE	(HOMOGENEOUS) WHITE SEALANT	NF	NONE DETECTED	100% MATRIX
812965	012	CENTRAL BLDG. - ROOF	WHITE	(HOMOGENEOUS) WHITE SEALANT	NF	NONE DETECTED	100% MATRIX
812966	013	CENTRAL BLDG. - ROOF	GRAY	(FIBROUS) GRAY HVAC SEALANT	NF	NONE DETECTED	3% SYNTHETIC FIBER 97% MATRIX
812967	014	CENTRAL BLDG. - ROOF	GRAY	(FIBROUS) GRAY HVAC SEALANT	NF	NONE DETECTED	3% SYNTHETIC FIBER 97% MATRIX
812968	015	CENTRAL BLDG. - ROOF	GRAY	(FIBROUS) GRAY HVAC SEALANT	NF	NONE DETECTED	3% SYNTHETIC FIBER 97% MATRIX
812969	016	CENTRAL BLDG. - ROOF	SILVER	(HOMOGENEOUS) SILVER MASTIC	NF	NONE DETECTED	3% SYNTHETIC FIBER 97% MATRIX
812970	017	CENTRAL BLDG. - ROOF	SILVER	(HOMOGENEOUS) SILVER MASTIC	NF	NONE DETECTED	3% SYNTHETIC FIBER 97% MATRIX
812971	018	CENTRAL BLDG. - ROOF	SILVER	(HOMOGENEOUS) SILVER MASTIC	NF	NONE DETECTED	3% SYNTHETIC FIBER 97% MATRIX

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LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812972	019	CENTRAL BLDG. - ROOF	GRAY	(FIBROUS) HVAC MASTIC	NF	NONE DETECTED	100% MATRIX
812973	020	CENTRAL BLDG. - ROOF	GRAY	(FIBROUS) HVAC MASTIC	NF	NONE DETECTED	100% MATRIX
812974	021	CENTRAL BLDG. - ROOF	GRAY	(FIBROUS) HVAC MASTIC	NF	NONE DETECTED	100% MATRIX
812975	022	CENTRAL BLDG. - ROOF	WHITE	(HOMOGENEOUS) HVAC INSULATION	FR	NONE DETECTED	98% FIBROUS GLASS 2% MATRIX
812976	023	CENTRAL BLDG. - ROOF	WHITE	(HOMOGENEOUS) HVAC INSULATION	FR	NONE DETECTED	98% FIBROUS GLASS 2% MATRIX
812977	024	CENTRAL BLDG. - ROOF	WHITE	(HOMOGENEOUS) HVAC INSULATION	FR	NONE DETECTED	98% FIBROUS GLASS 2% MATRIX
812978A	025A	CENTRAL BLDG. - EXT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812978B	025B	CENTRAL BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX

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Project Number: *P24118* . *O22*
Date Received: *4/1/2024*
Date Analyzed: *4/12/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812979A	026A	CENTRAL BLDG. - EXT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812979B	026B	CENTRAL BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX
812980A	027A	CENTRAL BLDG. - EXT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812980B	027B	CENTRAL BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT STUCCO	NF	NONE DETECTED	100% MATRIX
812981	028	CENTRAL BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT WINDOW SEALANT	NF	NONE DETECTED	100% MATRIX
812982	029	CENTRAL BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT WINDOW SEALANT	NF	NONE DETECTED	100% MATRIX
812983	030	CENTRAL BLDG. - EXT	GRAY	(HOMOGENEOUS) EXT WINDOW SEALANT	NF	NONE DETECTED	100% MATRIX
812984	031	CENTRAL BLDG. - EXT	BEIGE	(FIBROUS) EXT WALL PANEL MATERIAL	NF	NONE DETECTED	80% CELLULOSE 20% MATRIX

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LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812985	032	CENTRAL BLDG. - EXT	BEIGE	(FIBROUS) EXT WALL PANEL MATERIAL	NF	NONE DETECTED	80% CELLULOSE 20% MATRIX
812986	033	CENTRAL BLDG. - EXT	BEIGE	(FIBROUS) EXT WALL PANEL MATERIAL	NF	NONE DETECTED	80% CELLULOSE 20% MATRIX
812987A	034A	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812987B	034B	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) SMOOTH PLASTER	NF	NONE DETECTED	100% MATRIX
812987C	034C	CENTRAL BLDG. - INT	BROWN/WHITE	(FIBROUS) GYPSUM	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812988A	035A	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812988B	035B	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) SMOOTH PLASTER	NF	NONE DETECTED	100% MATRIX
812988C	035C	CENTRAL BLDG. - INT	BROWN/WHITE	(FIBROUS) GYPSUM	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX

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Date Analyzed: *4/12/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812989A	036A	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812989B	036B	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) SMOOTH PLASTER	NF	NONE DETECTED	100% MATRIX
812989C	036C	CENTRAL BLDG. - INT	BROWN/WHITE	(FIBROUS) GYPSUM	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812990A	037A	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812990B	037B	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) SMOOTH PLASTER	NF	NONE DETECTED	100% MATRIX
812990C	037C	CENTRAL BLDG. - INT	BROWN/WHITE	(FIBROUS) GYPSUM	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812991A	038A	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812991B	038B	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) SMOOTH PLASTER	NF	NONE DETECTED	100% MATRIX

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Orange, CA 92868

Reference Batch Number: *063552*
Sampled Date: *3/28/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/12/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812991C	038C	CENTRAL BLDG. - INT	BROWN/WHITE	(FIBROUS) GYPSUM	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812992A	039A	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812992B	039B	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) SMOOTH PLASTER	NF	NONE DETECTED	100% MATRIX
812992C	039C	CENTRAL BLDG. - INT	BROWN/WHITE	(FIBROUS) GYPSUM	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812993A	040A	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) SKIM COAT	NF	NONE DETECTED	100% MATRIX
812993B	040B	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) SMOOTH PLASTER	NF	NONE DETECTED	100% MATRIX
812993C	040C	CENTRAL BLDG. - INT	BROWN/WHITE	(FIBROUS) GYPSUM	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812994A	041A	CENTRAL BLDG. - INT	GRAY	(FIBROUS) GRAY BATTLESHIP FLOORING	NF	NONE DETECTED	20% CELLULOSE 80% MATRIX

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LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812994B	041B	CENTRAL BLDG. - INT	YELLOW	(HOMOGENEOUS) ADHESIVE	NF	NONE DETECTED	100% MATRIX
812995A	042A	CENTRAL BLDG. - INT	GRAY	(FIBROUS) GRAY BATTLESHIP FLOORING	NF	NONE DETECTED	20% CELLULOSE 80% MATRIX
812995B	042B	CENTRAL BLDG. - INT	YELLOW	(HOMOGENEOUS) ADHESIVE	NF	NONE DETECTED	100% MATRIX
812996A	043A	CENTRAL BLDG. - INT	GRAY	(FIBROUS) GRAY BATTLESHIP FLOORING	NF	NONE DETECTED	20% CELLULOSE 80% MATRIX
812996B	043B	CENTRAL BLDG. - INT	YELLOW	(HOMOGENEOUS) ADHESIVE	NF	NONE DETECTED	100% MATRIX
812997A	044A	CENTRAL BLDG. - INT	BROWN/WHITE	(FIBROUS) DRYWALL	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812997B	044B	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) JOINT COMPOUND	FR	NONE DETECTED	100% MATRIX
812998A	045A	CENTRAL BLDG. - INT	BROWN/WHITE	(FIBROUS) DRYWALL	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX

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LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
812998B	045B	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) JOINT COMPOUND	FR	NONE DETECTED	100% MATRIX
812999A	046A	CENTRAL BLDG. - INT	BROWN/WHITE	(FIBROUS) DRYWALL	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
812999B	046B	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) JOINT COMPOUND	FR	NONE DETECTED	100% MATRIX
813000A	047A	CENTRAL BLDG. - INT	BLUE	(HOMOGENEOUS) 4" BLUE BASE COVE	NF	NONE DETECTED	100% MATRIX
813000B	047B	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
813001A	048A	CENTRAL BLDG. - INT	BLUE	(HOMOGENEOUS) 4" BLUE BASE COVE	NF	NONE DETECTED	100% MATRIX
813001B	048B	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
813002A	049A	CENTRAL BLDG. - INT	BLUE	(HOMOGENEOUS) 4" BLUE BASE COVE	NF	NONE DETECTED	100% MATRIX

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LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813002B	049B	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
813003	050	CENTRAL BLDG. - INT	BROWN	(HOMOGENEOUS) EPOXY COAT FLOORNG	NF	NONE DETECTED	100% MATRIX
813004	051	CENTRAL BLDG. - INT	BROWN	(HOMOGENEOUS) EPOXY COAT FLOORNG	NF	NONE DETECTED	100% MATRIX
813005	052	CENTRAL BLDG. - INT	BROWN	(HOMOGENEOUS) EPOXY COAT FLOORNG	NF	NONE DETECTED	100% MATRIX
813006	053	CENTRAL BLDG. - INT	WHITE/BEIGE	(FIBROUS) 2X'4' FISSURED CEILING TILE	FR	NONE DETECTED	50% CELLULOSE 15% FIBROUS GLASS 35% MATRIX
813007	054	CENTRAL BLDG. - INT	WHITE/BEIGE	(FIBROUS) 2X'4' FISSURED CEILING TILE	FR	NONE DETECTED	50% CELLULOSE 15% FIBROUS GLASS 35% MATRIX
813008	055	CENTRAL BLDG. - INT	WHITE/BEIGE	(FIBROUS) 2X'4' FISSURED CEILING TILE	FR	NONE DETECTED	50% CELLULOSE 15% FIBROUS GLASS 35% MATRIX
813009	056	CENTRAL BLDG. - INT	YELLOW	(FIBROUS) CEILING SPACE INSULATION	FR	NONE DETECTED	100% FIBROUS GLASS

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813010	057	CENTRAL BLDG. - INT	YELLOW	(FIBROUS) CEILING SPACE INSULATION	FR	NONE DETECTED	100% FIBROUS GLASS
813011	058	CENTRAL BLDG. - INT	YELLOW	(FIBROUS) CEILING SPACE INSULATION	FR	NONE DETECTED	100% FIBROUS GLASS
813012A	059A	CENTRAL BLDG. - INT	BLACK	(HOMOGENEOUS) 6" BLACK BASE COVE	NF	NONE DETECTED	100% MATRIX
813012B	059B	CENTRAL BLDG. - INT	BEIGE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
813013A	060A	CENTRAL BLDG. - INT	BLACK	(HOMOGENEOUS) 6" BLACK BASE COVE	NF	NONE DETECTED	100% MATRIX
813013B	060B	CENTRAL BLDG. - INT	BEIGE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
813014A	061A	CENTRAL BLDG. - INT	BLACK	(HOMOGENEOUS) 6" BLACK BASE COVE	NF	NONE DETECTED	100% MATRIX
813014B	061B	CENTRAL BLDG. - INT	BEIGE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813015A	062A	CENTRAL BLDG. - INT	BROWN	(HOMOGENEOUS) 12"X12" WOOD DESIGN STICK ON PAD	NF	NONE DETECTED	100% MATRIX
813015B	062B	CENTRAL BLDG. - INT	CLEAR	(HOMOGENEOUS) ADHESIVE	NF	NONE DETECTED	100% MATRIX
813016A	063A	CENTRAL BLDG. - INT	BROWN	(HOMOGENEOUS) 12"X12" WOOD DESIGN STICK ON PAD	NF	NONE DETECTED	100% MATRIX
813016B	063B	CENTRAL BLDG. - INT	CLEAR	(HOMOGENEOUS) ADHESIVE	NF	NONE DETECTED	100% MATRIX
813017A	064A	CENTRAL BLDG. - INT	BROWN	(HOMOGENEOUS) 12"X12" WOOD DESIGN STICK ON PAD	NF	NONE DETECTED	100% MATRIX
813017B	064B	CENTRAL BLDG. - INT	CLEAR	(HOMOGENEOUS) ADHESIVE	NF	NONE DETECTED	100% MATRIX
813018	065	CENTRAL BLDG. - INT	YELLOW	(HOMOGENEOUS) CARPET GLUE	NF	NONE DETECTED	100% MATRIX
813019	066	CENTRAL BLDG. - INT	YELLOW	(HOMOGENEOUS) CARPET GLUE	NF	NONE DETECTED	100% MATRIX

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Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813020	067	CENTRAL BLDG. - INT	YELLOW	(HOMOGENEOUS) CARPET GLUE	NF	NONE DETECTED	100% MATRIX
813021	068	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) HVAC SEALANT	NF	NONE DETECTED	100% MATRIX
813022	069	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) HVAC SEALANT	NF	NONE DETECTED	100% MATRIX
813023	070	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) HVAC SEALANT	NF	NONE DETECTED	100% MATRIX
813024A	071A	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) ACOUSTIC CEILING CORE	FR	NONE DETECTED	100% MATRIX
813024B	071B	CENTRAL BLDG. - INT	BROWN/WHITE	(FIBROUS) DRYWALL	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
813025A	072A	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) ACOUSTIC CEILING CORE	FR	NONE DETECTED	100% MATRIX
813025B	072B	CENTRAL BLDG. - INT	BROWN/WHITE	(FIBROUS) DRYWALL	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited.In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quanitified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

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Client Name: *Orange County Public Works*
Client Address: *1143 E. Fruit Street*
Santa Ana, CA 92701
Facility Name: *OCPW - Old Animal Shelter*
Facility Address: *561 The City Dive*
Orange, CA 92868

Reference Batch Number: *063552*
Sampled Date: *3/28/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118* . *O22*
Date Received: *4/1/2024*
Date Analyzed: *4/15/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813026A	073A	CENTRAL BLDG. - INT	WHITE	(HOMOGENEOUS) ACOUSTIC CEILING CORE	NF	NONE DETECTED	100% MATRIX
813026B	073B	CENTRAL BLDG. - INT	BROWN/WHITE	(FIBROUS) DRYWALL	FR	NONE DETECTED	5% CELLULOSE 2% FIBROUS GLASS 93% MATRIX
813027A	074A	CENTRAL BLDG. - INT	BLUE	(HOMOGENEOUS) 6" BLUE BASE COVE	NF	NONE DETECTED	100% MATRIX
813027B	074B	CENTRAL BLDG. - INT	BEIGE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
813028A	075A	CENTRAL BLDG. - INT	BLUE	(HOMOGENEOUS) 6" BLUE BASE COVE	NF	NONE DETECTED	100% MATRIX
813028B	075B	CENTRAL BLDG. - INT	BEIGE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX
813029A	076A	CENTRAL BLDG. - INT	BLUE	(HOMOGENEOUS) 6" BLUE BASE COVE	NF	NONE DETECTED	100% MATRIX
813029B	076B	CENTRAL BLDG. - INT	BEIGE	(HOMOGENEOUS) GLUE	NF	NONE DETECTED	100% MATRIX

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited.In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quanitified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

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Facility Name: *OCPW - Old Animal Shelter*
Facility Address: *561 The City Dive*
Orange, CA 92868

Reference Batch Number: *063552*
Sampled Date: *3/28/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118* . *O22*
Date Received: *4/1/2024*
Date Analyzed: *4/15/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813030A	077A	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) GRAY LINOLEUM FLOORING	NF	NONE DETECTED	100% MATRIX
813030B	077B	CENTRAL BLDG. - INT	GRAY	(FIBROUS) PAPER BACKING	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
813030C	077C	CENTRAL BLDG. - INT	YELLOW	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
813031A	078A	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) GRAY LINOLEUM FLOORING	NF	NONE DETECTED	100% MATRIX
813031B	078B	CENTRAL BLDG. - INT	GRAY	(FIBROUS) PAPER BACKING	NF	NONE DETECTED	15% FIBROUS GLASS 85% MATRIX
813031C	078C	CENTRAL BLDG. - INT	YELLOW	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
813032A	079A	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) GRAY LINOLEUM FLOORING	NF	NONE DETECTED	100% MATRIX
813032B	079B	CENTRAL BLDG. - INT	GRAY	(FIBROUS) PAPER BACKING	NF	NONE DETECTED	15% CELLULOSE 85% MATRIX

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited.In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quanitified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

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Orange, CA 92868

Reference Batch Number: *063552*
Sampled Date: *3/28/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118 . O22*
Date Received: *4/1/2024*
Date Analyzed: *4/15/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813032C	079C	CENTRAL BLDG. - INT	YELLOW	(HOMOGENEOUS) MASTIC	NF	NONE DETECTED	100% MATRIX
813033	080	CENTRAL BLDG. - INT	WHITE	(FIBROUS) WALL PANEL MATERIAL (WHITE)	FR	NONE DETECTED	65% CELLULOSE 35% MATRIX
813034	081	CENTRAL BLDG. - INT	WHITE	(FIBROUS) WALL PANEL MATERIAL (WHITE)	FR	NONE DETECTED	65% CELLULOSE 35% MATRIX
813035	082	CENTRAL BLDG. - INT	WHITE	(FIBROUS) WALL PANEL MATERIAL (WHITE)	FR	NONE DETECTED	65% CELLULOSE 35% MATRIX
813036A	083A	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) WALL/CEILING PANEL SEALANT	NF	NONE DETECTED	100% MATRIX
813036B	083B	CENTRAL BLDG. - INT	BLUE	(HOMOGENEOUS) INSULATION	NF	NONE DETECTED	100% MATRIX
813037A	084A	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) WALL/CEILING PANEL SEALANT	NF	NONE DETECTED	100% MATRIX
813037B	084B	CENTRAL BLDG. - INT	BLUE	(HOMOGENEOUS) INSULATION	NF	NONE DETECTED	100% MATRIX

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited.In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quanitified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

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Facility Name: *OCPW - Old Animal Shelter*
Facility Address: *561 The City Dive*
Orange, CA 92868

Reference Batch Number: *063552*
Sampled Date: *3/28/2024*
Sampled By: *ANGEL JIMENEZ*
Analyzed By: *KRISTINA MARTINEZ*

Project Number: *P24118* . *O22*
Date Received: *4/1/2024*
Date Analyzed: *4/15/2024*

LABORATORY TEST REPORT FOR BULK ASBESTOS FIBER ANALYSIS (PLM)

Sample Number	Field/ Client Number	SAMPLE DESCRIPTION			Friable or Non-	CVE Asbestos	Non Asbestos (%)
		Sample Location/Activity	Color	Material			
813038A	085A	CENTRAL BLDG. - INT	GRAY	(HOMOGENEOUS) WALL/CEILING PANEL SEALANT	NF	NONE DETECTED	100% MATRIX
813038B	085B	CENTRAL BLDG. - INT	BLUE	(HOMOGENEOUS) INSULATION	NF	NONE DETECTED	100% MATRIX

Notes:

APPROVED SIGNATURE _____, Lab Manager

-NOTES: ND=None Detected Asbestos is not quantifiable below the method detection limit of one (1) percent. Amphibole asbestos includes amosite, crocidolite, anthophyllite, tremolite and actinolite. (FR) = Friable, (NF) = Non-Friable. Condition of sample is as received by the laboratory. Our policy is to retain all samples for a period of thirty days. Accredited by the National Voluntary Laboratory Accreditation Program and Environmental Laboratory Certification for the specific scope of accreditation under NVLAP Lab Code 200878-0. This report applies only to the items as received. Results are representative of the samples submitted and may not represent the entire materials from which the samples were collected. This report is submitted for the exclusive use of the client to whom it is addressed. Any reproduction of this report or use of this Laboratory's name for advertising or publicity purposes without prior written authorization is prohibited.In addition, this report is not to be used to claim product endorsement by NVLAP, or any agency of the U.S. Government. Where applicable, layers or "sub-samples" are reported and the Total Asbestos % represents the composite percentage of all sample layers. These samples were quanitified using a calibrated visual estimate. Bulk sample(s) submitted were analyzed in accordance with the procedures EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials, EPA – 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples.

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CHAIN OF CUSTODY FORM

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Fax: (714) 523-9810
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Asbestos Bulk Analysis ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW
DATE 3/28/24 PAGE 1 OF 9
JOB NO: P24118.022 INSPECTORS Angel Jimenez
LOCATION Old Animal Shelter

SAMPLE NO	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
1.	812954	Central Bldg -Roof		Silver Roof Coat			
2.	812955						
3.	812956						
4.	812957			Rolled on Roofing			
5.	812958						
6.	812959						
7.	812960			Black/Grey Mastic			
8.	812961						
9.	812962						
10.	812963			White Sealant			

ABBREVIATIONS:

TYPES OF MATERIALS:	CONDITION:	OTHER:
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	SF = Square Feet LF = Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished	Date/Time
Angel Jimenez	3/29/24 2340
Relinquished/Received By: AJ Baller	Date/Time: 4.1.24 @ 8am
Relinquished/Received By	Date/Time

Comments / Special Instructions

063552

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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW
DATE: 3/28/24
PAGE 2 OF 9
JOB NO: P24118.022
INSPECTORS: Angel Jimenez
LOCATION: Old Animal Shelter

SAMPLE NO	AB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
1 1.	812964						
1 2.	812965						
1 3.	812966			Grey HVAC Sealant			
1 4.	812967						
1 5.	812968						
1 6.	812969			Silver Mastic			
1 7.	812970						
1 8.	812971						
1 9.	812972			HVAC Mastic			
2 0.	812973						

ABBREVIATIONS:

TYPES OF MATERIALS	CONDITION	OTHER
Surface Material Other Air Systems Insulation M - Miscellaneous Material	Good Damaged SD - Significantly Damaged	S.F. = Square Feet L.F. = Linear Feet

CHAIN OF CUSTODY

Sampled by Relinquished	Date/Time
Angel Jimenez [signature]	3/29/24 2340
Relinquished Received By: AJ Baker [signature]	Date/Time: 4.1.24 @ 9am
Relinquished Received By	Date/Time

Comments: Special Instructions

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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☒ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW
DATE: 3/28/24 PAGE: 3 OF 9
JOB NO: P24118.022 INSPECTORS: Angel Jimenez
LOCATION: Old Animal Shelter

SAMPLE NO.	LAB ID #	SAMPLE LOCATION	MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
2 1.	812974					
2 2.	812975		HVAC Insulation			
2 3.	812976					
2 4.	812977					
2 5.	812978	- Ext	Ext Stucco			
2 6.	812979					
2 7.	812980					
2 8.	812981		Ext Window Sealant			
2 9.	812982					
3 0.	812983					

ABBREVIATIONS:

TYPES OF MATERIALS:	CONDITION:	OTHER:
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	S.F. = Square Feet L.F. = Linear Feet

CHAIN OF CUSTODY

Sampled By/ Relinquished	Date/Time
Angel Jimenez	3/29/24 2300
AJ Baller / Received By	Date/Time 4.1.24 @ 8 am
Relinquished / Received By	Date/Time

Comments/Special Instructions

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CHAIN OF CUSTODY FORM

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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☐ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW
DATE: 3/28/24 PAGE: 4 OF 9
JOB NO: 824118.022
INSPECTORS: Angel Jimenez
LOCATION: old AS

SAMPLE NO.	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
3 1.	812984			Ext wall Panel Material			
3 2.	812985						
3 3.	812986						
3 4.	812987	-Int		Smooth Plaster/Gypsum			
3 5.	812988						
3 6.	812989						
3 7.	812990						
3 8.	812991						
3 9.	812992						
4 0.	812993						

ABBREVIATIONS:			CHAIN OF CUSTODY	
TYPES OF MATERIALS:	CONDITION:	OTHER:	Sampled by/Relinquished: Angel Jimenez	Date/Time: 3/29/24 2300
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	S.F. = Square Feet L.F. = Linear Feet	Relinquished/Received By: AS Baker	Date/Time: 4/1/24 @ 8am
			Relinquished/Received By:	Date/Time:

Comments/Special Instructions:

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CHAIN OF CUSTODY FORM

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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☐ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

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CLIENT: OCPW
DATE: 3/28/24 PAGE: 5 OF 9
JOB NO: 824118.022 INSPECTORS: Angel Jimenez
LOCATION: Old AS

SAMPLE NO.	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
4 1.	812994			Grey Battleship Flooring/Adhesive			
4 2.	812995						
4 3.	812996						
4 4.	812997			Drywall/JC			
4 5.	812998						
4 6.	812999						
4 7.	813000			4" Blue Basecove/Glue			
4 8.	813001						
4 9.	813002						
5 0.	813003			Epoxy Coat Flooring			

ABBREVIATIONS:			CHAIN OF CUSTODY	
TYPES OF MATERIALS:	CONDITION:	OTHER:	Sampled by/Relinquished: Angel Jimenez	Date/Time: 3/29/24 2300
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	S.F. = Square Feet L.F. = Linear Feet	Relinquished/Received By: [illegible] Baller	Date/Time: 4.1.24 @ 8am
			Relinquished/Received By:	Date/Time:

Comments/special Instructions:

063552

CHAIN OF CUSTODY FORM

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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☐ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: ACPW
DATE: 3/28/24 PAGE: 6 OF 9
JOB NO: P24118-022 INSPECTORS: Angel Jimenez
LOCATION: Old AS

SAMPLE NO.	LAB ID #	SAMPLE LOCATION		MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
S 1.	813004						
S 2.	813005						
S 3.	813006			2'x4' Fissured Ceiling Tile			
S 4.	813007						
S 5.	813008						
S 6.	813009			Ceiling Space Insulation			
S 7.	813010						
S 8.	813011						
S 9.	813012			6" Black Basecove/Glue			
S 10.	813013						

ABBREVIATIONS:			CHAIN OF CUSTODY
TYPES OF MATERIALS:	CONDITION:	OTHER:	Sampled by/Relinquished: Angel Jimenez — Date/Time: 3/29/24 2300
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	S.F. = Square Feet L.F. = Linear Feet	Relinquished/Received By: AG Bekker — Date/Time: 4/1/24 @ 8am
			Relinquished/Received By: — Date/Time:

Comments/special Instructions:

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CHAIN OF CUSTODY FORM

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Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☐ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

CLIENT: OCPW DATE: 3/28/24 PAGE: 7 OF 9

JOB NO: P24118.022 INSPECTORS: Angel Jimenez

LOCATION: Old AS

SAMPLE NO.	LAB ID #	SAMPLE LOCATION	MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
61.	813014					
62.	813015		12"x12" wood Design Stick on Pad/Adhesive			
63.	813016					
64.	813017					
65.	813018		Carpet Glue			
66.	813019					
67.	813020					
68.	813021		HVAC sealant			
69.	813022					
70.	813023					

ABBREVIATIONS:

TYPES OF MATERIALS:	CONDITION:	OTHER:
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	S.F. = Square Feet L.F. = Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished: (Print and Sign)	Date/Time:
Angel Jimenez	3/29/24 2300
AS Baller	4-1-24 @ 8am

Comments/special Instructions:

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Engineering our Environment

063552

CHAIN OF CUSTODY FORM

Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☐ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

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CLIENT: OCPW DATE: 3/28/24 PAGE: 8 OF 9

JOB NO: 824118.022 INSPECTORS: Angel Jimenez

LOCATION: Old AS

SAMPLE NO.	LAB ID #	SAMPLE LOCATION	MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
7 1.	813024		Acoustic Ceiling Core			
7 2.	813025					
7 3.	813026					
7 4.	813027		6" Blue Basecove/Glue			
7 5.	813028					
7 6.	813029					
7 7.	813030		Grey Linoleum Flooring/Paper Backing			
7 8.	813031					
7 9.	813032					
8 0.	813033		Wall Panel Material (white)			

ABBREVIATIONS:

TYPES OF MATERIALS:	CONDITION:	OTHER:
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	S.F. = Square Feet L.F. = Linear Feet

CHAIN OF CUSTODY

Sampled by/Relinquished: (Print and Sign)	Date/Time:
Angel Jimenez	3/29/24 2300
AS Baller	4-1-24 @ 8am

Comments/special Instructions:

ENCORP
Engineering our Environment

063552 **CHAIN OF CUSTODY FORM**

Asbestos Bulk Analysis: ☐ PLM Bulk ☐ 1000 Point Count
Turn-around Time: ☐ RUSH ☐ 24 HRS ☐ 48 HRS ☐ 72 HRS ☐ Standard

16700 Valley View Avenue, Suite 100
La Mirada, California 90638
Tel: (714) 523-9811
Fax: (714) 523-9810
www.encorp.net

CLIENT: OCPW DATE: 3/28/24 PAGE: 9 OF 9

JOB NO: P24118.022 INSPECTORS: Angel Jimenez

LOCATION: Old AS

SAMPLE NO.	LAB ID #	SAMPLE LOCATION	MATERIAL DESCRIPTION	CONDITION	QUANTITY	% ASBESTOS
1.	813034					
2.	813035					
3.	813036		Wall/Ceiling Panel Sealant/Insulation			
4.	813037					
5.	813038					
6.						
7.						
8.						
9.						
0.						

ABBREVIATIONS:			CHAIN OF CUSTODY	
TYPES OF MATERIALS:	CONDITION:	OTHER:	Sampled by/Relinquished: (Print and Sign) Angel Jimenez	Date/Time: 3/29/24 2300
S = Surface Material TSI = Thermal Systems Insulation M = Miscellaneous Material	G = Good D = Damaged SD = Significantly Damaged	S.F. = Square Feet L.F. = Linear Feet	Sampled by/Relinquished: (Print and Sign) AS Baller	Date/Time: 4/1/24 @ 8am
			Sampled by/Relinquished: (Print and Sign)	Date/Time:

Comments/special Instructions:

IIB. SAMPLE ANALYSIS – LEAD XRF

XRF POSITIVE SHOTS: 43 + 130

ENCORP LEAD BASED PAINT INSPECTION WORKSHEET

CLIENT: OCPW	ADDRESS: Old Animal Shelter
SCOPE OF PROJECT:	DATE: 3/29/24
INSPECTOR: Angel Jimenez	XRF SERIAL #:	PROJECT NUMBER: P24118.022

SAMPLE NUMBER	K-SHELL READING	PAINT COLOR	SUBSTRATE	COMPONENT	CONDITION	LOCATION	QUANTITY	COMMENTS
1.	0.60	Red	Test	Paint Sheet		Confirmation		
2.	0.60	"	"	"		"		
3.	0.60	"	"	"		"		
4.	0.00	Tan	Stucco	Wall		Admin Building - Ext		
5.	0.00	"	"	"		"		
6.	0.00	"	"	"		"		
7.	0.00	"	"	"		"		
8.	0.00	Red	metal	Door		"		
9.	0.00	"	"	Doorframe		"		
10.	0.00	Tan	"	Vent		"		
11.	0.00	"	"	Trim		"		
12.	0.00	White	"	"		"		
13.	0.00	"	wood	Window		"		
14.	0.00	"	"	Fascia		"		
15.	0.00	Tan	Stucco	Overhang		"		
16.	0.00	Yellow	Metal	Bollard Post		"		
17.	0.00	Red	Wood	Door		"		
18.	0.00	"	metal	Doorframe		"		
19.	0.00	White	"	Canopy		"		
20.	0.00	"	"	Handrail		"		
21.	0.00	"	"	Ladder		"		
22.	0.00	"	Plaster	Wall		- Int		
23.	0.00	Grey	"	"		"		
24.	0.00	Blue	"	"		"		
25.	0.00	Tan	"	"		"		
26.	0.00	White	Wood	Trim		"		
27.	0.00	"	"	Handrail		"		
28.	0.00	"	Drywall	Wall		"		
29.	0.00	"	Wood	Shelving		"		
30.	0.00	"	"	Cabinet		"		

By: _____ Title: _____

ENCORP LEAD BASED PAINT INSPECTION WORKSHEET

CLIENT: OCPW	ADDRESS: Old Animal Shelter
SCOPE OF PROJECT:	DATE: 3/29/24
INSPECTOR: Angel Jimenez	XRF SERIAL #:
	PROJECT NUMBER: P24118.022

	SAMPLE NUMBER	K-SHELL READING	PAINT COLOR	SUBSTRATE	COMPONENT	CONDITION	LOCATION	QUANTITY	COMMENTS
	31.	0.00	White	Plaster	Ceiling				
	32.	0.00	"	Brick	Wall				
	33.	0.00	Blue	"	"				
	34.	0.00	White	Wood	Window				
	35.	0.00	Tan	Metal	Lockers				
	36.	0.00	Brown	Ceramic	Floor Tile				
	37.	0.00	"	"	Wall Tile				
	38.	0.00	"	Metal	Partition				
	39.	0.00	White	Porcelain	Sink				
	40.	0.00	"	"	Toilet				
	41.	0.00	"	"	Urinal				
	42.	0.00	~~Yellow~~	~~Ceramic~~	Shower Tile				VOID- Tile is Tan Speckled
*	43.	3.40	Tan Speckled	Ceramic	Shower Tile			300Φ	Locker Rooms 1st + 2nd Floor
	44.	0.00	White	Porcelain	Sink				Janitor closet
	45.	0.00	Blue	Wood	Window Panel				
	46.	0.00	Tan	"	"		- Ext		
	47.	0.00	White	Concrete	Wall		Central Building - Ext		
	48.	0.00	"	"	"		"		
	49.	0.00	Brown	"	"		"		
	50.	0.00	"	"	"		"		
	51.	0.00	White	Wood	"		"		
	52.	0.00	"	Stucco	"		"		
	53.	0.00	"	"	Overhang		"		
	54.	0.00	Brown	Wood	"		"		
	55.	0.00	"	"	Fascia		"		
	56.	0.00	White	Metal	Gutter		"		
	57.	0.00	"	"	Downspout		"		
	58.	0.00	Red	"	Post		"		
	59.	0.00	Brown	"	Door		"		
	60.	0.00	"	"	Door frame		"		

By: _____ Title: _____

ENCORP LEAD BASED PAINT INSPECTION WORKSHEET

CLIENT: OCPW	ADDRESS: Old Animal Shelter
SCOPE OF PROJECT:	DATE: 3/29/24
INSPECTOR: Angel Jimenez	XRF SERIAL #:
	PROJECT NUMBER: 824118.022

SAMPLE NUMBER	K-SHELL READING	PAINT COLOR	SUBSTRATE	COMPONENT	CONDITION	LOCATION	QUANTITY	COMMENTS
61.	0.00	White	Metal	Door				
62.	0.00	Brown	"	Doorframe				
63.	0.00	White	Wood	Door				
64.	0.00	Grey	Metal	"				
65.	0.00	"	"	Doorframe				
66.	0.00	White	Wood	Overhang				
67.	0.00	Multicolor	Brick	Wall				
68.	0.00	Brown	Wood	Door				
69.	0.00	"	"	Doorframe				
70.	0.00	White	"	Window/ Door Panel				
71.	0.00	"	"	Fence				
72.	0.00	"	Metal	Window				
73.	0.00	Tan	Plaster	Wall		-Int		
74.	0.00	"	"	"		"		
75.	0.00	Purple	"	"		"		
76.	0.00	Blue	"	"		"		
77.	0.00	"	Wood	Door		"		
78.	0.00	White	"	Doorframe		"		
79.	0.00	Tan	Metal	Door		"		
80.	0.00	"	"	Doorframe		"		
81.	0.00	Gray	"	Door		"		
82.	0.00	Purple	"	Doorframe		"		
83.	0.00	Grey	Concrete	Floor		"		
84.	0.00	"	Metal	Partition		"		
85.	0.00	White	Porcelain	Sink		"		
86.	0.00	"	"	Urinal		"		
87.	0.00	"	"	Toilet		"		
88.	0.00	"	Plaster	Wall		"		
89.	0.00	"	"	"		"		
90.	0.00	"	"	Ceiling		"		

By: _____ Title: _____

ENCORP LEAD BASED PAINT INSPECTION WORKSHEET

CLIENT: OCPW	ADDRESS: Old Animal Shelter
SCOPE OF PROJECT:	DATE: 3/29/24
INSPECTOR: Angel Jimenez	XRF SERIAL #:
	PROJECT NUMBER: P24118.022

SAMPLE NUMBER	K-SHELL READING	PAINT COLOR	SUBSTRATE	COMPONENT	CONDITION	LOCATION	QUANTITY	COMMENTS
91.	0.00	Tan	Wood	Wall Panel				
92.	0.00	White	"	"				
93.	0.00	Purple	Metal	Door				
94.	0.00	"	"	Doortrame				
95.	0.00	Green	Plaster	Wall				
96.	0.00	Purple	"	"				
97.	0.00	White	Brick	"				
98.	0.00	Blue	"	"				
99.	0.00	White	Wood	Wall Panel				
100.	0.00	"	"	"		- Ext		
101.	0.00	Black	Metal	Ladder		- Ext		
102.	0.00	Light Brown	Wood	Wall Panel		Brown Building - Ext		
103.	0.00	"	"	"		"		
104.	0.00	"	"	"		"		
105.	0.00	"	"	"		"		
106.	0.00	Brown	"	Trim		"		
107.	0.00	Blue	"	Wall Panel		- Int		
108.	0.00	Purple	"	"		"		
109.	0.00	White	"	Cabinet		"		
110.	0.00	"	"	Door		"		
111.	0.00	Brown	Metal	"		- Ext		
112.	0.00	"	"	Panel		"		
113.	0.00	Green	Wood	Wall Panel		Green Building - Ext		
114.	0.00	"	"	"		"		
115.	0.00	"	"	"		"		
116.	0.00	Light Brown	"	"		"		
117.	0.00	Yellow	"	Trim		"		
118.	0.00	Green	Metal	Door		"		
119.	0.00	White	Wood	Wall Panel		- Int		
120.	0.00	Purple	"	"		"		

By: _____ Title: _____

ENCORP LEAD BASED PAINT INSPECTION WORKSHEET

CLIENT: OCPW	ADDRESS: Old Animal Shelter
SCOPE OF PROJECT:	DATE: 3/29/24
INSPECTOR: Angel Jimenez	XRF SERIAL #:
	PROJECT NUMBER: P24118.022

SAMPLE NUMBER	K-SHELL READING	PAINT COLOR	SUBSTRATE	COMPONENT	CONDITION	LOCATION	QUANTITY	COMMENTS
121.	0.00	Yellow	Asphalt	Paint Stripe		Shelter Exterior		
122.	0.00	White	"	"		"		
123.	0.00	"	metal	Kennel Door		"		
124.	0.00	"	Wood	Kennel Trim		"		
125.	0.00	"	Concrete	Kennel Siding		"		
126.	0.00	Brown	"	"		"		
127.	0.00	Red	Metal	Kennel Panel		"		
128.	0.00	Blue	"	"		"		
129.	0.00	Green	"	"		"		
* 130.	2.80	Yellow	"	Light Post		"	300#	12 Light Posts @ North side + center
131.	0.00	White	Wood	Kennel Door		"		
132.	0.00	"	Metal	Conduit		"		
133.	0.00	Blue	Concrete	Kennel Siding		"		
134.	0.00	"	Metal	Trim		"		
135.	0.00	Yellow	"	Handrail		"		
136.	0.00	Tan	Stucco	Partition Wall		"		
137.	0.00	White	Concrete	Kennel Wall		"		
138.	0.00	"	"	"		"		
139.	0.00	Blue	"	"		"		
140.	0.00	Multicolor	"	"		"		
141.	0.00	Green	"	"		"		
142.	0.00	White	Metal	Kennel Door		"		
143.	0.00	Red	"	Door frame		"		
144.	0.00	White	"	Kennel Gutter		"		
145.	0.00	"	"	Storage Bin		"		
146.	0.00	Red	"	"		"		
147.	0.00	Green	"	Door		"		
148.	0.00	"	"	Door frame		"		
149.	0.00	White	Concrete	Perimeter Wall		"		
150.	0.00	Red	Metal	Hydrant		"		

By: _____ Title: _____

ENCORP LEAD BASED PAINT INSPECTION WORKSHEET

CLIENT: OCPW	ADDRESS: Old Animal Shelter	
SCOPE OF PROJECT:		DATE: 3/29/24
INSPECTOR: Angel Jimenez	XRF SERIAL #:	PROJECT NUMBER: P24118.022

SAMPLE NUMBER	K-SHELL READING	PAINT COLOR	SUBSTRATE	COMPONENT	CONDITION	LOCATION	QUANTITY	COMMENTS
151.	0.00	Blue	Concrete	Perimeter wall				
152.	0.00	Silver	Metal	Door				
153.	0.00	"	"	Doorframe				
154.	0.00	Tan	Concrete	Perimeter Wall				
155.	0.00	White	Metal	Garage Door		Admin Bldg - Ext		
156.	0.00	Green	"	Light Post		Shelter Exterior		
157.	0.00	Yellow	"	Conduit Box		"		
158.	0.00	"	"	Partition Post		"		
159.	0.00	White	"	Light Post		"		
160.	0.00	Black	"	Canopy		"		
161.	0.00	Red	Tile	Paint Sheet		Confirmation		
162.	0.00	"	"	"		"		
163.	0.00	"	"	"		"		
4.	.							
5.	.							
6.	.							
7.	.							
8.	.							
9.	.							
0.	.							
1.	.							
2.	.							
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7.	.							
8.	.							
9.	.							
0.	.							

By: _____ Title: _____

#2 XRF
POSITIVE
#3

III. CERTIFICATIONS

ENCORP
Engineering our Environment

16700 Valley View Avenue
Suite 100
La Mirada, California 90638
p: 714.523.9811
f: 714.523.9810



State of California
Division of Occupational Safety and Health
Certified Site Surveillance Technician

Angel Jimenez
Name

Certification No. 15-5431

Expires on 05/12/24

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Sampling Technician	LRC-00002763	9/15/2024

Angel Jimenez

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD

ENCORP
Engineering our Environment

16700 Valley View Avenue
Suite 100
La Mirada, California 90638
p: 714.523.9811
f: 714.523.9810

State of California
Division of Occupational Safety and Health
Certified Asbestos Consultant

Alexander E Blankevoort
Name



Certification No. **04-3555**

Expires on **03/18/25**

This certification was issued by the Division of Occupational Safety and Health as authorized by Sections 7180 et seq. of the Business and Professions Code.

California Department of PublicHealth

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC HEALTH

LEAD-RELATED CONSTRUCTION CERTIFICATE

INDIVIDUAL:	CERTIFICATE TYPE:	NUMBER:	EXPIRATION DATE:
	Lead Inspector/Assessor	LRC-00005443	2/21/2025

Alexander Blankevoort

Disclaimer: This document alone should not be relied upon to confirm certification status. Compare the individual's photo and name to another valid form of government issued photo identification. Verify the individual's certification status by searching for Lead-Related Construction Professionals at www.cdph.ca.gov/programs/clppb or calling (800) 597-LEAD

IV. FIELD INSPECTION DATA

HOMOGENEOUS MATERIALS INSPECTION FORM

Date: 3/25/24 Project Name: ACM Project # P2418.022

Project Address: Old Animal Shelter

Inspector(s): Angel Jimenez Page: 1 of 3

Building: Building Code:

Material Description	Locations	Individual Sq Ft	Total Sq Ft	Condition	Qty of Samples	Sample #'s
Roof Coat	Two Story ~~Admin~~ Bldg ADMIN - Roof		5000ϕ	G	3	1-3
Black/Grey Mastic			120ϕ	G	3	4-6
white Sealant			20ϕ	G	3	7-9
Silver mastic			40ϕ	G	3	10-12
HVAC Seam Mastic			80ϕ	G	3	13-15
HVAC Insulation/ Vapor Barrier			600ϕ	G	3	16-18
Roof Edge Mastic			30ϕ	G	3	19-21

HOMOGENEOUS MATERIALS INSPECTION FORM

Date: 3/25/24 Project Name: Acm Project # P24118.022

Project Address: old Animal Shelter

Inspector(s): Angel Jimenez Page: 2 of 3

Building: Building Code:

Material Description	Locations	Individual Sq Ft	Total Sq Ft	Condition	Qty of Samples	Sample #'s
Walk on Roof Mat			500ϕ	G	3	22-24
White Mastic			10ϕ	G	3	25-27
Pipe Lagging			10ϕ	G	3	28-30
Ext Stucco/ Vapor Barrier	-Ext		6000ϕ	G	7	31-37
Ext Wall/Window Seam Caulking			70ϕ	G	3	38-40
Balcony Flooring Material			500ϕ	G	3	41-43
Brick/Mortar			9000ϕ	G	3	44-46

HOMOGENEOUS MATERIALS INSPECTION FORM

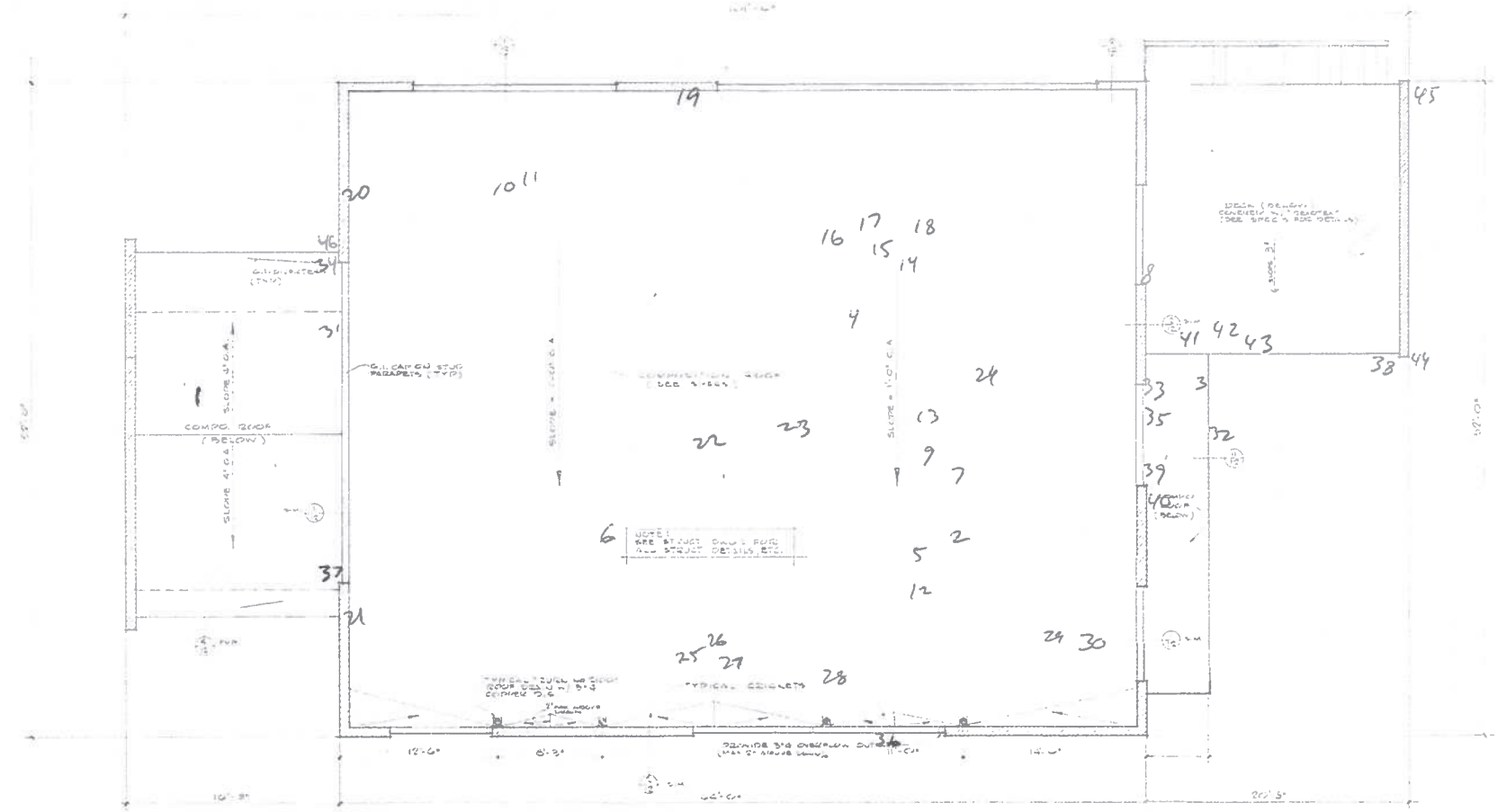
Date: 3/25/24 Project Name: ACM Project # P24118.022

Project Address: Old Animal Shelter

Inspector(s): Angel Jimenez Page: 3 of 3

Building: Building Code:

Material Description	Locations	Individual Sq Ft	Total Sq Ft	Condition	Qty of Samples	Sample #'s
Roof Sealant	Brown Building - Roof		15 ◻	G	3	47-49
Vapor Barrier			700◻	G	3	50-52
Ext Wall Caulking	- Ext		50◻	G	3	53-55
Wall Panel Sealant	- Int		20◻	G	3	56-58
2'x4' Insulated Ceiling Tile			700◻	G	3	59-61
12"x12" Tan VFT/Glue/Mastic			700◻	G	3	62-64
Fiberboard/Glue			1000◻	G	3	65-67



BUILT UP ROOFING:

ROSIN SIZED SHEATING:	4 LBS
FELTS: 4 LAYERS OF #15 ASPHALT-SAT. RAG FELT	40 LBS
BITUMEN: AQUADAR-ACPPG BTWN FELTS	60 LBS
FLOOD COAT TO RECEIVE SLAG.	60 LBS
SURFACING: SLAG	300 LBS

ROOF PLAN ~ 1/4" = 1'-0"

3/25/24
#=PLM
P24118.022
20703-227

PLAN No. 166750

BUILDING SERVICES DEPARTMENT
COUNTY OF ORANGE
SANTA ANA CALIFORNIA
APPROVED FOR COUNTY DATE

JORDAN & ENDSLEY architects A.I.A.
77 W. nineteenth street costa mesa calif liberty 8-7151
Cliff C. Endsley
KILLARD & JORDAN
CLIFFORD ENDSLEY

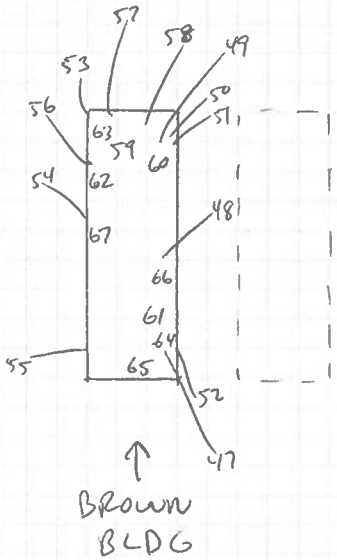
REVISIONS

MARK	DATE	DESCRIPTION	BY

DATE 2-18-65
DRAWN J.W.L.
CHECKED
APPROVED

ROOF PLAN
ANIMAL SHELTER ADMINISTRATION BUILDING
56 E MANCHESTER ORANGE CALIF.

ANIMAL SHELTER
CPP CR
JOB NO. 64-1AW
SHEET NO. 4



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= PLM

DESCRIPTION: Old Animal Shelter – Brown Bldg	
JOB NAME: ACM	
JOB NUMBER: P24118.022	
DRAWN BY: Angel Jimenez	DATE: 3/25/24

ENCORP
Engineering our Environment
16700 Valley View Ave., Suite 100
La Mirada, CA 90638
(714) 523-9811 FAX(714) 523-9810

HOMOGENEOUS MATERIALS INSPECTION FORM

Date: 3/26/24 Project Name: ACM Project # P24118.022

Project Address: Old Animal Shelter

Inspector(s): Angel Sinenez Page: 1 of 4

Building: Building Code:

Material Description	Locations	Individual Sq Ft	Total Sq Ft	Condition	Qty of Samples	Sample #'s
Carpet Glue	ADMIN Two Story Bldg - Throughout Interior		3500Φ	G	3	1-3
Plaster/ Gypsum			14,900Φ		7	4-10
4" Blue Basecove/ Glue	- Street Entrance/ (Foyer) Offices		600Φ		3	11-13
6" Grey Basecove/ Glue	~~Hallway~~/ Hallway/ Throughout 1st Floor		160Φ		3	14-16
4" Brown Basecove/ Mastic	- Locker Rooms/ Storage Rooms		220Φ		3	17-19
Drywall/ Joint Compound	- Partition Walls		30000Φ		3	20-22
12"x12" Fissured Ceiling Tile/ Glue/ mastic	- 2nd Floor Offices/Hall		2200Φ	D (120Φ of damage/ dislodgement	3	23-25

Garage + Mech Room: NO KEY ACCESS + DOORS BOLTED SHUT (OCPW rep requests this is referenced on rep

HOMOGENEOUS MATERIALS INSPECTION FORM

Date: 3/26/24 Project Name: Acm Project # P2418.022

Project Address: Old Animal Shelter

Inspector(s): Angel Jimenez Page: 2 of 4

Building: Building Code:

Material Description	Locations	Individual Sq Ft	Total Sq Ft	Condition	Qty of Samples	Sample #'s
Tan 9x9 Vinyl Floor Tile/Mastic	-1st Floor Exposed + Below Carpet/ East Stair Landing		3000ϕ	G	3	26-28
Brown 12x12 VFT/Mastic Floor Tile/ Mastic (Layered)	-2nd Floor Exposed + Below Carpet		3300ϕ	G	3	29-31
Tan 12x12 Vinyl Floor Tile/ Glue	-west Stair Landing		40ϕ	G	3	32-34
Stair Tread Material/ Glue	- East + West Stairs		230ϕ	G	3	35-37
6" Tan Basecove/ Glue	- East + west Stair Landings/ Trims		30ϕ	G	3	38-40
Acoustic Ceiling Core	-Throughout Interior		7000ϕ	G (10ϕ of damage)	7	41-47
Wall Cavity Insulation	Wall -cavities		15000ϕ	G	3	48-50

HOMOGENEOUS MATERIALS INSPECTION FORM

Date: 3/26/24 Project Name: ACM Project # P24118.022

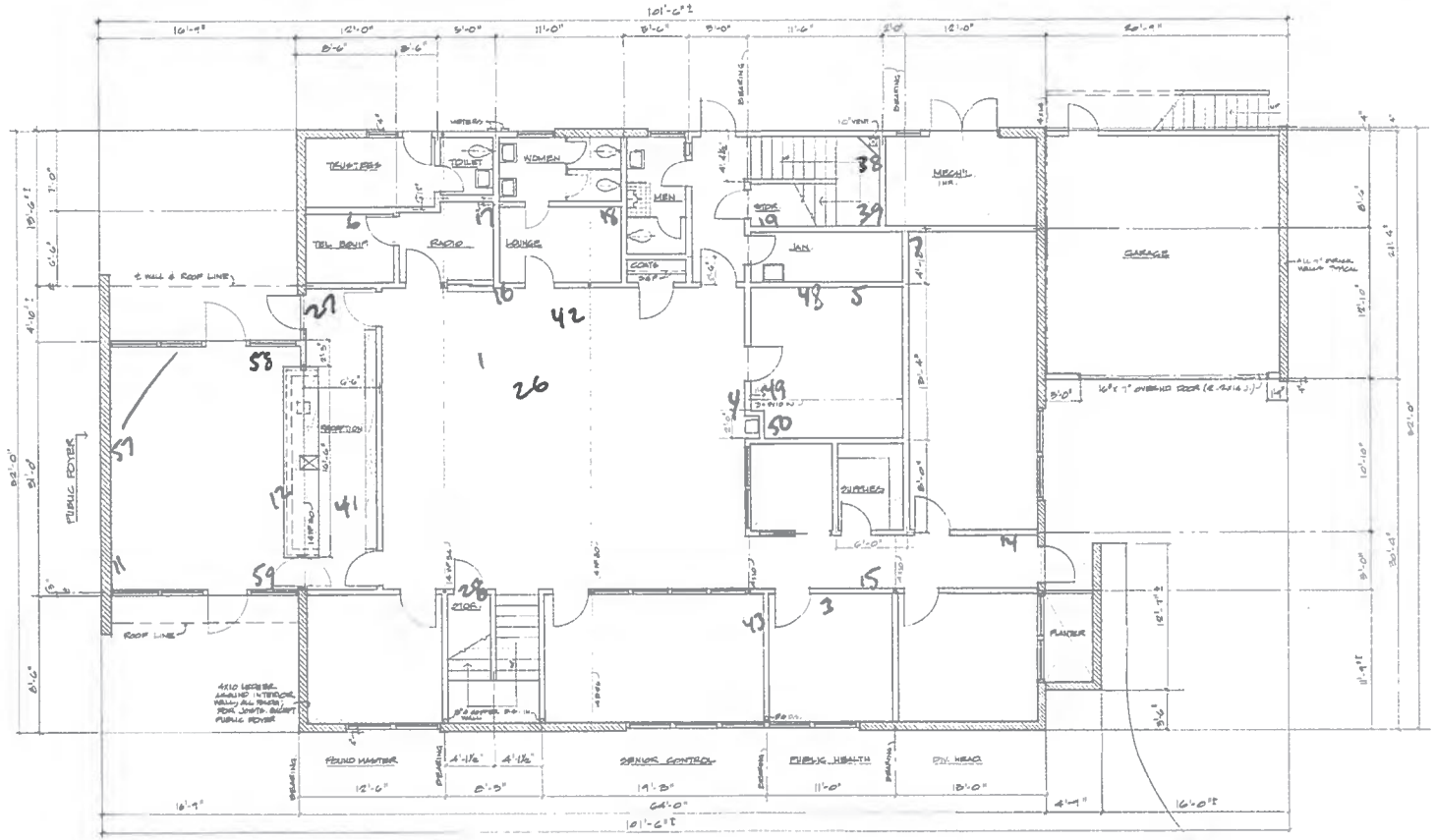
Project Address: Old Animal Shelter

Inspector(s): Angel Jimenez Page: 4 of 4

Building: Building Code:

Material Description	Locations	Individual Sq Ft	Total Sq Ft	Condition	Qty of Samples	Sample #'s
2'x4' Insulated Ceiling Tile	Int		700sf	G	3	72-74
12"x12" Tan VFT/Glue/Mastic			700sf	G	3	75-77
Fiberboard/Glue			1000sf	G	3	78-80

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



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FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

NOTE

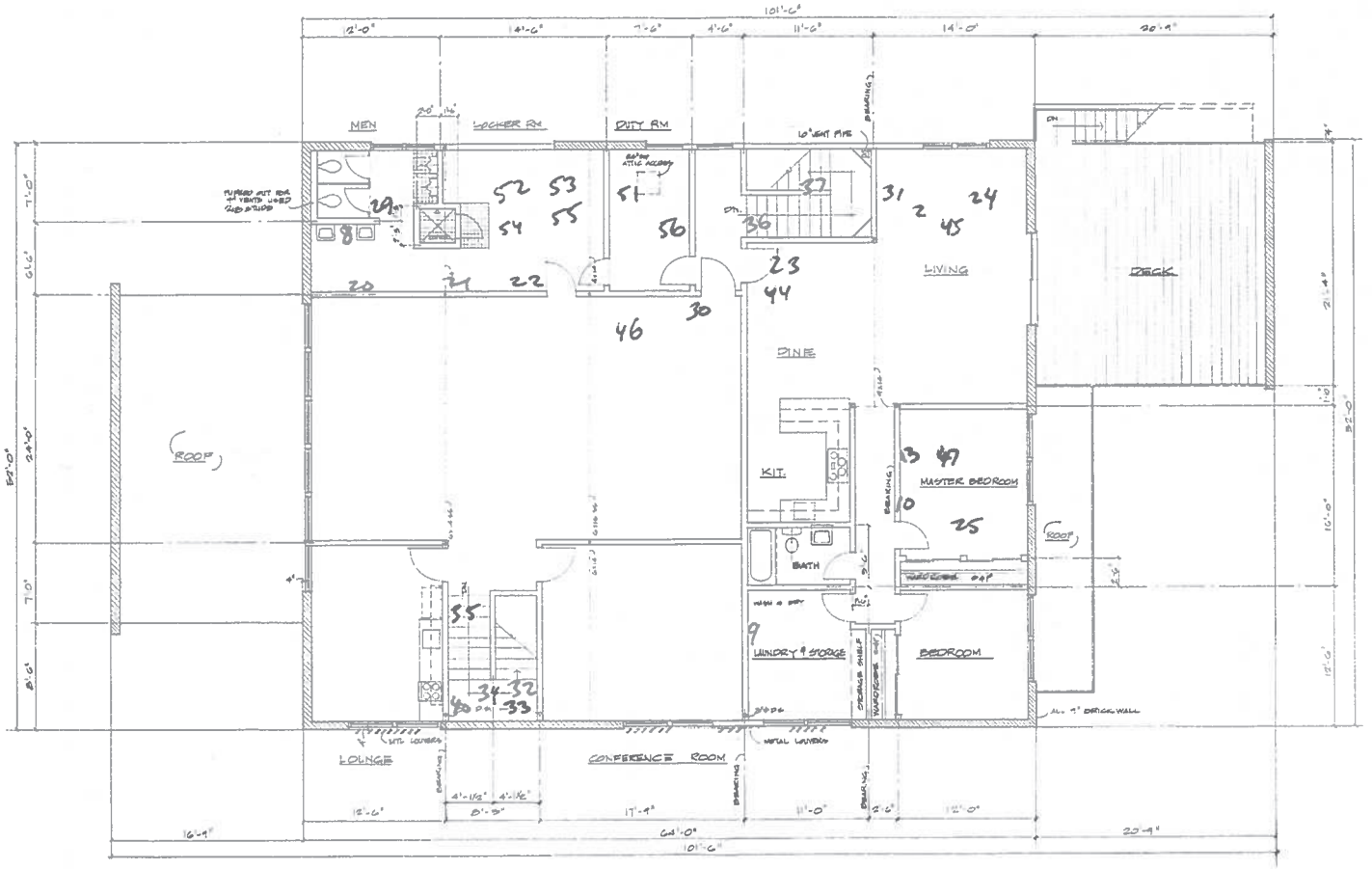
ALL CLG HT @ FIRST FLR IS 8'-0"
EXCEPTIONS:
RMS. 102 - 01 = 9'-0" CLG
RM. 18 = 9'-6" CLG
= - 3'0" FURRED
= 4'-0" ROOFS

#=PLM
3/26/24
P24118.022

AS BUILT

DRAFTING & DESIGN SECTION	BUILDING SERVICES DEPARTMENT COUNTY OF ORANGE SANTA ANA, CALIFORNIA
DES. DRAFTING ENG.	DEPARTMENT HEALTH CARE AGENCY PUBLIC HEALTH SERVICES
SURV. CHKD.	ADDRESS 65 FOR MANCHESTER AVENUE
SUBMITTED BY DATE	TITLE ANIMAL SHELTER ADM. BLDG. FIRST FLOOR PLAN
FIELD MEASUREMENTS BY: CHF. FIELD ENG. DR. MGR. CHKD. ENG.	
SATISFACTORY TO: DATE	JOB NO. 679
APPROVED FOR COUNTY DATE	BUILDING PLAN NO. DATES, 9/21/66 166750 10203-26
	SCALE 1/8"=1'-0" CONTRACT NO. SHEET 1 OF

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED



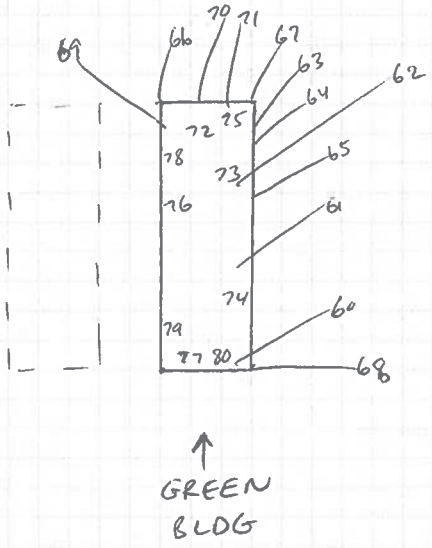
SECOND FLOOR PLAN
SCALE: 1/4"=1'-0"

NOTE:
CLG. HT. @ SECOND FLOOR IS 8'-0"
PRECEPTION IS SQUAD RM WHICH IS 4'-0" HIGH.

#=PLM
3/26/24
P24118.022

AS BUILT

DRAFTING & DESIGN SECTION	BUILDING SERVICES DEPARTMENT COUNTY OF ORANGE SANTA ANA, CALIFORNIA
DES. / DR. / DRAWN / CHK.	DEPARTMENT HEALTH DEPT. VETERINARY DIVISION
SURV. / CH. ENGR.	ADDRESS 561 SO. MANCHESTER, ORANGE
SUBMITTED BY / DATE	TITLE ANIMAL SHELTER ADM. BLDG SECOND FLOOR PLAN
FIRM MEMBER (TITLE)	
FOR / FIRE PROT	
SR. MGR. / CHF. ENG.	
SATISFACTORY TO	JOB NO. 679
TITLE / DATE	BUILDING PLAN NO. DATE 9/28/66 166750
APPROVED FOR COUNTY / DATE	SCALE NOTE / CONTRACT NO. / SHEET 2 OF



N ↑

= PLM

DESCRIPTION: Old Animal Shelter - Green Bldg	
JOB NAME: ACM	
JOB NUMBER: P24118.022	
DRAWN BY: Angel Jimenez	DATE: 3 / 26 / 24

ENCORP
Engineering our Environment
16700 Valley View Ave., Suite 100
La Mirada, CA 90638
(714) 523-9811 FAX(714) 523-9810

HOMOGENEOUS MATERIALS INSPECTION FORM

Date: 3/27/24 Project Name: Acm Project # P24118.022

Project Address: old Animal Shelter

Inspector(s): Angel Jimenez Page: 1 of 2

Building: Building Code:

Material Description	Locations	Individual Sq Ft	Total Sq Ft	Condition	Qty of Samples	Sample #'s
Ext Stucco	Shelter Exterior - Partition Wall Near Central Building		2500±	G	5	1-5
Roof Sealant	- Pet Shelter Near Central Bldg		1± ~~15±~~		3	6-8
Shingle Roof/ Vapor Barrier			15±		3	9-11
Rolled on Roof	- Pet Shelter Near Kennels		5±		3	12-14
Roof Core	- South Canopy		19±		3	15-17
Roof Core	- North Canopy		1900		3	18-20
Cement Wall Panel	- Animal Kennels		4200±		3	21-23

(Transite Roof Panels previously sampled - see P18271-022 - 5000± estimated

HOMOGENEOUS MATERIALS INSPECTION FORM

Date: 3/27/24 Project Name: ACM Project # P24118.022

Project Address: old Animal Shelter

Inspector(s): Angel Jimenez Page: 2 of 2

Building: Building Code:

Material Description	Locations	Individual Sq Ft	Total Sq Ft	Condition	Qty of Samples	Sample #'s
Asphalt Core	- Dark Asphalt		70,000sf	6	3	24-26
Asphalt Core	- Light Asphalt		20,000sf		3	27-29

EXTERIOR
#=PLAN

HOMOGENEOUS MATERIALS INSPECTION FORM

Date: 3/28/24 Project Name: AEM Project # P24118.022

Project Address: Old Animal Shelter

Inspector(s): Angel Jimenez Page: 1 of 4

Building: Building Code:

Material Description	Locations	Individual Sq Ft	Total Sq Ft	Condition	Qty of Samples	Sample #'s
Silver Roof Core	Central Bldg - Roof		4300ϕ	6	3	1-3
Rolled on Roofing Core			1000ϕ			4-6
Black / Grey Mastic			70ϕ			7-9
White Sealant			50ϕ			10-12
Grey HVAC Sealant			30ϕ			13-15
Silver Mastic			180ϕ			16-18
HVAC Mastic			30ϕ			19-21

HOMOGENEOUS MATERIALS INSPECTION FORM

Date: 3/28/24 Project Name: ACM Project # P24118.022

Project Address: Old Animal Shelter

Inspector(s): Angel Jimenez Page: 2 of 4

Building: Building Code:

Material Description	Locations	Individual Sq Ft	Total Sq Ft	Condition	Qty of Samples	Sample #'s
HVAC Insulation			300ø	G	3	22-24
Ext Stucco	-Ext		980ø		3	25-27
Ext window Sealant			30ø		3	28-30
Ext Wall panel material			500ø		3	31-33
Smooth Plaster/ Gypsum	-Throughout Interior		8000ø		7	34-40
Grey Battleship Flooring/ Adhesive	Command Center/ office South office		500ø		3	41-43
Drywall/ Joint Compound	-office Partitions		1000ø		3	44-46

HOMOGENEOUS MATERIALS INSPECTION FORM

Date: 3/28/24 Project Name: ACM Project # P24118.022

Project Address: Old Animal Shelter

Inspector(s): Angel Simmerer Page: 3 of 4

Building: Building Code:

Material Description	Locations	Individual Sq Ft	Total Sq Ft	Condition	Qty of Samples	Sample #'s
4" Blue Base cove/ Glue	- South office/ command center		50±	G	3	47-49
Epoxy Coat Flooring	- Radiation/ Offices/ Restrooms		2000±			50-52
2'x4' Fissured Ceiling Tile	- Offices/ Command Center		1800±			53-55
Ceiling Space Insulation	- Above Drop Ceiling		3000±			56-58
6" Black Base cove/ Glue	- office Vestibule		20±			59-61
12"x12" wood Design Stick on Pad/ Adhesive (Below Carpet)			100±			62-64
Carpet Glue	- command Center/ office vestibule		400±			65-67

HOMOGENEOUS MATERIALS INSPECTION FORM

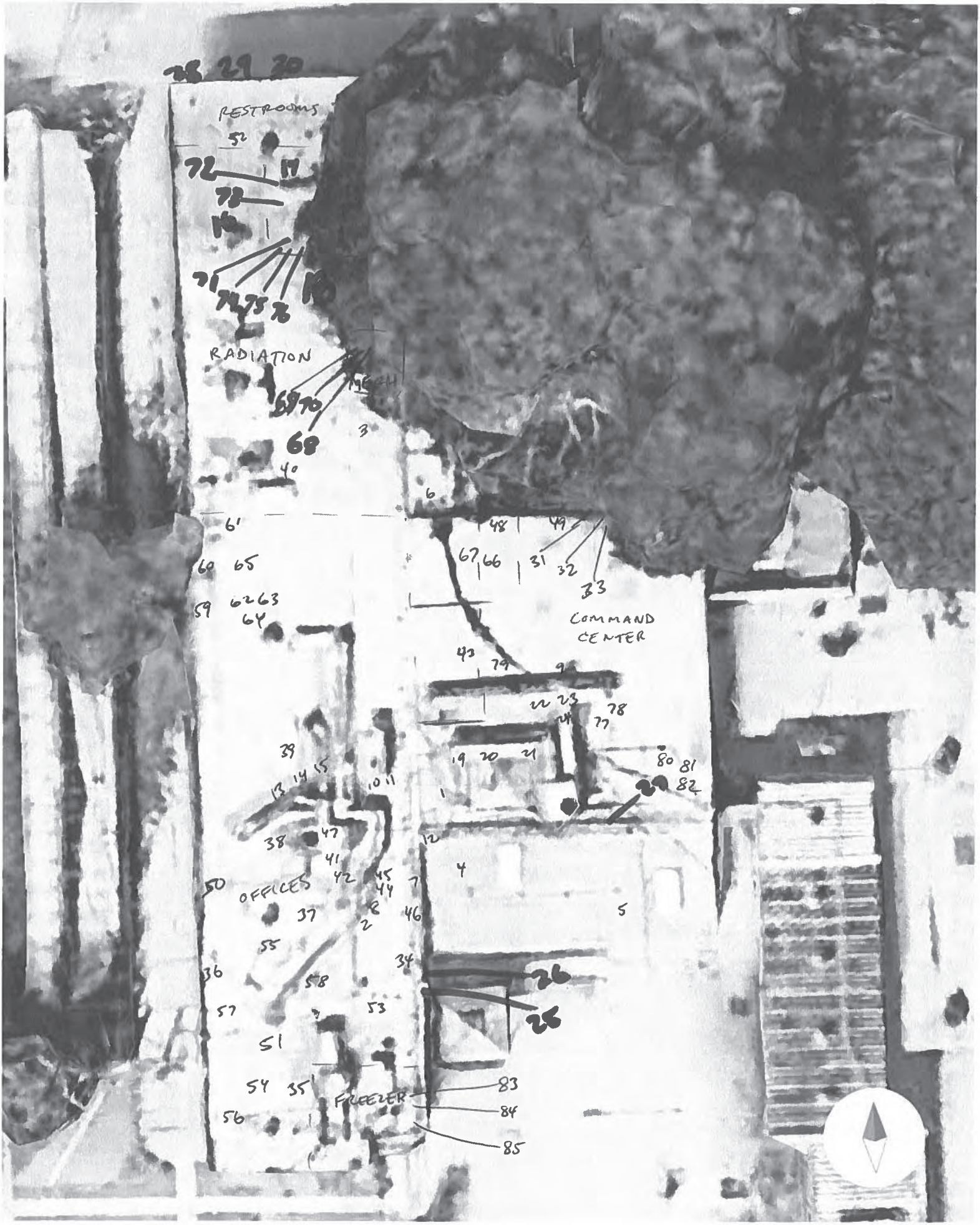
Date: 3/28/24 Project Name: Acm Project # 824118.022

Project Address: old Animal Shelter

Inspector(s): Angel Jimenez Page: 4 of 4

Building: Building Code:

Material Description	Locations	Individual Sq Ft	Total Sq Ft	Condition	Qty of Samples	Sample #'s
HVAC Sealant	- Mechanical Room		15p	G	3	68-70
Acoustic Ceiling Core	- Northeast Office		250p			71-73
6" Blue Basecove/ Glue			200p			74-76
Grey Linoleum Flooring/Paper Backing	- Command Center		900p			77-79
Wall Panel Material (white)			2000p			80-82
Wall/Ceiling Panel Sealant/ Insulation	- Freezer Room		1600p			83-85



#=PLM
924118 07 2

V. LIMITATIONS

LIMITATIONS

Conditions described in this report are as found at the time of investigation, unless otherwise stated.

ENCORP analyzed only the substances, conditions, and locations described in this report at the time indicated. No inferences regarding other substances, conditions, location or time can be made unless specifically stated in this report. **ENCORP's** inspection was limited to accessible materials only for the purpose of this survey.

This report is intended for the use listed in the section of this report titled "INTRODUCTION." The use of this report in any manner other than that listed in the Introduction requires the written consent of **ENCORP** and **ORANGE COUNTY PUBLIC WORKS.** This report must be presented in its entirety.

The conclusions and recommendations presented are based on the agreed upon scope of work outlined in this report. **ENCORP** makes no warranties or guarantees as to the accuracy or completeness of information obtained from information provided or compiled by others. Note that information exists beyond the scope of this investigation. Additional information, which was outside this scope of work, not found, or available to **ENCORP** at the time of writing this report, may result in a modification of the conclusions and recommendations presented. This report is not a legal opinion. The services performed by **ENCORP** have been conducted in a manner consistent with a level of care ordinarily exercised by members of our profession currently practicing under similar conditions. No other warranty, expressed or implied, is made.

RECORDED AT REQUEST OF:
AND WHEN RECORDED MAIL TO:

County of Orange
Sheriff-Coroner Department
320 North Flower, 6th Floor
Santa Ana, California 92703
Attn: Financial/Administrative Services

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

NO FEE
2003000369248 02:05pm 04/03/03
130 11 G02 8
0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00

FREE RECORDING REQUESTED PER
GOVERNMENT CODE SECTION 27383

SPACE ABOVE THIS LINE FOR RECORDER'S USE

MAIL TAX STATEMENTS TO:

DOCUMENTARY TRANSFER TAX $ -0-

___ Computed on the consideration or value of property conveyed; OR

___ Computed on the consideration or value less liens or encumbrances remaining at time of sale.

x Exempt per Revenue & Taxation Code Section 11922

A.P. No.: *portion of parcels 002-231-04 and 22*

By: Carolee Condon
PFRD Real Estate Services

___ Unincorporated area

x Incorporated, City of *Orange*

Project/Parcel No: E01-1105.1
Project: Santa Ana River Channel

GRANT DEED

FOR VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

ORANGE COUNTY FLOOD CONTROL DISTRICT, a body corporate and politic, Grantor,

does hereby grant to:

COUNTY OF ORANGE, a body corporate and politic, Grantee,

the real property in the County of Orange, State of California, described in Exhibit "A" attached hereto and by reference made a part hereof.

This grant is subject to:

1. The reservations and restrictions described herein below:

Reservations

Grantor hereby reserves an ingress and egress easement in, over, and across the property described in this Deed for purposes of access to Grantor's adjacent property. This easement includes Grantor's right to use and pass through any and all gates on the property as needed for such access.

Restrictions

The use of the property described in this Deed shall be limited to the construction, operation, and maintenance of a surface parking lot. No buildings, or permanent structures of any kind, with the exception of fencing, shall be placed on the property. A breach of the foregoing condition shall cause the property to automatically and unconditionally revert to Grantor, or its successors or assigns.

Grantee herein agrees and covenants by its acceptance of this Deed, that in the event of a breach of the foregoing condition, Grantee shall convey the property to Grantor, free and clear of any and all liens, encumbrances, or claims suffered by Grantee or arising in any way connected with the use of the property as a surface parking lot. In the event of reversion, Grantee shall execute a grant deed in favor of Grantor and deliver said deed to Grantor upon written notice from Grantor that Grantee is in breach of said forgoing condition.

2. The terms and conditions contained in that certain Purchase Agreement dated June 20, 2000 between Grantor and Grantee, including, but not limited to, the following:

   A. Grantee shall have all maintenance obligations for fencing installed on the property by Grantee. Any and all graffiti placed on said fencing which is visible from Grantor's adjacent land shall be removed by Grantee within 48 hours of placement.

   B. Grantee shall indemnify, defend with counsel approved by Grantor, and save Grantor and its elected and appointed officials, officers, agents, employees, and contractors harmless from any or all penalties, liabilities, or losses resulting from claims or court actions arising directly or indirectly out of any injury to persons or damage to property by reason of the acts or omissions, intentional or otherwise, of Grantee or its agents, employees, or contractors, or resulting from Grantor's operation, maintenance, repair, reconstruction, replacement, or enlargement of the adjacent flood control facility or from flood or overflow conditions. If Grantor undertakes to represent itself as co-defendant in such legal action, Grantee shall pay to Grantor its litigation costs and expenses and expert witness and attorney's fees. If judgment is entered against Grantee and Grantor by a court of competent jurisdiction because of the concurrent active negligence of Grantee and Grantor, both parties agree that liability will be apportioned as determined by the court. Neither party shall request a jury apportionment.

3. All other matters of record and matters apparent or known to Grantee.

Dated 3/25/03

ORANGE COUNTY FLOOD CONTROL DISTRICT

By _____
Chairman, Board of Supervisors

SIGNED AND CERTIFIED THAT A COPY OF THIS DOCUMENT HAS BEEN DELIVERED TO THE CHAIRMAN OF THE BOARD

_____
DARLENE J. BLOOM 6/6/00 #17
Clerk of the Board of Supervisors, governing board of the Orange County Flood Control District, Orange County, California

STATE OF CALIFORNIA)
) ss.
COUNTY OF ORANGE)

ACKNOWLEDGEMENT

On Mch 26, 2003 before me, Dale C. Maafi, a Notary Public in and for said County and State, personally appeared Susan North, personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature Dale C. Maafi

DALE C. MAAFI
COMM. #1223106
NOTARY PUBLIC-CALIFORNIA
ORANGE COUNTY
My Comm. Exp. June 28, 2003

CERTIFICATE OF ACCEPTANCE

This is to certify that the interest in real property conveyed by the within deed or grant to the COUNTY OF ORANGE, a body corporate and politic, is hereby accepted by order of the Board of Supervisors of Orange County, California, and the COUNTY OF ORANGE consents to recordation thereof by its duly authorized officer.

COUNTY OF ORANGE

Dated 3/25/03

By _____
Chairman, Board of Supervisors

Document: Grant Deed
Grantor/Grantee: Orange County Flood Control District/County of Orange

APPROVALS

Approved as to form: Laurence M. Watson, County Counsel By Daniel P. Jones Date 5/23/00	Legal description reviewed and approved by PFRD ROWP: By John D. Pawlik Date 5/18/00

SIGNED AND CERTIFIED THAT A COPY OF
THIS DOCUMENT HAS BEEN DELIVERED TO
THE CHAIRMAN OF THE BOARD
ATTEST:

DARLENE J. BLOOM
CLERK OF THE BOARD OF SUPERVISORS
ORANGE COUNTY, CALIFORNIA

Legal Description

That portion of the "Dawn Tract" in the County of Orange, State of California, as shown on a map thereof filed in Book 8, Page 21 of Miscellaneous Maps, records of said County of Orange, and that portion of the "Potts, Borden and Sidwell Tract" in said County of Orange, as shown on a map thereof recorded in Book 4, Page 624 of Miscellaneous Records of Los Angeles County, California, and that portion of the "Lockhart Tract" in said County of Orange, as shown on a map thereof recorded in Book 4, Pages 512 and 513 of Miscellaneous Records of said Los Angeles County, described as a whole as follows:

Commencing at the southerly terminus of that certain tangent portion of the centerline of The City Drive, said southerly terminus being monumented as shown on a map filed in Book 62, Page 43 of Parcel Maps, records of said County of Orange, from which the intersection of the centerlines of The City Drive and Chapman Avenue, monumented as shown on said parcel map, bears North 00°40'40" East a distance of 1245.78 feet (shown as North 00°12'43" West a distance of 1245.75 feet on said parcel map); thence North 00°40'40" East, along said centerline of The City Drive, a distance of 105.44 feet to the intersection of said centerline with the westerly prolongation of the southerly line of Parcel 1 as per said parcel map; thence South 89°19'04" East, along the westerly prolongation of said southerly line (shown as North 89°47'27" East on said parcel map), to the southwest corner of said Parcel 1, said corner being 50.00 feet easterly of the centerline of The City Drive; thence South 89°19'04" East, along the southerly line of said Parcel 1, a distance of 885.52 feet (shown as North 89°47'27" East a distance of 885.46 feet on said parcel map); thence North 66°51'48" East (shown as North 65°58'13" East on said parcel map) a distance of 35.14 feet; thence North 53°06'09" East (shown as North 52°12'31" East on said parcel map) a distance of 49.90 feet; thence South 89°21'42" East (shown as North 89°44'50" East on said parcel map) a distance of 48.25 feet; thence South 59°58'55" East (shown as North 60°52'18" West on said parcel map) a distance of 26.00 feet; thence South 89°21'34" East, continuing along the southerly line of said Parcel

1, a distance of 517.81 feet to a point being the easterly terminus of that certain course shown as North 89°44'50" East a distance of 517.83 feet on said parcel map, said course being monumented as shown thereon, said point also being the southerly terminus of that certain southeasterly course of the land described in the Grant Deed to the Regents of University of California recorded July 1, 1976 in Book 11795, Page 1282 of Official Records of said County, shown therein as North 40°51'57" West 42.00 feet; thence North 39°58'21" West, along said course, a distance of 42.00 feet; thence North 50°01'26" East, continuing along the southerly line of the land described in said Grant Deed (shown as North 49°08'03" East in said Grant Deed) a distance of 98.23 feet to a point on the easterly line of said Parcel 1 from which the southerly terminus thereof bears South 39°58'34" East a distance of 251.06 feet; thence South 39°58'34" East (shown as North 40°51'57" West on said parcel map, and as South 39°58'49" East in the following described Instrument), along the westerly right-of-way line of the Southern Pacific Railroad as shown on said parcel map, a distance of 420.49 feet to a point being the northerly most corner of the land described in the Grant Deed to the State of California recorded October 6, 1995 in Instrument 19950440367 of Official Records of said County, said point being South 39°58'34" East 169.43 feet from the easterly most corner of said Parcel 1, said point also being the beginning of a non-tangent curve concave northeasterly and having a radius of 5161.86 feet (shown as a grid distance of 5161.75 feet in said instrument), a radial line through said point bears South 54°00'31" West (shown as South 54°00'16" West in said instrument); thence southeasterly along the arc of said curve through a central angle of 3°58'30" (shown as 3°58'36" in said instrument) a distance of 358.11 feet (shown as a grid distance of 358.27 feet in said instrument) to a point on the northwesterly line of the 600.00 foot-wide strip of land described as "Parcel 1" in the deed to the County of Orange recorded May 25, 1932 in Book 557, Page 264 of Official Records of said County, said point being the beginning of a non-tangent curve, concave northwesterly, from which the radius point thereof bears North 59°16'41" West a distance of 700.00 feet; thence southwesterly along the northwesterly line of said 600.00 foot-wide strip of land and along the arc of said curve through a central angle of 3°23'32" a distance of 41.44 feet to a point, said point being the westerly terminus of that certain course shown as South 39°58'04" East a grid distance of 439.07 feet in Parcel No. 200875-5 of Easement Deed to the State of California

recorded September 4, 1998 in Instrument 19980593748 of Official Records of said County, said point also being the **TRUE POINT OF BEGINNING**; thence continuing along the northwesterly line of said 600.00 foot-wide strip of land, and along the arc of said curve, through a central angle of 12°51'10" a distance of 157.03 feet; thence continuing along the northwesterly line of said 600.00 foot-wide strip of land, South 46°58'01" West a distance of 26.96 feet to the beginning of a curve concave southeasterly having a radius of 2300.00 feet; thence continuing along the northwesterly line of said 600.00 foot-wide strip of land and along the arc of said curve through a central angle of 22°34'47" a distance of 906.41 feet to a point on the southerly terminus of said 600.00 foot-wide strip of land and the northerly line of the 630.00 foot-wide strip of land described as "Parcel 2" in said deed to the County of Orange recorded May 25, 1932; thence North 65°36'46" West along said northerly line, said line being radial to the previously described curve, a distance of 15.00 feet to the northwesterly corner of said 630.00 foot-wide strip of land; thence South 24°23'14" West along the northwesterly line of said 630.00 foot-wide strip of land a distance of 1060.14 feet to a point, said point being the most easterly corner of the land described as Parcel 1 in the Grant Deed to the State of California recorded November 6, 1962 in Book 6311, Page 631 of Official Records of said County, said point being 150.00 feet northerly of the centerline of the Garden Grove Freeway (as measured at right angles thereto) as shown on a map filed in Book 85, Page 1 of Records of Survey, records of said County; thence South 88°50'31" East, along a line parallel with said freeway centerline (said centerline shown as North 88°50'55" West on said map and South 88°50'38" East on California Division of Highways Right-of-Way Map F-1255 filed as Garden Grove Freeway Plan #8461 in the office of the County Surveyor of said County), a distance of 143.64 feet to a point on the easterly line of the westerly 132.00 feet of said 630.00 foot-wide strip of land (as measured at right angles thereto); thence North 24°23'14" East, along the easterly line of said westerly 132.00 feet, a distance of 897.37 feet; thence South 65°36'46" East a distance of 3.00 feet; thence North 24°23'14" East, along the easterly line of the westerly 135.00 feet of said 630.00 foot-wide strip of land, a distance 106.11 feet to a point on the northerly line of said 630.00 foot-wide strip of land and the southerly line of the previously described 600.00 foot-wide strip of land, said point being on the easterly line of the westerly 120.00 feet of said 600.00 foot-wide strip of land (as measured at right angles thereto), said point also being

the beginning of a curve concave southeasterly having a radius of 2180.00 feet; thence northeasterly along the easterly line of said westerly 120.00 feet and along the arc of said curve through a central angle of 3°18'00" a distance of 125.56 feet; thence North 62°18'46" West, along a line radial to said curve, a distance of 3.00 feet to a point on the easterly line of the westerly 117.00 feet of said 600.00 foot-wide strip of land, said point being the beginning of a curve concave southeasterly having a radius of 2183.00 feet, said curve being concentric with the previously described curve; thence northeasterly along the easterly line of said westerly 117.00 feet and along the arc of said curve through a central angle of 19°16'47" a distance of 734.57 feet; thence North 46°58'01" East, along the easterly line of said westerly 117.00 feet, a distance of 26.96 feet; thence North 43°01'59" West a distance of 37.00 feet to a point on the easterly line of the westerly 80.00 feet of said 600.00 foot-wide strip of land, said point being the beginning of a curve concave northwesterly having a radius of 780.00 feet, said curve being concentric with the curve previously described herein having a radius of 700.00 feet; thence northeasterly along the easterly line of said westerly 80.00 feet and along the arc of said curve through a central angle of 11°11'00" a distance of 152.24 feet to a point on the previously described course shown as South 39°58'04" East a grid distance of 439.07 feet in Parcel No. 200875-5 of said Easement Deed to the State of California, thence North 39°57'49" West along said course a distance of 82.84 feet to the **TRUE POINT OF BEGINNING**.

Subject parcel containing 5.872 Acres more or less

Michael K. Sullivan 5-15-00
Date

Michael K. Sullivan
Professional Land Surveyor
Certificate No. 6254
Expiration Date: June 30, 2002



What was the purpose of a workshop given last Monday (Aug. 30) and Thursday (Sept. 2) to the OC Animal Shelter?

The training that was provided to Orange County Health Care Agency Animal Shelter Staff on August 30th and September 2nd is part of a broad systematic program being implemented throughout the County to comply with National Pollutant Discharge Elimination System requirements. The training given on those dates is a standard educational program on incorporating Best Management Practices into daily municipal activities, in order to prevent polluted runoff from entering the stormdrain system. It is based on the model guidelines written into Section 5, Municipal Activities, of the 2003 Orange County Drainage Area Management Plan (DAMP), which serves as the programmatic foundation for Orange County's Stormwater Program. The training presentation given to the Animal Shelter is available for viewing along with a host of other training modules, at the County's website, www.ocwatersheds.com.

While the Municipal Activities Program is a broad program aimed at educating and training municipal employees on proper pollution prevention techniques, it is just one of many programs described in the 2003 DAMP which the County and cities are implementing. The 2003 DAMP also contains programs that address runoff issues related to all industrial and commercial businesses, restaurants, residential areas, homeowner associations, construction sites, and new development/significant redevelopment. To assist with this monumental effort, the County and cities have launched an aggressive public education campaign aimed at changing the public's polluting behaviors and encouraging the adoption of positive alternatives in order to reduce the impacts of pollution on our local waterways. The outreach includes advertising in newspapers (including placing ads inside your publication), radio, TV and theaters, a materials campaign that distributes thousands of educational material to the general public and a school campaign aimed at educating K-12 students.

According to some workers who were present, you openly reprimanded them for violating some clean-water regulations such as washing feces and urine into storm drains. Is this true? What were the nature of such admonishments?

No punitive actions have been taken against the Animal Shelter and no reprimands were necessary due to the high level of cooperation received from Staff. **It is important to note that the Animal Shelter has never discharged animal waste into the stormdrain system.** A trough that contains a connection to the sanitary sewer borders each row of kennels. As the kennels are cleaned out for sanitary purposes, the wastewater enters a trough and flows to the Orange County Sanitation District plant, where it is treated. One of the issues identified during the initial inspection by RDMD concerned the cleaning of the walkways within the Animal Shelter. Since the initial inspection, Animal Shelter Staff have minimized the amount of water used for this purpose while incorporating dry cleaning techniques, thus preventing non-stormwater discharges to the stormdrain system. Animal Shelter Staff have also begun to identify potential capital projects that would provide a structural, long-term solution.

Another allegation is that (to quote from a worker) "RDMD is aware of these violations but there is nothing that can or will be done to prevent them since the shelter is so old. It was said that they are just going to keep the shelter in the shadows and hope that it does not get inspected." How would you respond to this?

Many County facilities such as the Animal Shelter are old structures that were built long before the adoption of the Clean Water Act in 1972, however this does not exempt them or any other County facility from complying with the Clean Water Act and NPDES Stormwater requirements. Capital projects to improve these older facilities are difficult to complete given the tight budgets that many County Departments are facing. Please note that the Health Care Agency/Animal Care Services is currently working to implement three capital improvement projects that were identified in a joint inspection with RDMD staff. Also they are over 50% complete with design development on a new state of the art facility that will replace the existing facility

In the meantime, the County is striving to prevent pollution through implementation of Model Maintenance Procedures while setting an example for other municipalities and private businesses to follow.

Does the county identify kennels at a type of business that would fall under the jurisdiction of the NPDES permit?

All County owned facilities are captured under NPDES Stormwater Permit requirements. The County also maintains an inventory of commercial and industrial businesses, including privately owned kennels, which it inspects for NPDES compliance. The County's Municipal Activities Program is designed to identify potential and/or existing pollution issues and address them through a prescriptive, rigorous process. The Program is described in detail within Section A-5 of the County's Local Implementation Plan. An inventory of all County owned facilities is submitted to the Regional Boards on an annual basis.

When was the last time the OC Animal Shelter was inspected by your agency or any agency in charge of ensuring a company is not violating the 1972 Clean Water Act? How often are these inspections conducted? What steps does the Animal Shelter have to take in order to be in full compliance with the NPDES if found in violation?

An initial inspection of the Animal Shelter by RDMD was conducted on January 26, 2004. One of the issues identified during this initial inspection concerned the cleaning of the walkways within the Animal Shelter. Since the initial inspection, Animal Shelter Staff has reduced the amount of water used for this purpose while incorporating dry cleaning techniques, thus preventing non-stormwater discharges to the maximum extent practicable. After the second follow-up inspection on June 28, 2004, the August 30 and September 2 training dates were scheduled.

Have you encountered problems with other kennels or animal storage facilities in the county?

The County's municipal inventory includes one other County-owned animal handling facility, the Orange County Zoo. An inspection was conducted at this facility in the spring of 2004 and only minor issues were identified which have since been addressed by Staff. At this time, the County has not identified or been made aware of any problems at privately owned kennels within its jurisdiction.

Has there ever been any complaints lodged against the Animal Shelter for clean-water violations?

RDMD has no records of, and is not aware of any water quality complaints concerning the Animal Shelter.

County of Orange

MEMO

DATE: August 21, 1998

TO: Jane Reyes, Sheriff-Coroner, Financial / Administrative Services

FROM: Manager, Environmental Resources

SUBJECT: **Hazardous Materials Assessment for Manchester Unocal Acquisition, 591 The City Drive in the City of Orange**

Attached is the Hazardous Materials Assessment (HMA) for the subject property. The HMA is comprised of a historical investigation, a property visit and reconnaissance, a regulatory database review, review of regulatory agency files, interviews, and an evaluation.

The regulatory agency database review revealed that the property is currently undergoing remediation by Unocal Corp. for a leaking underground storage tank. Subsequent review of regulatory agency documents and interviews confirmed this status. The HMA found no other evidence of environmental degradation as a result of hazardous materials contamination.

In cases where the HMA indicates contamination, the County of Orange Policy and Procedure requires that the Project Proponent:

a) Terminate the acquisition of the property; or

b) Request further investigation of the property.

ER has conducted further investigation of the property relative to b) above, and the conclusions are presented in Section 7.0. In summary , Unocal Corp. has provided (1) an indemnification letter releasing the County of Orange from any liability associated with the contamination and (2) a statement of financial responsibility for the contamination stemming from the property.

Based on the findings of the HMA, ER recommends that acquisition proceed and that the Board of Supervisors be asked to waive clearance of hazardous materials contamination, subject to County Counsel accepting the indemnification to be provided by Unocal.

Questions regarding the HMA should be directed to Ward Allebach or lane Waldner at 567-6376.

_____

Chris Crompton

Attachment: Hazardous Materials Assessment

cc: Jack Golden, County Counsel

RWA:LW:EC29406

COUNTY OF ORANGE

PUBLIC FACILITIES AND RESOURCES DEPARTMENT

HAZARDOUS MATERIALS ASSESSMENT FOR THE MANCHESTER UNOCAL ACQUISITION 591 THE CITY DRIVE IN THE CITY OF ORANGE

August 21, 1998

Prepared By

Environmental Resources

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HAZARDOUS MATERIALS ASSESSMENT

FOR THE MANCHESTER UNOCAL ACQUISITION

591 THE CITY DRIVE IN THE CITY OF ORANGE

ORANGE COUNTY, CALIFORNIA

1.0 INTRODUCTION

This report presents the results of the Hazardous Materials Assessment (HMA) conducted for a former Unocal Station, located at 591 The City Drive in the City of Orange (herein referred to as the property). The property is located at the northeast corner of the intersection of The City Drive and the Garden Grove Freeway. The HMA was conducted by personnel from the Public Facilities and Resources Department (PFRD), Environmental Resources Section (ER) in connection with the acquisition of the property.

The objective of the assessment is to provide information regarding the environmental conditions and potential environmental liabilities to the County of Orange associated with the acquisition of this property. The methodology used in conducting this assessment is consistent with professional practices for appropriate inquiry in conducting HMAs.

2.0 SCOPE OF WORK

This HMA was authorized by Jane Reyes, Financial Officer for the Sheriff-Coroner, Financial and Administrative Services, in an undated memorandum to Mr. Chris Crompton, Manager, PFRD, Environmental Resources, received by fax on July 10, 1998.

To assess the potential environmental condition and hazards associated with the subject property, the following activities were performed by ER:

- Review of available historical aerial photographs.
- Review of topographic maps to ascertain historical land use information.
- Review of regulatory agency database report of known contaminated and potential hazardous waste sites to assess potential environmental impacts to the property from sites within a one-mile radius.
- Reconnaissance of the property and vicinity to evaluate use, environmental conditions and potential environmental degradation which may impact the property.
- Interviews with individuals familiar with the property and / or the surrounding area.
- Evaluate findings and prepare report.

3.0 PROPERTY DESCRIPTION

The property is located in the City of Orange at the northeast corner of the intersection of The City Drive and the Garden Grove Freeway. The property acquisition entails 0.491 acres, on the site of a former Unocal service station.

Site location maps are provided in Appendix A.

3.1 Topography

The 1981 USGS Anaheim topographic quadrangle shows the elevation of the property at about 120 feet above mean sea level on a flat alluvial plain along the Santa Ana River. Elevations within a mile of the property vary less than 50 feet.

3.2 Environmental Setting

3.2.1 Current Property Use

The property is currently surrounded by a chain-link fence and vacant with no active land use. Site photos are included in Appendix B.

3.2.2 Adjacent Property Uses and Vicinity

Adjacent to the north of the property is the Orange County Animal Shelter, beyond which is the Orange County Sheriff-Coroner's Theo Lacey Facility and the UCI Medical Center. Adjacent to the south of the property is an office building, beyond which is the Garden Grove Freeway and another office building complex.

Adjacent to the east of the property is a storage and kennel area for the Orange County Animal Shelter, beyond which is a recreation yard for the Lacey Facility and the Santa Ana River. Adjacent to the west is The City Drive, beyond which is a vacant building and the on-ramp for the Garden Grove Freeway.

3.3 Groundwater Hydrology

According to a site assessment prepared for the property by EMCON Associates on behalf of Unocal Corp., the property is located on the western edge of the Tustin Plain in the Orange County Coastal Basin, which is a large alluvial basin extending from the Pacific Ocean to the foothills of the Santa Ana Mountains.

The report states that the property is located near the boundary of the two main areas of the Basin: the Forebay Area and the Pressure Area. The Forebay Area consists of relatively permeable soils and is the main recharge area to the Basin, and the Pressure Area is covered by a clay cap which acts as a barrier to the downward percolation of surface waters.

Monitoring efforts underway on the property have found groundwater beneath the property between 84 and 86 feet below ground surface, and flow direction has most recently been found to be to the west. Historically, though, groundwater has flowed to the northwest.

4.0 PROPERTY HISTORY

The history of the property was developed from a review of USGS quadrangles, aerial photographs and fire insurance maps. Property history was ascertained to provide insight into past land use practices and to obtain information regarding the environmental condition of the property.

4.1 USGS Topographic Quadrangle

The property lies within the USGS Anaheim quadrangle. The 1901, 1942, 1949, 1965 and 1965 (photo-revised 1972) quadrangles were reviewed from the EDR-Historical Topographic Map Report, provided by Environmental Data Resources, Inc., (EDR). The Report is included in Appendix C. The 1965 (photo-revised 1981) quadrangle was reviewed from ER files.

4.1.1 The USGS Anaheim Topographic Quadrangle, 1901

The 1901 topographic quadrangle shows the property and the adjacent properties as undeveloped with no land use indicated.

In the vicinity, the wash of the Santa Ana River is shown within 500 feet to the east, and the Santa Ana Branch railroad line is indicated crossing the river about 2000 feet northeast of the property. Numerous small structures are indicated, scattered along roads throughout the area within a mile of the property; the nearest structure is located about 2000 feet to the northeast at the railroad track crossing.

4.1.2 The USGS Anaheim Topographic Quadrangle, 1942

The 1942 quadrangle depicts the land use of the property and the adjacent properties as orchards.

In the vicinity, numerous additional small structures are shown throughout the area, including several within 1500 feet to the north, just south of Chapman Avenue and the railroad tracks.

4.1.3 The USGS Anaheim Topographic Quadrangle, 1949

The 1949 quadrangle depicts no changes to the property or the adjacent properties to the north, south and east.

A north-south road is shown adjacent to the west of the property with a small structure directly west of the road, within 250 feet of the property.

The dominant land use of the surrounding area is indicated as orchards, with the nearest being within 300 feet to the west. A ground depression, about 500 feet in diameter, is noted within 300 feet to the south of the property. The Santa Ana Freeway is shown paralleling the railroad tracks to the northeast, and numerous larger structures (in addition to the smaller structures noted earlier) are shown around its intersection with Chapman Avenue. This area is marked as "County Farm and Hospital."

4.1.4 The USGS Anaheim Topographic Quadrangle, 1965

The 1965 quadrangle depicts a small structure built on the property, which is likely the service station previously located on the property, although no land use is indicated.

The City Drive is shown as built adjacent to the west, marked as Manchester Avenue. The property adjacent to the north is also developed with a small structure, and the property adjacent to the east is developed with a slightly larger structure. No change is indicated on the property adjacent to the south.

In the vicinity, a complex of structures is indicated within 250 feet of the property to the north and east, marked as the "Lacey Security Facility," and the Garden Grove Freeway is shown within 250 feet to the south. More structures are indicated to the north, between the property and the County Hospital, including structures marked as "Radio Towers," "Greeley Schools," Juvenile Court" and a "Water Tower." The surrounding area is dominated by a mix of residential and orchards.

4.1.5 The USGS Anaheim Topographic Quadrangle, 1965 (Photo-revised 1972)

The 1965 (photo-revised 1972) quadrangle depicts no apparent changes to the property or the adjacent properties.

In the vicinity, a complex of larger structures is indicated across The City Drive to the west, northwest and southwest, the nearest being within 250 feet of the property. Across the Santa Ana River, several additional structures are shown within 500 feet to the east and southeast, and five above-ground storage tanks are indicated about 1500 feet to the northeast. No other significant changes are noted.

4.1.6 The USGS Anaheim Topographic Quadrangle, 1965 (Photo-revised 1981)

The 1965 (photo-revised 1981) quadrangle depicts no changes to the property or the adjacent properties to the north, east or west. A small structure is indicated on the adjacent property to the south, within 100 feet of the property.

In the vicinity, several additional structures are indicated within the Lacey Security Facility, and on structure is indicated adjacent to the five above-ground tanks previously noted. No other significant changes are noted in the area.

4.2 Review of Aerial Photographs

Historical aerial photographs were reviewed from a report provided by EDR's Aerial Photography Print Service. Photographs reviewed were for the years 1947, 1953, 1968, 1977, 1989 and 1994. The historical photos are included in Appendix D.

4.2.1 The 1947 Aerial Photograph

The 1947 photograph shows two small structures on or adjacent to the property about 500 feet west of the Santa Ana River in what appears to be an undeveloped strip of land stretching for about a mile along the river from the Santa Ana Freeway (Route 101), which is shown about 2000 feet to the northeast. The adjacent land use to the south and west is a mix of orchard and agricultural, so the most likely use of these structures is residential.

In the vicinity, the dominant land use within a mile of the property is orchard groves. Numerous small structures are shown throughout the area, and a complex of larger structures is shown about 2500 feet north of the property, which is the County Farm and Hospital indicated on the topographic maps.

4.2.2 The 1953 Aerial Photograph

The 1953 photograph shows no apparent change to the property or the adjacent properties to the south and west. The adjacent properties to the north and east appear to be part of an agricultural field.

In the vicinity, the open area to the south of the property appears disturbed with several trails winding through. Several additional structures are apparent around the hospital complex to the north and within the agricultural field, but no other significant changes are noted.

4.2.3 The 1968 Aerial Photograph

The 1968 photograph shows a differently-shaped small structure built on the property, which is most likely the former Unocal Station.

Four larger structures are also shown adjacent to the north of the property, and a large area adjacent to the west (about a half-mile square) is shown as graded for construction. The adjacent parcels to the east and south appear to be undeveloped, possibly in use as small agricultural fields.

In the vicinity, the Garden Grove Freeway is shown within 250 feet to the south, and the immediate area to the north is dominated by a complex of structures of all shapes and sizes, the nearest of which are most likely associated with the Lacey Security Facility identified in the topographic maps. Five above-ground storage tanks are noted about 1500 feet northeast of the property, across the Santa Ana River. Within a mile of the property, the area is dominated by a mix of residential and commercial uses with a few scattered agricultural fields and orchards.

4.2.4 The 1977 Aerial Photograph

The 1977 photograph shows no apparent change to the property or the properties adjacent to the north and south. Adjacent to the east of the property, several structures are noted, and to the west, across The City Drive, a long, large structure is shown.

In the vicinity, numerous additional structures are shown in the complex adjacent to the north, and the City Shopping Center is shown as completed about 750 feet to the west. Several structures are also shown in the vicinity of the above-ground tanks, the nearest of which is located about 1000 feet east of the property. Another large structure is shown about 1500 feet to the southwest. No other significant changes are noted.

4.2.5 The 1989 Aerial Photograph

The 1989 photograph shows no apparent change to the property or the properties adjacent to the north, east and west. Adjacent to the south of the property, a relatively small structure is noted.

In the vicinity, numerous additional structures are shown in the complex adjacent to the north, and two larger structures are shown in the area south of the Garden Grove Freeway and adjacent to the Santa Ana River, within 650 feet of the property. A small reservoir appears to be present in the vicinity of the above-ground tanks, about 500 feet northeast of the property. The area within 1000 feet southwest of the property appears to be developed as a residential area. No other significant changes are noted.

4.2.6 The 1994 Aerial Photograph

In the 1994 photograph, the structure previously on the property appears to be gone and the property vacant.

No changes are apparent on the areas adjacent to the property.

In the vicinity, numerous additional structures are shown in the complex adjacent to the north. No other significant changes are noted.

4.3 Review of Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps show specific historic land uses for many developed areas that denote potential fire hazards, including gas and oil stations and other uses that could involve hazardous materials. A report of coverage was obtained from EDR (included as Appendix E), which revealed that no Sanborn maps were available for the specified address of the property.

5.0 INVESTIGATION ACTIVITIES

Investigative activities included a visit to the property, a reconnaissance of the area surrounding the property and a review of regulatory agency records for the study area.

5.1 Review of Regulatory Agency Database Report

A report of regulatory agency lists, which catalog known contaminated and potential hazardous waste sites including facilities that generate hazardous waste, was produced by EDR and is included in Appendix F.

The review included sites within a one-mile radius of the property and involved a search of federal, state and local regulatory registers for potential contaminated sites, which may include lists of Superfund sites, leaking underground tanks, landfills, military reservations, contaminated surface and subsurface waters, hazardous waste generators and other lists of potential environmental problems. The review did not involve an exhaustive review of all available government records.

Additionally, these lists are subject to inaccuracies and incompleteness. The listing of a site does not necessarily indicate that an environmental concern exists. Generally, the regulatory status of the facility will be indicated in the lists.

5.1.1 Evaluation of Listed Sites

The EDR report listed 22 sites within a one-mile radius of the property.

Evaluating the potential impact of a site to the property involves classifying the site into either one of two categories: low potential for impacting the property or potential for impacting the property. The following criteria are used for site categorization:

- Low potential to impact the property:

  A site that is identified as having an insignificant potential for impacting the property is not studied further. This includes sites that are too distant to have an environmental impact (greater than one-quarter mile from the property, in most cases); sites that have been remediated to the satisfaction of the lead regulatory agency; sites listed as requiring no further action; and sites only listed as a hazardous waste generator.

- Potential for impacting the property:

  Sites categorized as having a potential for impacting the property are evaluated further by reviewing available regulatory agency records and contacting regulatory agency personnel. These included sites that are listed on the National Priorities List (NPL), the RCRA treatment/storage/ disposal facilities list and/or did not meet the previous definition.

Twelve sites listed are within a quarter-mile of the property, seven of which are considered a low potential for impacting the property due to the nature of their listing. The five remaining sites are:

1) Unocal Service Station #5618, 591 The City Drive South, a Leaking Underground Storage Tank (LUST) site, located on the property

2) City Shopping Center, 3400 W. Metropolitan Drive, a LUST site, located about 250 feet west of the property

3) Park City Center, 630 The City Drive South, a LUST site, located about an eighth of a mile south of the property

4) Orange City Landfill, Santa Ana River / Garden Grove Freeway, a Solid Waste Facility / Landfill site, located about an eighth of a mile south of the property

5) UCI Medical Center, 101 The City Drive South, a Cortese site, located about a quarter-mile west of the property

These sites are further discussed in Section 5.2.

5.1.2 Orphan Summary

The EDR report provides an Orphan Summary section which lists sites which cannot be ruled out of the site area or mapped by EDR. The Orphan Summary section contained two sites, neither of which was identified as having a potential to impact the property due to the nature of their listing.

5.2 Review of Regulatory Agency Records

The review of the EDR report revealed five sites located within a quarter-mile of the property which warranted further investigation (listed in Section 5.1.1). Records regarding the status of each site were found, as compiled by the Orange County Health Care Agency (HCA), the Regional Water Quality Control Board, Santa Ana Region (Regional Board), or the City of Orange Fire Department. Relevant documentation is included in Appendix G.

5.2.1 Unocal Service Station #5618, 591 The City Drive South, Orange

The former Unocal Station was located on the property, and the leaking underground storage tanks were located on the western portion of the property. Regulatory agency files were reviewed by ER staff at the Regional Board to determine the status and potential environmental impact on the property. The review revealed that the site has been impacted by soil and groundwater contamination, including benzene, toluene, ethylbenzene and xylenes (BTEX) and by methyl tertiary butyl ether (MTBE). Unocal has accepted responsibility for the contamination, and remediation is currently underway under the supervision of HCA.

Reports revealed that the contamination has spread beyond the property line beneath The City Drive and the adjacent property to the north, the Orange County Animal Shelter. The most recent data revealed groundwater flow as moving in a westerly direction, although historically it has been reported as northwesterly.

Correspondence between Unocal and the Regional Board citing the responsible party's intent to complete mitigation, maps of recent and historic groundwater contours, a map defining the plume of contamination, and a site assessment completed on the property are included in Appendix G.

5.2.2 City Shopping Center, 3400 W. Metropolitan Drive, Orange

The City Shopping Center, which was formerly a Bridgestone / Firestone Tire Facility (BFS), is located adjacent to the west of the property, across The City Drive, and the site of leaking underground storage tanks is on the western portion of the site, about 200 feet from the property. Regulatory agency files were reviewed by ER staff at the City of Orange Fire Department to determine the status and potential environmental impact on the property. The review revealed that the site has been impacted by soil and / or groundwater contamination at two locations on the site, stemming from underground storage tanks related to a fueling area on the west side of the site and used motor oil storage on the east side.

Reports revealed that the latter of these, related to the used motor oil tanks, has been remediated to the satisfaction of the City of Orange Fire Department, which was the lead agency for the investigation.

With regard to the fueling area, review of reports revealed that the soil and groundwater have been impacted by gasoline and benzene, but the extent of contamination and the groundwater flow direction beneath the site have not been determined. BFS has accepted responsibility for the contamination, and a remediation work plan for further soil and groundwater investigations is currently underway under the supervision of HCA.

The work plan submitted to the City of Orange by Environmental Resources Management on behalf of BFS and some correspondence showing that contamination has been remediated beneath the motor oil tanks are included in Appendix G.

5.2.3 Park City Center, 630 The City Drive South, Orange

Park City Center is located about 1000 feet south of the property, south of the Garden Grove Freeway along the side west of The City Drive. Review of HCA Groundwater Cleanup Program list revealed that the LUST case was closed as of April 24, 1998, meaning that any contamination stemming from the site has been remediated to the satisfaction of HCA.

5.2.4 Orange City Landfill, Santa Ana River / Garden Grove Freeway, Orange

The Orange City Landfill is identified on the EDR report as located within 1000 feet of the property to the south, south of the Garden Grove Freeway, east of The City Drive and west of the Santa Ana River. It is discussed in Section 5.5.

5.2.5 UCI Medical Center, 101 The City Drive South, Orange

The UCI Medical Center complex is located between a quarter- and a half-mile north of the property. Regulatory agency files were reviewed by ER staff at the Regional Board to determine the status and potential environmental impact on the property. The review revealed that the nearest of the tanks removed at the site are located about 1900 feet from the property. A map of the site is included in Appendix G.

5.3 Property Inspection

Visits to the property were conducted by ER staff on July 23 and August 6, 1998. The inspection involved a walk-over of the property.

The primary issues of environmental liability associated with the property are the potential for illicit disposal of hazardous waste and off-site contamination which may impact the property. The search for evidence of illicit disposal of toxic waste includes stained soils, stressed vegetation, presence of containers and chemical odors.

The inspection revealed the property to be surrounded by a chain-link fence and vacant, with the exception of groundwater remediation equipment in the central portion of the property. Some scattered, non-hazardous debris was also found.

5.4 Area Reconnaissance

A reconnaissance of the area in the vicinity of the property was conducted on August 6 and August 7, 1998. The purpose of the reconnaissance was to identify potential off-site environmental conditions which may impact the property. Observations were made from a drive-by of the area within approximately a quarter-mile of the property. Specific items of concern include improper storage of chemicals and chemical releases. Evidence includes staining of surface soils, stressed vegetation and emanating odors.

The reconnaissance revealed a 55-gallon drum, contents unknown, in a small storage area adjacent to the east of the property on the Orange County Animal Shelter property. Beyond the Shelter to the north is the Lacey Facility, where several 55-gallon drums, debris piles, and

storage areas were also noted within 500 feet of the property. It is also likely that hazardous materials related to animal treatment and inmate activities are also stored at these sites. However, no spillage or mismanagement of any materials was noted.

At the northwest of The City and Metropolitan Drives, a large construction area was noted within 500 feet of the property, including heavy equipment, debris piles and storage trailers and drums. Several other similar construction areas were noted within a quarter-mile of the property, including areas along the east and west banks of the Santa Ana River within 200-500 feet of the property. However, no spillage or mismanagement of any materials was noted at any of the sites.

A light industrial / commercial area was noted within a quarter-mile to the south, south of the Garden Grove Freeway, where numerous businesses and storage areas were noted that store and utilize hazardous materials, a print shop, a photo shop and a dry cleaner. However, no spillage or mismanagement of hazardous materials was noted at any of the sites.

5.5 Interviews

An interview with Quang Than of HCA revealed that the site identified in the EDR report as the Orange City Landfill is most likely the site on file as "Orange City Dump #3." Mr. Than stated that the site is classified as "an unconfirmed landfill," meaning that no documentation has been found to confirm that the site actually was used as a landfill. He stated that historic photographs could not determine a positive identification of the land use because, although the land features are consistent with that of landfills, similar features also would be displayed by quarries or sand and gravel pit operations.

Mr. Than further stated that a solid waste assessment test (SWAT) has not been conducted at the site for air, soil or groundwater, and that it is unlikely that any tests will be conducted in the future. However, he did state that HCA inspects the property annually for any apparent change in status or physical indication of contamination.

An interview with Arghavan Rashidi-Fard of HCA revealed that contamination stemming from the removal of underground tanks at the UCI Medical Center was very slight and that no remedial action would be required.

An interview with Paul Cahill of EDR clarified that the Sanborn Map Report searches sites by geographic area, not only by the specific site address of the target property, as stated in the report. This being the case, Mr. Cahill stated that the property area would be covered despite the historic changes of the street names.

5.6 Agricultural / Orchards

Historical investigations indicate that the land in the vicinity of the property has a prior history of agricultural and /or orchard use with the associated possibility of prior applications of pesticides. The prior use of pesticides on developed agricultural lands in Southern California has not been found to present a material risk of harm to public health or the environment, and regulatory agencies have not initiated enforcement actions on these agricultural lands.

5.7 Letter of indemnification and statement of financial responsibility from Unocal Corp.

At the County's request, Unocal Corp. (1) prepared a letter to indemnify the County of Orange from responsibility for the contamination beneath the property and (2) forwarded a Corporate Guarantee Statement, intended to show the company's acceptance of financial responsibility for the contamination. This letter is included in Appendix H.

6.0 CONCLUSIONS

As identified in the EDR report, the property is a former service station which has been identified as a LUST site and is currently undergoing soil and groundwater remediation under the supervision of HCA. Unocal Corp. has been identified as the responsible party, and the County of Orange has received a letter indemnifying the County from any financial responsibility related to the current contamination. Therefore, contingent upon County Counsel's concurrence with the language of the letter, this contamination is considered a low potential for impacting the County's purchase of the property.

The review of the USGS quadrangles and historical aerial photographs revealed one or two structures located on the property between 1947 and 1965 prior to the construction of the service station which was most recently located on the property. Although the land use of these structures are unknown, soil and groundwater investigations have already been conducted and remediation is currently underway. Therefore, it is unlikely that any additional contamination would impact the property and the previous structures are considered a low potential to impact the property.

A ground depression was noted within 500 feet of the property in the 1949 topographic map in the same location as a disturbed area in the 1953 photograph. This site was also identified as the Orange City Landfill in the EDR report and as Orange City Dump #6 in an interview with Mr. Quang Than of the HCA. The property reconnaissance revealed that the site is currently occupied by two large office buildings. A positive identification of the historic land use of the site during the time period in question could not be ascertained from historical documents, and Mr. Than stated that, because no tests of soil, air or groundwater have been conducted, it is not possible to determine what, if any, hazardous materials were buried at the site. However, because the soil and groundwater investigations already completed at the property have characterized recent subsurface conditions, the site is considered a low potential to impact the property.

The topographic map and aerial photo reviews also revealed what appeared to be five large, circular above-ground storage tanks. However, during the area reconnaissance, these structures were found to be large circular structures associated with the County of Orange Probation Department's Youth Guidance Center. It is possible that some hazardous materials are stored and used at this site associated with youth activities, but no spillage or mismanagement of any hazardous materials was noted during the reconnaissance, and the site is considered a low potential to impact the property.

Numerous adjacent structures, structures in the vicinity and construction areas also were identified through the review of the USGS quadrangles and historical aerial photographs, many of which could have or likely did store and handle various hazardous materials. These included the Orange County Animal Shelter, Lacey Security Facility, Greeley Schools, an industrial / commercial area, and five above-ground tanks. Because the soil and groundwater investigations

already completed at the property have characterized the recent subsurface conditions, the historic location of sites are also considered a low potential to impact the property.

The topographic map and aerial photo reviews also revealed that the property and adjacent properties were historically used as agricultural and / or orchard fields, meaning that pesticides were likely routinely applied. However, the historical use of agricultural pesticides is considered a de minimis condition under Section 1.1.1 of the "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" (ASTM E 1527-94) and does not constitute a Recognized Environmental Condition. Therefore, it is considered a low potential to impact the property.

The EDR report identified five sites of potential concern within a quarter-mile of the property, all of which were further evaluated through review of regulatory agency records and interviews with individuals familiar with the investigations. ER's conclusions with regard to Unocal station and the Orange City Landfill are stated above. With regard to the remaining three sites:

1) City Shopping Center (a former BFS facility) is currently under investigation by HCA for soil and groundwater contamination stemming from underground fueling tanks, and the extent of contamination has not yet been determined. However, it is considered a low potential to impact the property for the following reasons: 1) BFS has taken responsibility for the contamination stemming from the site; 2) previous contamination stemming from two underground storage tanks for motor oil, located between the undefined contamination and the property, has been remediated to the satisfaction of the Orange City Fire Department; 3) groundwater flow in the area is to the west, which is away from the property; and 4) groundwater contamination stemming from the Unocal property has already been defined to its western boundary, and no additional contamination has been identified which might be associated with the BFS site.

2) Park City Center has been remediated to the satisfaction of HCA and is considered a low potential to impact the property.

3) UCI Medical Center was evaluated by HCA due to a leaking underground tank, but an interview with Arghavan Rashidi-Fard of HCA revealed that contamination was not extensive enough to warrant remediation. Based on this finding, the site is considered a low potential to impact the property.

The area reconnaissance within a quarter-mile of the property revealed numerous areas of potential concern adjacent to and within the vicinity of the property, including 55-gallon drums, storage areas and trailers, debris piles, construction areas and heavy equipment. However, because no spillage or mismanagement was observed, these sites are considered a low potential to impact the property.

Also in the vicinity, during the area reconnaissance, numerous land uses were noted which are likely to store and handle hazardous materials. Of these, several were noted on the EDR report and were discussed above. With regard to the remaining observations, no spillage or mismanagement was observed, and, therefore, they are considered a low potential to impact the property.

7.0 RECOMMENDATION

Based on the information contained in this report, ER finds:

1) No evidence of environmental degradation resulting from adjacent properties or properties in the vicinity, historic or current

2) Soil and groundwater beneath the property have been impacted as result of contamination stemming from a LUST site previously located on the property and owned by Unocal Corp.

However, with regard to 2) above, Unocal Corp. has taken full financial responsibility and indemnified the County of Orange from any financial obligation with regard to the current contamination. Therefore, ER recommends that acquisition of the property proceed.

APPENDIX A

Location Maps

APPENDIX B

Site Photos

APPENDIX C

EDR-Historical Topographic Map Report

APPENDIX D

EDR Aerial Photography Print Service Report

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EDR Sanborn Map Report

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Regulatory Agency Database Report

APPENDIX G

Documentation from Regulatory Agency Records

Unocal Service Station #5618, 591 The City Drive South, Orange

City Shopping Center, 3400 W. Metropolitan Drive, Orange

Orange City Landfill, Santa Ana River / Garden Grove Freeway, Orange

UCI Medical Center, 101 The City Drive South, Orange

APPENDIX H

Indemnification Letter and Statement of Financial Responsibility From Unocal Corp.

FILE

Water Quality (WQMP) Management Plan

RECEIVED
OCT 19 2007
OC PLANNING & DEV SERVICES DEPT

For:
ORANGE COUNTY RDMD/
HCA - ANIMAL SHELTER
PARKING LOT
Grading Permit #GB070027
APN: 231-091-07

Prepared for:
COUNTY OF ORANGE/ RDMD
1152 FRUIT STREET
SANTA ANA, CA 92701
Patrick Breslin
(714) 567-7794

Prepared by:

DMJM Harris|AECOM
999 Town & Country Road,
Orange, CA 92868
Bill Hagmaier
(714) 567-2618

Prepared: 7/13/2007
Revised: 10/3/2007

APPROVED
BY:
DATE: 5/14/07

OWNER'S CERTIFICATION

FOR PERMIT/PLANNING APPLICATION NUMBER GB070027

& TRACT/PARCEL MAP NUMBER 231-091-07

This Water Quality Management Plan (WQMP) has been prepared for the **COUNTY OF ORANGE/RDMD** by **DMJM HARRIS**. The WQMP is intended to comply with the requirements of the County of Orange, Planning and Development Services Division (PDSD), Permit/Application Number GB070027, requiring the preparation of a Water Quality Management Plan.

The undersigned, while it owns the subject property, is responsible for the implementation of the provisions of this plan and will ensure that this plan is amended as appropriate to reflect up-to-date conditions on the site consistent with the current Orange County Drainage Area Management Plan (DAMP) and the intent of the non point source DPDES Permit for Waste Discharge Requirements for the County of Orange, Orange County Flood Control District and the incorporated Cities of Orange County within the Santa Ana Region Stormwater Runoff Management Program. Once the undersigned transfers its interest in the property, its successors-in-interest shall bear the aforementioned responsibility to implement and amend the WQMP. An appropriate number of approved and signed copies of this document shall be available on the subject site in perpetuity.

Signed:

Name: Patrick Breslin

Title: Authorized Representative

Company: Orange County RDMD

Address: 1152 E. Fruit St Bldg 1, Santa Ana, CA 92701

Telephone #: (714) 567-7794

Date:

PLANNING & DEVELOPMENT SERVICES DEPARTMENT
NPDES Urban Runoff Condition Approval
REVIEWED BY
DATE 8/14/07
WQMP, SUBDIVISION AND GRADING SERVICE DIVISION
WQ07-0032

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Attachment B (if applicable)..... Notice of Intent (NOI) Application and Receipt

Section I Discretionary Permit(s) and Water Quality Conditions

County of Orange Permit/Application number GB070027

According to Section 7.I-1 of the DAMP, the project is defined as a Priority Project, because it falls into the priority project category for parking lots. That is, the project would be described as a parking lot area of 5,000 square feet or more, or with 15 or more parking spaces, and potentially exposed to urban runoff. According to DAMP Table 7.I-3, anticipated pollutants for a parking lot would be heavy metals, trash/debris and oil and grease. Potential pollutants would be sediments, nutrients, oxygen demanding substances and pesticides. All of the potential pollutants would be associated with any landscaping on the site, not the parking lot use.

The County's NPDES permit requirements include the application of best management practices (BMPs) for elimination or reduction of construction and post-construction pollutants. These conditions serve to mitigate water quality impacts as required by provisions of the DAMP and the County's Local Implementation Plan (LIP).

PPWQ-1

Prior to the approval of final design plans, a Water Quality Management Plan (WQMP) shall be prepared by RDMD / A / E Project Management and submitted for review and approval by RDMD / Planning and Development Services. The WQMP shall identify post-construction Best Management practices (BMPs) that will be used onsite to control predictable pollutant runoff. This WQMP shall identify, at a minimum, the routine structural and non-structural measures specified in the current Drainage Area Management Plan (DAMP). The WQMP must also address Site Design BMPs, incorporate Routine Source Control BMPs and include an Operation and Maintenance (O&M) Plan. If the project has been determined to be a "Priority" project, the WQMP shall also include Treatment Control BMPs.

PPWQ-2

Prior to approval of final design plans, an Erosion and Sediment Control Plan (ESCP) shall be prepared by RDMD / A/ E Project Management and submitted for review and approval by RDMD / Planning and Development Services. The ESCP shall demonstrate compliance with local and state water quality regulations for grading and construction activities. The ESCP shall identify how all construction materials, wastes, grading or demolition debris, and stockpiles of soil, aggregates, soil amendments, etc. shall be properly covered, stored, and secured to prevent transport into local drainages or coastal waters by wind, rain, tracking, tidal erosion or dispersion. The ESCP shall also describe how all BMPs will be maintained during construction of any future public right-of-ways. A copy of the current ESCP shall be kept at the project site and be available for review on request.

PPWQ-3

Prior to approval of final design plans, RDMD / A/ E Project Management shall demonstrate compliance under California's General Permit for Stormwater Discharges Associated with Construction Activity by providing a copy of the Notice of Intent (NOI) submitted to the State Water Resources Control Board and a copy of the subsequent notification of the issuance of a Waste Discharge Identification (WDID) Number or other proof of filing in a manner meeting the satisfaction of the Manager, Building Permit Services. Projects subject to this requirement shall prepare and implement a Stormwater Pollution Prevention Plan (SWPPP). A copy of the current SWPPP shall be kept at the project site and be available for review on request.

Section II Project Description

Project Description
The project site is in the City of Orange (City), Orange County, CA
The proposed project includes the demolition of the existing office building located at APN 231-091-07, 595 The City Drive, Orange CA 92868. Upon the removal of this building the project includes grading for a new parking lot and construction of a new employee parking lot for the HCA, Animal Care Services Facility.

Project Purpose and Activities
The proposed project consists of the demolition of the 5400 ft^2 office building to add the area to the employee parking lot for Orange County Health Care Agency (HCA) Animal Care Services Facility then grade and resurface 42,400 square feet of the parking lot.

Potential Storm Water Pollutants
According to Section 7.I-1 of the DAMP, the project is defined as a Priority Project, because it falls into the priority project category for parking lots. That is, the project would be described as a parking lot area of 5,000 square feet or more, or with 15 or more parking spaces, and potentially exposed to urban runoff.

Table 1 List of Potential Pollutants of Concern for Parking Lots.

Priority Project Categories	Sediments	Nutrients	Heavy Metals	Organic Compounds	Trash & Debris	Oxygen Demanding Substances	Oil & Grease	Bacteria and Viruses	Pesticides
Parking Lots	X	X	X	X	X	X	X	X	X

Note: All of the potential pollutants would be associated due to landscaping on the site.

Section III Site Description

Planning Area: City of Orange
Project Size (ac): 0.97 acres
Percent Change in Impermeable Surfaces: - 2.5%

SIC Code (if applicable)
0279 Animal Specialties

Site Address: 561 THE CITY DRIVE,ORANGE, CA 92868
Zoning: C-1 (Limited Business District)
Soil type: A
Pre-project percent pervious: 5% Post-project percent pervious: 7.5%
Pre-project percent impervious: 95% Post-project percent impervious: 92.5%
Watershed: Santa Ana River Hydrologic Unit East Coastal Plain HSA 801.11
Downstream Receiving Waters: Santa Ana River- E01
Water Quality Impairments (if applicable): NOT ON 303D

SITE NARRATIVE

REGIONAL

The regional location of the project is in the City of Orange in north Orange County, which is bound on the north by the City of Anaheim, on the east by the City of Tustin and unincorporated Orange County, on the south by the City of Santa Ana, and on the west by the Cities of Garden Grove and Anaheim. State Route 57 (SR-57) transects the City in the southwestern portion, State Route 22 (SR-22) is along the southern portion of the City, and State Route 55 (SR-55) transects the City in the central portion.

GENERAL

The general location of the project is at the intersection of the SR-22 and The City Drive, located at 561 The City Drive South in the City of Orange. The project site is located on a property that houses several County facilities, including Theo Lacy Branch Jail, Animal Care Services and Animal Care Center, Orangewood Children's Foundation, Family Court, and Orange County Juvenile Hall. The project site is located at the existing County of Orange HCA, Animal Care Services Facility. To the west is The Block at Orange shopping mall, UCI Medical Center to the north, the Santa Ana River to the east, and the SR-22 to the south.

SITE SPECIFIC

An existing two-story 10,000 ft^2 office building and associated parking lot, owned by the County of Orange, occupy the northwestern quadrant of the project site. The office building is located on The City Drive with parking to the north, east, and south of the building. Parking lot access for the office building is from The City Drive, north of the office building. The southern and eastern portion of the project site contains 48 spaces of parking for the HCA, Animal Care Services Facility.

There is an existing row of ornamental trees extending approximately 250 feet from the northern boundary of the project site that bisects the project site from north to south, separating the office building parking from the HCA, Animal Care Services public parking lot. In addition, four to five individual trees surround the existing office building.

Drainage Characteristics

The post development drainage pattern will be nearly identical to existing conditions. The main difference between post developed conditions and existing conditions will be the re-surfaced asphalt parking lot. The drainage areas have nominal alterations. The entire area will drain similar to the existing conditions. The calculations for the subbasins are as follows. Under current conditions the stormwater runoff flows to an existing 66" storm drain that runs easterly towards the Santa Ana River on the southern portion of the site.

The drainage area is limited to onsite runoff from the immediate area. Under existing conditions the drainage consists of one basin. The results of the 25 year peak flow rate for the pre-developed and post developed conditions are as follows.

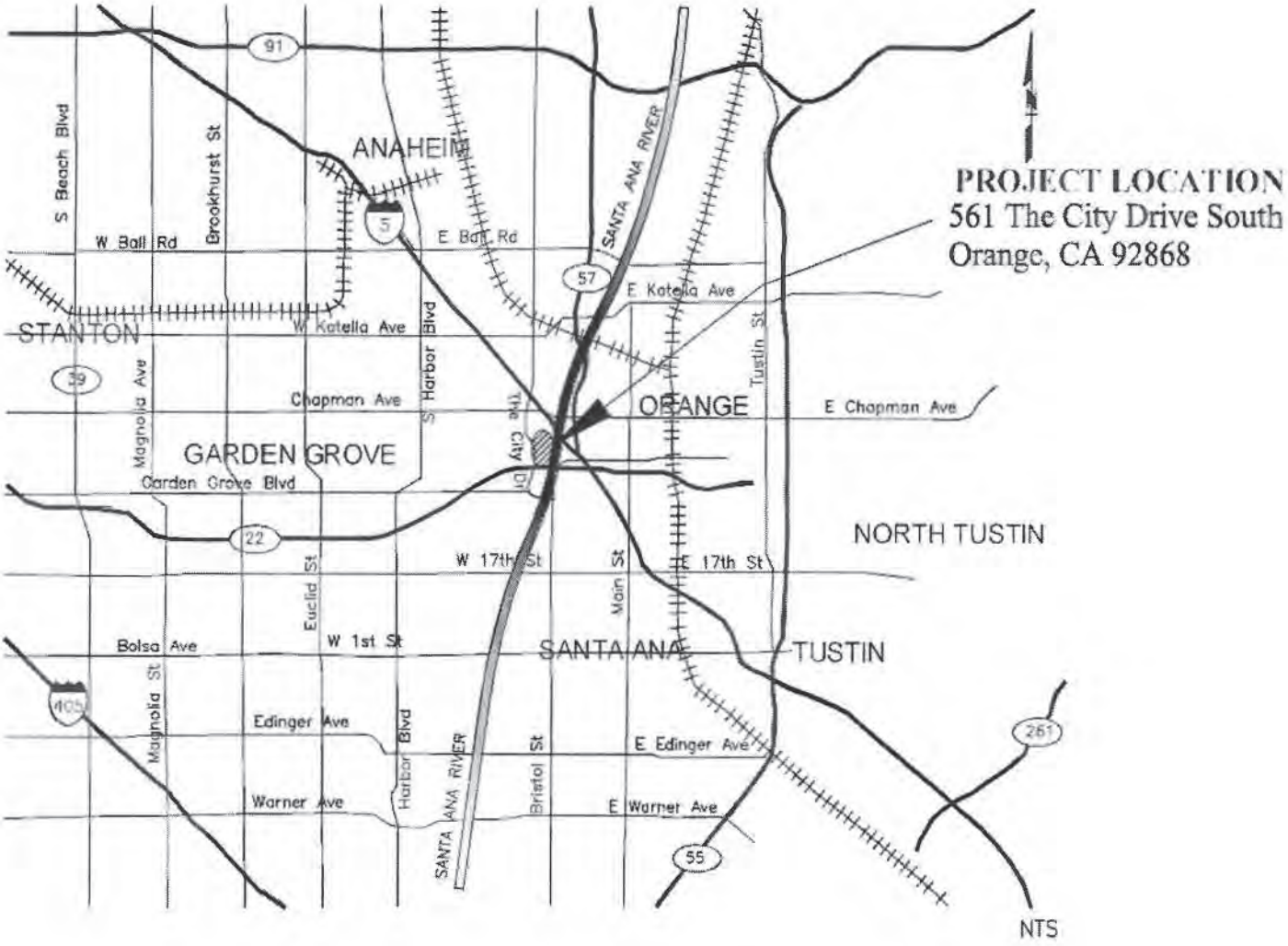
Table 2 - Summary of peak flow rates being conveyed offsite for 25 year storm.

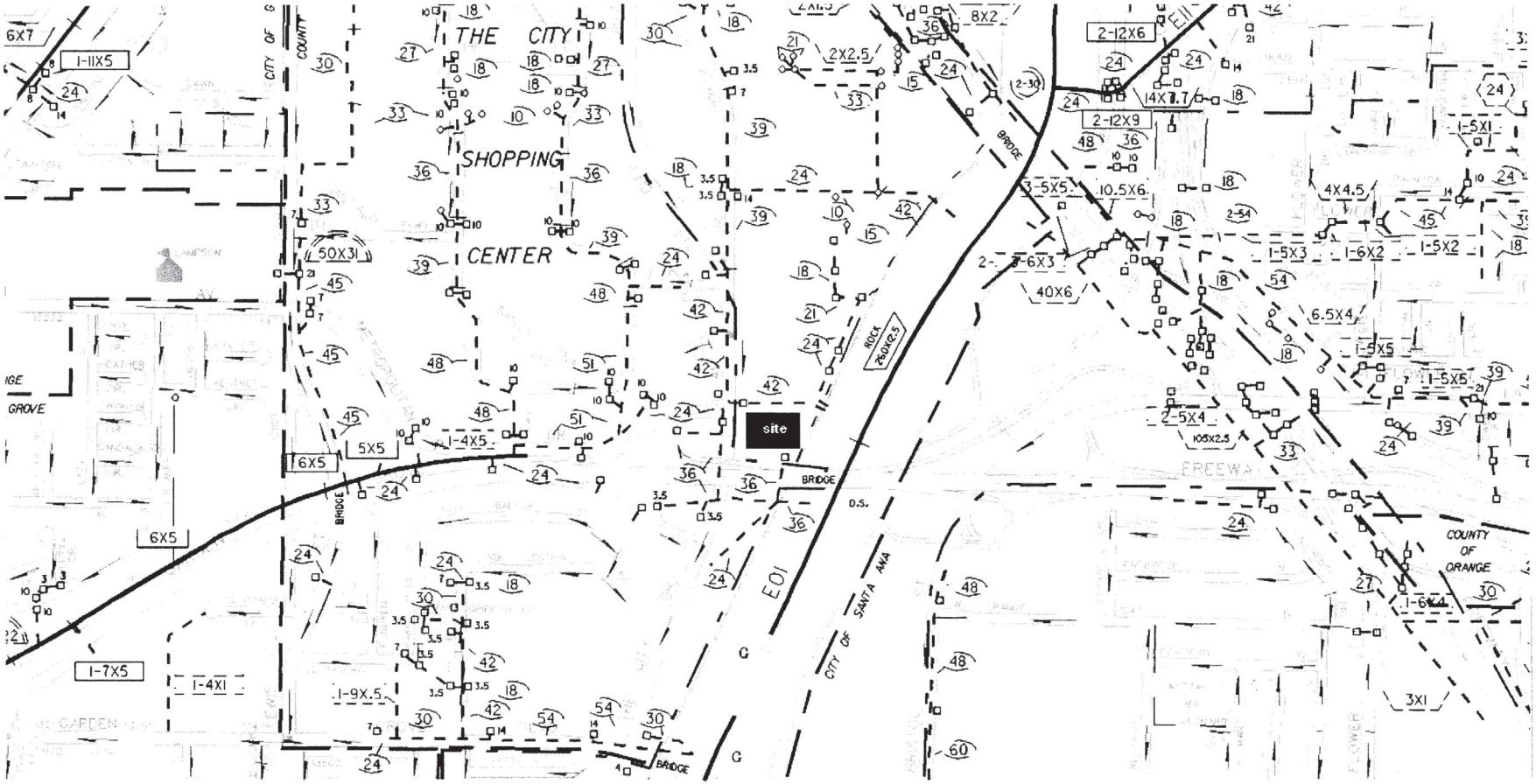
	Pre-Developed		Post-Developed	
	Area (acres)	Q_{25} (cfs)	Area (acres)	Q_{25} (cfs)
Basin 1	.13	0.56	.13	0.56
Basin 2	1.30	5.28	1.34	5.48

Hydrologic Conditions of Concern

- Due to slight increase in area contributing to the storm drain on-site, there will be nominal increase of 0.2 cfs peak discharge for the 25 year storm event.
- There are no other Hydrologic or Hydraulic conditions of concern. The development will not cause objectionable effects to existing offsite downstream conveyance facilities.

VICINITY MAP





N

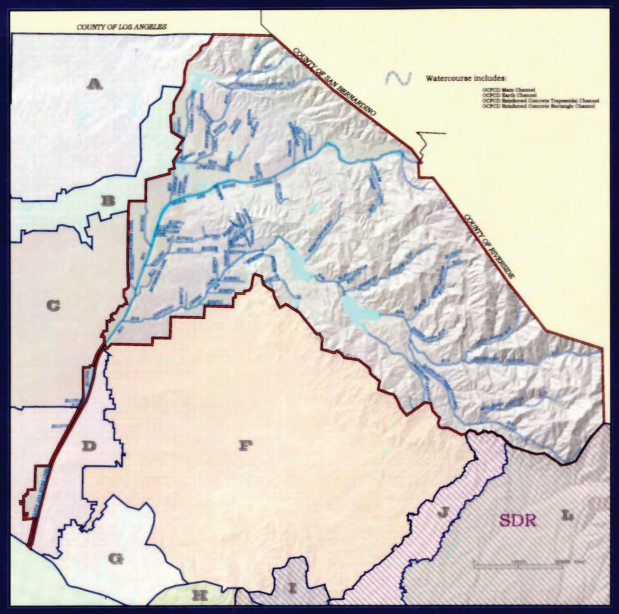
NOTICE

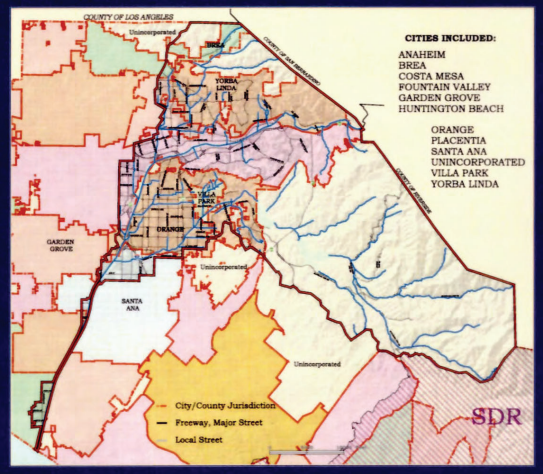
This drainage map has been prepared for information purposes only. The location and ownership of facilities have been determined from available information provided by public agencies, but may not be exact. The user of this map is responsible for verifying exact location, ownership and regional versus local character of drainage facilities.
Additional information may be obtained from public plans and recorded deeds.
Character designations shown on this map are for convenience only and are not controlling.
Neither the County of Orange nor The Orange County Flood Control District (OCFCD) assume any liabilities for inaccuracy of this map.

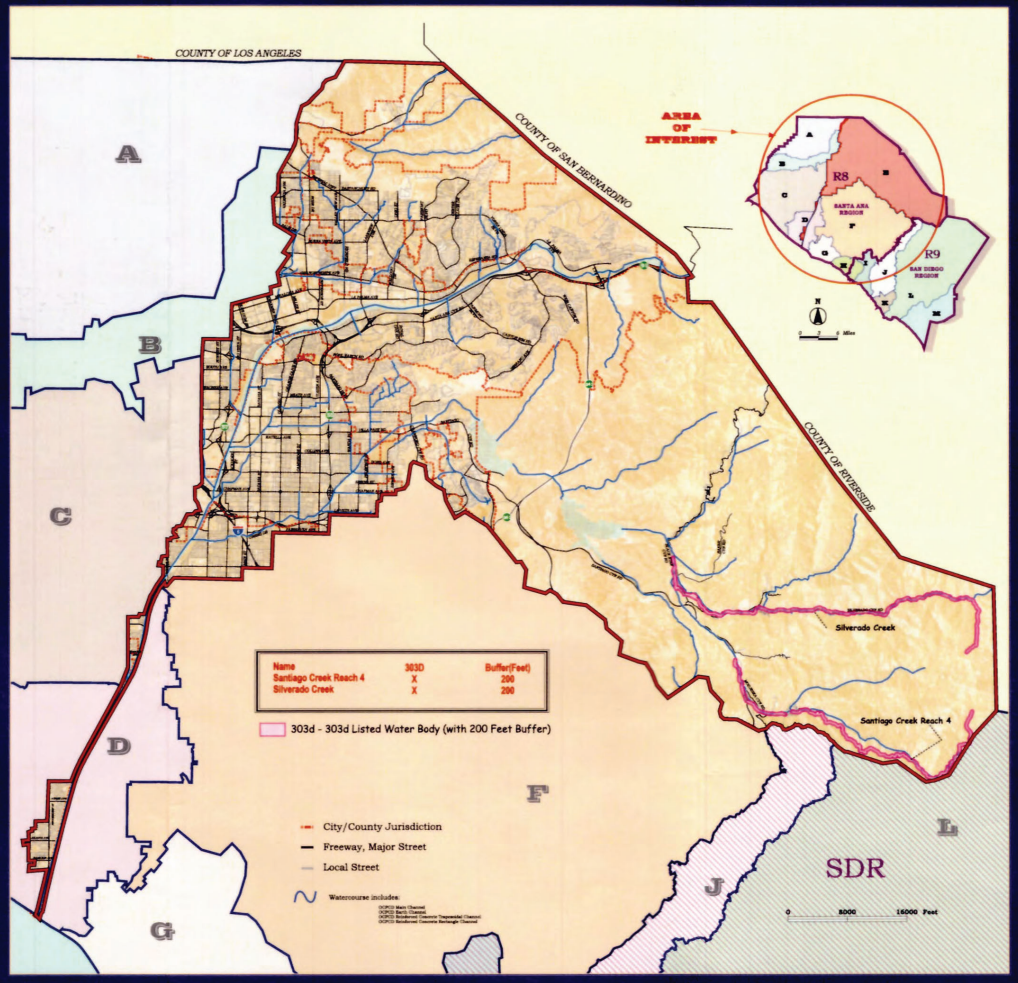
ORANGE COUNTY FLOOD CONTROL DISTRICT

MASTER PLAN OF FLOOD CONTROL & DRAINAGE FACILITIES IN ORANGE COUNTY

REVISION DATE	SHEET NO.	DWG. NO.
FEB.10/1999	21	MAPS-113-3







WATERSHED E :
LOWER SANTA ANA RIVER
ENVIRONMENTALLY SENSITIVE AREAS
COUNTY OF ORANGE, CALIFORNIA

118611 Acres

DESIGNED AND PRODUCED BY:
GIS Mapping Unit
Public Facilities and Resources Department
Carmen Cupil Dennis

DATA SOURCE:
Geographic Land Information System Division
Eagle Mapping, Inc.
USGS 10 Meter DEM, 1999

The Mapping of Accuracy of the data was affirmed. The accuracy of the data as well as the data sources have been reviewed and are considered to be reliable. Information and data sources are responsible of any errors or omissions in the data. Any reproduction or distribution of the data or use of the data with accuracy which expressly disclaimed.

DATE: November 13, 2003

Section IV Best Management Practices (BMPs)

Source Control BMPs

Routine Non-Structural BMPs

Table 3. Routine Non-Structural BMPs

BMP No.	Name	Check One		If not applicable, state brief reason.
		Included	Not Applicable	
N1	Education for Property Owners, Tenants and Occupants		X	No work proposed in parking lot.
N2	Activity Restriction	X		
N3	Common Area Landscape Management	X		
N4	BMP Maintenance	X		
N5	Title 22 CCR Compliance		X	No hazardous wastes will be generated.
N6	Local Water Quality Permit Compliance		X	This BMP is not applicable. In the City or Orange. It does not issue water quality permits.
N7	Spill Contingency Plan		X	No above ground storage.
N8	Underground Storage Tank Compliance		X	No under ground storage
N9	Hazardous Materials Disclosure Compliance		X	No hazardous Materials stored.
N10	Uniform Fire Code Implementation		X	No hazardous Materials stored.
N11	Common Area Litter Control	X		
N12	Employee Training	X		
N13	Housekeeping of Loading Docks		X	No Loading Docks proposed
N14	Common Area Catch Basin Inspection	X		
N15	Street Sweeping Private Streets and Parking Lots	X		
N17**	Retail Gasoline Outlets		X	No gasoline outlets proposed

** There is no BMP with the designation N16.

N1- Education For Property Owners/Tenants

Educational materials will address consist of the following two (2) brochures found online : http://www.ocwatersheds.com/brochures

- Proper Maintenance Practices For Your Business
- Keeping Pest Control Products Out of Creeks, Rivers, and the Ocean

These manuals must be kept available on site. Every employee must review these manuals at the completion of the project or when employment begins.

N2- Activity Restrictions

The following restrictions shall be enforced in order to promote water quality on the site as follows:

- Prohibit discharges of fertilizer, pesticides, or animal wastes to streets or storm drains.
- Prohibit blowing or sweeping of debris (leaf litter, grass clippings, litter, etc.) into streets or storm drains.
- Requirement to keep dumpster lids closed at all times.
- Requirement to keep trash receptacles covered
- Prohibit discharges of paint or masonry wastes to streets or storm drains.
- Prohibit vehicle washing, maintenance, or repair on the premises or restrict those activities to designated areas.
-

N3 - Common Area Landscape Management
Water Conservation

The use and application of water shall be in accordance to City of Orange mandatory water conservation program: Resolution Number 7793.

Irrigation Systems in restricted planting areas, i.e., parking lots, raised planters, shall:

1) Be designed to accommodate the lowest infiltration rate present
2) Have additional watering cycles available to avoid runoff and meet water requirements for the landscape.

Irrigation Systems

The on-site irrigation water systems shall be designed and operated to promote water conservation.

All irrigation systems shall be designed to avoid runoff and overspray onto adjacent property, non-irrigated areas, walks, roadways or structures. Where varying soil types are present, the design of the irrigation system shall be compatible with the lowest percolation rate present.

Irrigation systems shall be designed to provide 100% uniform coverage to all planting areas. As part of the scope of work, any additional heads, special nozzles, or patterns are required to achieve proper coverage with a minimum of overspray. All systems are required to be inspected for 100% coverage.

N4- BMP Maintenance

"BMP maintenance, implementation schedules, and responsible parties are included with each specific BMP narrative."

N-11 Common Area Litter Control

Orange County Health Agency shall uphold trash management and litter control procedures in the common areas as to a level that will protect its citizens and their property from conditions which are offensive or annoying to the senses, detrimental to property values and community appearance, or injurious to the health, safety or welfare of the general public in such ways as to be a nuisance as defined by Title 8 Chapter 8.04.020 "Declaration Of A Nuisance" in the City of Orange, CA Municipal Code. Meeting these standards will aid and benefit in meeting water quality objectives.

No person who owns, controls or occupies any premises shall permit trash or garbage to accumulate for a period in excess of one calendar week, or cuttings to accumulate for a period in excess of one calendar month, or fail, refuse or neglect to place such trash, garbage and such refuse and cuttings for collection in accordance with schedules established (8.28.170.)

The trash must be picked up weekly *at a minimum*, the facility managers may allocate funding for more frequent trash pickup, if needed.

Each vessel, tank or receptacle shall be kept in a clean and sanitary condition. This section shall be subject to the following exception: During the months of July, August, September and October of each year, yard trimmings and leaves only may be placed in throw-away cardboard boxes or plastic bags. (Ord. 32-72: Prior Code 3153).

N-12 Employee Training

Employees will be required to read the educational brochures described in N-1 at the completion of the project, or when employment begins.

The brochures shall be made available on site.

The educational component of maintaining a commercial parking lot and landscaped areas will be included as a requirement for any future transfers of ownership.

Each employee must read the brochures on an annual basis, and provide documentation of the training in the form of a signature to be kept on file with the Human Resources Dept.

N-14 Common Area Catch Basin Inspection

The catch basin inspection requirements for the grated inlets including those equipped with Kristar Flo-Gard Plus Catch Basin Insert Filters (or equivalent) shall be inspected and serviced appropriately a minimum of three times per year. The timing of the inspections and service are as follows:

- Prior to the onset of the wet season, October 1, (inspection and service to be completed with the last two weeks of September).
- Following the conclusion of the wet season, April 30, (inspection and service to be competed within the first two weeks of May).
- Following any major storm events.

For further details of maintenance and service procedures for the catch basin inserts by Kristar, see Appendix C, BMP Details.

N15 - Street Sweeping Private Streets and Parking Lots
The dust, dirt, trash, oils, and heavy metals on the streets, alleys, and exposed parking lot areas will be mitigated by active street sweeping of all streets and exposed parking lots on a by-weekly basis. This active management will insure the best containment of these contaminants on a regular basis before they can build up to a significant pollutant impact. This street sweeping will be contracted between the property owner and a licensed vendor for this service. A copy of the contract will be provided to the City as proof of this BMP.

Routine Structural BMPs

Table 4 - Routine Structural BMPs

Name	Check One		If not applicable, state brief reason
	Included	Not Applicable	
Provide storm drain system stenciling and signage	X		
Design and construct outdoor material storage areas to reduce pollution introduction		X	Not Proposed
Design and construct trash and waste storage areas to reduce pollution introduction	X		
Use efficient irrigation systems & landscape design	X		
Protect slopes and channels and provide energy dissipation		X	No slopes
Incorporate requirements applicable to individual project features		X	
a. Dock areas		X	Not proposed
b. Maintenance bays		X	Not proposed
c. Vehicle wash areas		X	Not proposed
d. Outdoor processing areas		X	Not proposed
e. Equipment wash areas		X	Not proposed
f. Fueling areas		X	Not proposed
g. Hillside landscaping		X	Not proposed
h. Wash water control for food preparation areas		X	Not proposed
i. Community car wash racks		X	Not proposed

Provide storm drain system stenciling and signage.
Storm drain stencils will be placed directly adjacent to storm drain inlets and contain a brief statement "NO DUMPING-DRAINS TO SANTA ANA RIVER" that warns against dumping wastes into the municipal storm drain system.

The owner "Orange County Health Care Agency" is responsible for maintaining the catch basin labels. The catch basin labels must be inspected bi-annually for legibility and maintained to the satisfaction of public officials.

Design and construct trash and waste storage areas to reduce pollution introduction

Trash storage area refers to an area where a trash receptacle or receptacles are located for use as a repository for solid wastes. All trash container areas will meet the following Structural or Treatment Control BMP requirements.

1) Trash container areas must have drainage from adjoining roofs and pavement diverted around the area(s).
2) Trash container areas must be screened or walled to prevent off-site transport of trash.
3) All trash receptacles exposed to rainfall must be attached with lids that exclude rainfall.
4) The trash enclosure area must be paved with an impervious surface.

Use efficient irrigation systems & landscape design

Orange County Health Care Agency must adhere to most current applicable water conservation ordinance with regards to landscaping. The timing and application methods of irrigation water to minimize the runoff of excess irrigation water into the municipal storm drain system that shall be employed are as follows:

1) Install rain shutoff devices to prevent irrigation after precipitation.
2) Using flow reducers or shutoff valves triggered by a pressure drop to control water loss in the event of broken sprinkler heads or lines.
3) Group plants with similar water requirements in order to reduce excess irrigation runoff and promote surface filtration.
4) Choose plants with low irrigation requirements (for example, native or drought tolerant species).
5) Install appropriate plant materials for the location, in accordance with amount of sunlight and climate, and use native plant material where possible and/or as recommended by the landscape architect.
6) Choose plants that minimize or eliminate the use of fertilizer or pesticides to sustain growth.

Site Design BMPs

Table 5 - Site Design BMPs

Technique	Included?		If no, state justification.
	Yes	No	
Minimize Directly Connected Impervious Areas (DCIAs) (C-Factor Reduction)	X		
Create Reduced or "Zero Discharge" Areas (Runoff Volume Reduction)[1]	X		
Minimize Impervious Area/Maximize Permeability (C-Factor Reduction)[2]	X		
Conserve Natural Areas (C-Factor Reduction)	X		

1 Detention and retention areas incorporated into landscape design provide areas for retaining and detaining stormwater flows, resulting in lower runoff rates and reductions in volume due to limited infiltration and evaporation. Such Site Design BMPs may reduce the size of Treatment Control BMPs.

2 The "C Factor" is a representation of the ability of a surface to produce runoff. Surfaces that produce higher volumes of runoff are represented by higher C Factors. By incorporating more pervious, lower C Factor surfaces into a development, lower volumes of runoff will be produced. Lower volumes and rates of runoff translate directly to lowering treatment requirements.

1) Minimize Directly Connected Impervious Areas (DCIAs) (C-Factor Reduction)
This site design was incorporated by adding the grass buffer strip between the sidewalk and the parking lot on the west side on the project.

2) Create Reduced or "Zero Discharge" Areas (Runoff Volume Reduction)
Reduced Discharge Areas were implemented by creating a landscaped "island" in a portion of the area where the demolished building once stood. Runoff generated from that area will be reduced from the pre-existing condition which had roof top runoff.

3) Minimize Impervious Area/Maximize Permeability (C-Factor Reduction)
The impervious area will be reduced with respect to existing conditions. The total pervious area on the site will increase due to introduction of the grass strip and other modifications to the existing landscaped areas.

4) Conserve Natural Areas (C-Factor Reduction)
Incorporated in the site design is an effort to preserve the existing landscaped "natural" areas. Some modifications were necessary due to the minor modifications on site, e.g., the addition of a ramp down to the modular units (See Site Plan). The areas that could be conserved were conserved, and additional pervious area is proposed as part of the project, resulting in an overall increase in pervious area.

Treatment Control BMPs

Unlike flood control measures that are designed to handle peak flows, stormwater Treatment Control BMPs are designed to treat the more frequent, lower-flow storm events, or the first flush portions of runoff from larger storm events (typically referred to as the first-flush events). Small, frequent storm events represent most of the total average annual rainfall for the area. The flow and volume from such small events is targeted for treatment. There is marginal water quality benefit gained by sizing treatment facilities to handle flows or volumes greater than the ones generated by small events.

Table 6. Treatment Control BMPs

Name	Included?	
	Yes	No
Vegetated (Grass) Strips		X
Vegetated (Grass) Swales		X
Dry Detention Basin		X
Wet Detention Basin		X
Constructed Wetland		X
Detention Basin/Sand Filter		X
Porous Pavement Detention		X
Porous Landscape Detention		X
Infiltration Basin		X
Infiltration Trench		X
Media Filter	X	
Proprietary Control Measures	X	

VORTEX UNIT and CATCH BASIN INSERTS
The dust, dirt, trash, and oils on the streets, alleys, and exposed parking surfaces will be further mitigated by use of catch basin insert, **FLO-GARD™+PLUS CATCH BASIN INSERT FILTERS (or equivalent)** installed in each of the two onsite catch basins (see BMP map) and by the installation of a vortex type drainage separation unit, stormceptor or equivilent prior to discharge into the municipal storm drain system. These inserts and vortex unit will be equipped for mitigation of whatever minor oil remains on the parking lot between sweepings. The catch basin inserts and vortex unit will provide added protection from these pollutants in addition to the protection offered by the sweeping. A fully detailed description of these BMPs including details and specifications is included at the end of Section VI.

Calculations

The vortex unit and catch basin inserts are Flow-based BMPs designed to filter the maximum flow rate of runoff produced from a rainfall intensity of 0.2 inch of rainfall per hour (WQF); and capable

of bypassing the maximum flow rate of runoff from a 25 year event (Q_{25}) as calculated in the Hydrology/Hydraulic Study for this project (Table 5).

The WQF was determined using the following equation

$$WQF = 0.9(I-F_m)A$$

Where:

WQF = water quality flow rate (cfs)
I = 0.2 in/hr
F_m = maximum loss rate (cfs)
A = subbasin area (acres)

*Note: Calculations for determining the maximum loss rates are in Hydrology/Hydraulic Study for this project.

Node 1.1
WQF = 0.9(0.2-0.026)0.13 = 0.02 cfs

Node 2.1
WQF = 0.9(0.2-0.026)1.34 = 0.21 cfs

Node 3.1
WQF = 0.9(0.2-0.026)1.47 = 0.23 cfs

[Nodes 3.1 is a vortex unit located immediately (10'+/-) downstream of the catch basin at Node 2.1]

Table 7 – Summary of Flow Rates used for designing treatment BMPs

	BMP Measure	**WQF(cfs)**	**Q_{25} (cfs)**
Node 1.1	CB Insert	0.02	0.56
Node 2.1	CB Insert	0.21	5.48
Node 3.1	Vortex Unit	0.23	6.04

Treatment Control BMPs SELECTED

Node 1.1
The catch basin at node 1.1 shall be equipped with a Kristar FGP-12 (or equivalent) catch basin media filter.

Node 2.1
The catch basin at node 2.1 shall be equipped with a Kristar FGP-2024f (or equivalent) catch basin media filter

Node 3.1

The vortex unit of Node 3.1 shall consist of a stormceptor Model STC 900 or larger.

For complete specification of the vortex unit and catch basin media filters see Section VI - BMP Details

Section V Inspection/Maintenance Responsibility for BMPs

Responsible Party Information
Name: Pat Breslin
Company: Orange County RDMD
Phone Number: (714) 567-7794

Table 6 Frequency Inspection Matrix

BMP	Responsible Party	*Maintenance Activity	*Inspection/Maintenance Frequency
Source Control BMPs (Structural and Nonstructural)			
N15 – Street Sweeping Private Streets and Parking Lots	Orange County RDMD	Street Sweeping	Bi-weekly
N-11 Common Area Litter Control	Orange County RDMD	See description in section IV	Daily- Grounds pick up Weekly – Trash Receptacle Pick- up
Treatment Control BMPs			
Catch Basin Inserts	Orange County RDMD	See Section VI, BMP Details	See Section VI, BMP Details
Vortex Unit	Orange County RDMD	See Section VI, BMP Details	See Section VI, BMP Details

CSR™



THE STORMCEPTOR® SYSTEM

Owner's Manual

Stormceptor® Owners Manual Contents

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Rev. 10/2000

If this manual is more than one year old, please contact CSR for an updated version by calling (800) 909-7763 or by visiting our website at www.csrstormceptor.com

Thank You!

We want to thank you for selecting the Stormceptor System to use in your efforts in protecting the environment. Stormceptor is one of the most effective and maintenance friendly storm water quality treatment devices available. If you have any questions regarding the operation and maintenance of the Stormceptor System, please call your local CSR representative, or the Stormceptor Information Line at (800) 909-7763.

1. *Stormceptor Overview*

The Stormceptor System is a water quality device used to remove total suspended solids (TSS) and free oil (TPH) from storm water run-off. Stormceptor takes the place of a conventional manhole or inlet structure within a storm drain system. CSR manufactures the Stormceptor System with precast concrete components and a fiberglass disc insert. A fiberglass Stormceptor can also be provided for special applications.

The Stormceptor System product line consists of four patented designs:

- The In-Line (Conventional) Stormceptor, available in eight model sizes ranging from 900 to 7200 gallon storage capacity.
- An In-Line (Series) Stormceptor is available in three model sizes ranging from 11,000 to 16,000 gallon storage capacity.
- The Submerged Stormceptor, an in-line system designed for oil and sediment removal in partially submerged pipes, available in eight models sizes ranging from 900 to 7200 gallon storage capacity.
- The Inlet Stormceptor is a 450 gallon unit designed for small drainage areas.

Stormceptor removes free oil and suspended solids from storm water preventing hazardous spills and non-point source pollution from entering downstream lakes and rivers. CSR and its affiliates market and manufacture the Stormceptor System in the United States and Australia. Several thousand Stormceptor Systems have been installed in various locations throughout North America, Australia and the Caribbean since 1990.

In the Stormceptor, a fiberglass insert separates the treatment chamber from the by-pass chamber. The different insert designs are illustrated in Figures 1 and 2. These designs are easily distinguishable from the surface once the cover has been removed.

There are four versions of the in-line disc insert: single inlet/outlet, multiple inlet, in-line series insert and submerged designs. In the non-submerged "disc" design you will be able to see the inlet pipe, the drop pipe opening to the lower chamber, the weir, a 6" oil inspection/cleanout pipe, a large 24" riser pipe opening offset on the outlet side of the structure, and the outlet pipe from the unit. The weir will be around the 24" outlet pipe on the multiple inlet disc insert and on large diameter pipe applications.

The STC*s* Stormceptors consist of two chambers comprised of similar fiberglass inserts. These units also contain a 6" oil/inspection cleanout pipe and 24" outlet riser pipes.

The submerged disc insert has a higher weir and a second inlet drop pipe. In the inlet design you will be able to see an inlet drop pipe and an outlet riser pipe as well as a central oil inspection/cleanout port.

2. *Stormceptor System Operation*

The Stormceptor consists of a lower treatment chamber, which is always full of water, and a by-pass chamber. Storm water flows into the by-pass chamber via the storm sewer pipe or grated inlet (Inlet Stormceptor). Normal flows are diverted by a weir and drop arrangement into a treatment chamber. Water flows up through the submerged outlet pipe based on the head at the inlet weir and is discharged back into the by-pass chamber downstream of the weir. The downstream section of the pipe is connected to the outlet sewer pipe.

Oil and other liquids with a specific gravity less than water rise in the treatment chamber and become trapped under the fiberglass weir. Sediment will settle to the bottom of the chamber by gravity. The circular design of the treatment chamber is critical to prevent turbulent eddy currents and to promote settling.

During infrequent high flow conditions, storm water will by-pass the weir and be conveyed to the outlet sewer directly. The by-pass is an integral part of the Stormceptor since other oil/grit separators have been noted to scour during high flow conditions (Schueler and Shepp, 1993).

The key benefits of Stormceptor include:

- Capable of removing more than 80% of the total sediment load when properly applied as a source control for small drainage areas
- Removes free oil from storm water during normal flow conditions
- Will not scour or resuspend trapped pollutants
- Ideal spill control device for commercial and industrial developments
- Vertical orientation facilitates maintenance and inspections

3. *Identification of Stormceptor*

All In-Line (including Submerged) Stormceptors are provided with their own frame and cover. The cover has the name STORMCEPTOR clearly embossed on it to allow easy identification of the unit. The name Stormceptor is not embossed on the inlet models due to the variability of inlet grates used/approved across North America. You will be able to identify the Inlet Stormceptor by looking into the grate since the insert will be visible.

Once you have located a unit, there still may be a question as to the size of the unit. Comparing the measured depth from the water level (bottom of insert) to the bottom of the tank with Table 1 should help determine the size of the unit.

Table 1. Stormceptor Dimensions*	
Model	**Pipe Invert to Top of Base Slab**
450*i*	60"
900	55"
1200	71"
1800	105"
2400	94"
3600	134"
4800	128"
6000	150"
7200	134"
11000*s*	128"**
13000*s*	150"**
16000*s*	134"**

** Depths are approximate.*

*** Depths per structure*

Starting in 1996, a metal serial number tag has been affixed to the fiberglass insert. If the unit does not have a serial number, or if there is any uncertainty regarding the size of the Stormceptor using depth measurements, please contact the CSR Stormceptor information line at (800) 909-7763 for assistance.

4. *Stormceptor Maintenance Guidelines*

The performance of all storm water quality measures that rely on sedimentation decreases as they fill with sediment (See Table 2 for Stormceptor capacities). An estimate of performance loss can be made from the relationship between performance and storage volume. CSR recommends maintenance be performed when the sediment volume in the unit reaches 15% of the total storage. This recommendation is based on several factors:

- Sediment removal is easier when removed on a regular basis (as sediment builds up it compacts and solidifies making maintenance more difficult).
- Development of a routine maintenance interval helps ensure a regular maintenance schedule is followed. Although the frequency of maintenance will depend on site conditions, it is estimated that annual maintenance will be required for most applications; annual maintenance is a routine occurrence which is easy to plan for and remember.
- A minimal performance degradation due to sediment build-up can occur.

In the event of any hazardous material spill, CSR recommends maintenance be performed immediately. Maintenance should be performed by a licensed liquid waste hauler. You should also notify the appropriate regulatory agencies as required.

Table 2. Stormceptor Capacities			
Model	**Sediment Capacity ft³ (L)**	**Oil Capacity US gal (L)**	**Total Holding Capacity US gal (L)**
450*i*	45 (1276)	86 (326)	470 (1779)
900	75 (2135)	251 (950)	952 (3604)
1200	113 (3202)	251 (950)	1234 (4671)
1800	193 (5470)	251 (950)	1833 (6939)
2400	155 (4387)	840 (3180)	2462 (9320)
3600	323 (9134)	840 (3180)	3715 (14063)
4800	465 (13158)	909 (3441)	5059 (19150)
6000	609 (17235)	909 (3441)	6136 (23227)
7200	726 (20551)	1059 (4009)	7420 (28088)
11000*s*	942 (26687)	2797 (10588)	11194 (42374)
13000*s*	1230 (34841)	2797 (10588)	13348 (50528)
16000*s*	1470 (41632)	3055 (11564)	15918 (60256)

4.1 *Recommended Maintenance Procedure*

For the "disc" design, oil is removed through the 6" inspection/cleanout pipe and sediment is removed through the 24" diameter outlet riser pipe. Alternatively, oil could be removed from the 24" opening if water is removed from the treatment chamber, lowering the oil level below the drop pipes.

The depth of sediment can be measured from the surface of the Stormceptor with a dipstick tube equipped with a ball valve (Sludge Judge®). It is recommended that maintenance be performed once the sediment depth exceeds the guideline values provided in Table 3 for the reasons noted in Section 4 Stormceptor Maintenance Guidelines.

Table 3. Sediment Depths Indicating Required Maintenance	
Model	**Sediment Depth**
450*i*	8" (200 mm)
900	8" (200 mm)
1200	10" (250 mm)
1800	15" (375 mm)
2400	12" (300 mm)
3600	17" (425 mm)
4800	15" (375 mm)
6000	18" (450 mm)
7200	15" (375 mm)
11000*s*	15" (375 mm)**
13000*s*	18" (375 mm)**
16000*s*	15" (375 mm)**

* *Depths are approximate.*

** *In each structure.*

No entry into the unit is required for routine maintenance of the Inlet Stormceptor or the smaller disc insert models of the In-Line Stormceptor. Entry to the level of the disc insert may be required for servicing the larger disc insert models. Any potential obstructions at the inlet can be observed from the surface. The fiberglass insert has been designed as a platform for authorized maintenance personnel, in the event that an obstruction needs to be removed, sewer flushing needs to be performed, or camera surveys are required.

Typically, maintenance is performed by the Vacuum Service Industry, a well established sector of the service industry that cleans underground tanks, sewers, and catch-basins. Costs to clean a Stormceptor will vary based on the size of the unit and transportation distances. If you need assistance for cleaning a Stormceptor unit, contact your local CSR representative, or the Stormceptor Information Line at (800) 909-7763.

Figures 1 and 2 will help illustrate the access point for routine maintenance of Stormceptor.

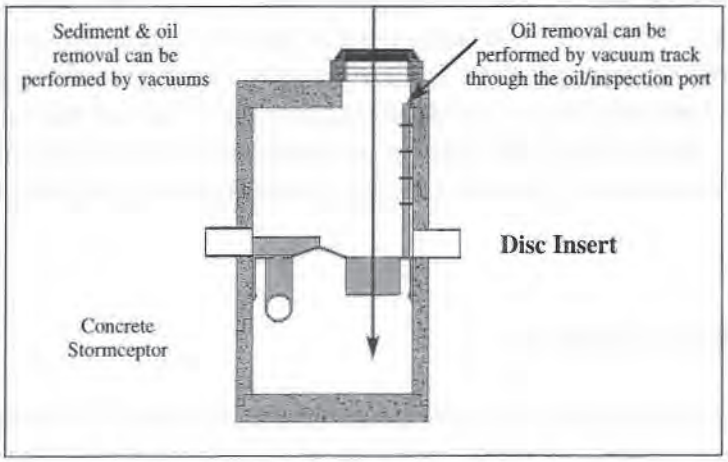

Figure 1 Single Inlet/Outlet "Disc" Insert
In-Line Stormceptor

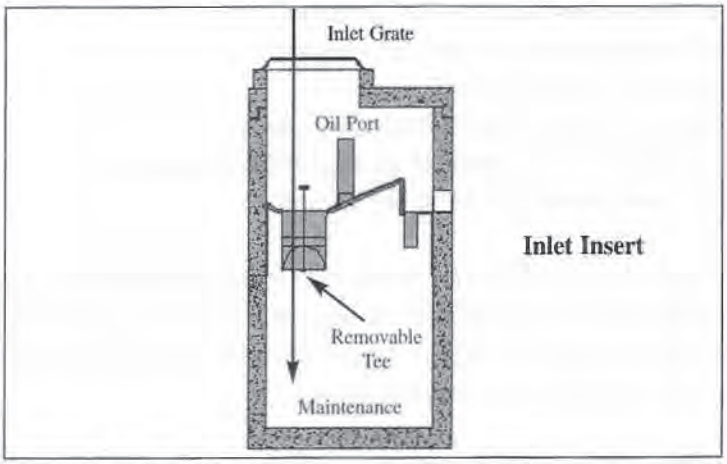

Figure 2 STC 450*i*
Inlet Stormceptor

4.2 *Disposal of Trapped Material from Stormceptor*

The requirements for the disposal of material from Stormceptor are similar to that of any other Best Management Practices (BMP). Local guidelines should be consulted prior to disposal of the separator contents.

In most areas the sediment, once dewatered, can be disposed of in a sanitary landfill. It is not anticipated that the sediment would be classified as hazardous waste. In some areas, mixing the water with the sediment will create a slurry that can be discharged into a trunk sanitary sewer. In all disposal options, approval from the disposal facility operator/agency is required. Petroleum waste products collected in Stormceptor (oil/chemical/fuel spills) should be removed by a licensed waste management company.

What if I see an oil rainbow or sheen at the Stormceptor outlet?

With a steady influx of water with high concentrations of oil, a sheen may be noticeable at the Stormceptor outlet. This may occur because a rainbow or sheen can be seen at very small oil concentrations (< 10 ppm). Stormceptor will remove over 95% of all free oil and the appearance of a sheen at the outlet with high influent oil concentrations does not mean that the unit is not working to this level of removal. In addition, if the influent oil is emulsified, the Stormceptor will not be able to remove it. The Stormceptor is designed for free oil removal and not emulsified or dissolved oil conditions.

5.0 *Recommended Safety Procedures*

CSR strongly recommends that any person who enter a Stormceptor System follow all applicable OSHA regulations for entry and work in permit required confined spaces, as outlined in 29 CFR 1910.146. A permit required confined space consists of a space that:

- Is large enough and so configured that an employee can bodily enter and perform assigned work.
- Has limited or restricted means for entry and exit.
- Is not designed for continuous employee occupancy.
- Contains or has one of the following:
  - a potential to contain a hazardous atmosphere.
  - a material that has the potential for engulfing an entrant.
  - any other recognized serious safety hazard.

Storm water and wastewater systems fall under the OSHA guidelines for a permit required confined space. Failure to follow OSHA guidelines for entry and work in a permit required confined space can result in serious injury or death. Please exercise extreme caution and follow appropriate safety procedures when entering any confined space.

Two square pick holes in the cover vent the Stormceptor, allow for removal of the cover, and provide sampling ports for air quality monitoring before the cover is removed. If you must enter the Stormceptor, please note that if the disc insert inside is wet, it can be slippery.

Recognizing that every work site is different, the responsibility for safety falls on the contractor. The contractor must ensure that all employees and subcontractors follow established safety procedures and OSHA regulations for working in and around permit required confined spaces as well as for any other safety hazard that may be present on that particular site.

6.0 *Stormceptor Monitoring Protocol*

If monitoring of your Stormceptor System is required, we recommend you follow the procedures outlined below by the CSR Stormceptor office. If you have any questions regarding monitoring please contact the CSR Stormceptor Technical Director at (800) 909-7763.

6.1 *Pollutants to be Monitored*

Table 4 indicates the pollutants to be monitored during the storm events and the minimum acceptable detection limit for each pollutant to be analyzed. Approved federal or state laboratory analysis methodologies are to be used for the analysis.

The optional metals indicated in Table 4 refer to the Resource Conservation Recovery Act and may be covered by a generic metals scan. Bacteria monitoring will not be required unless explicitly requested elsewhere.

Two sediment samples are to be extracted from the monitored Stormceptor at the end of the study and analyzed for the particle size distribution and water content. A minimum of 8 U.S. Sieve sizes is to be used to determine the particle size distribution. Sieves that are used must include, but are not limited to 35, 60, 100, 140, 200, 270, and 400. Three clay particle sizes must be analyzed to denote particle sizes between 5 and 25 µm. The particle size distributions should be plotted on a standard grain size distribution graph.

Table 4. Monitoring Pollutants	
Pollutant	**Minimum Detection Limit (MDL)**
Total Suspended Solids (TSS)	5 mg/l
Total Phosphorus (P)	0.02 mg/l
Total Kjeldahl Nitrogen (TKN)	0.1 mg/l
Copper (Cu)	0.001 mg/l
Cadmium (Cd)	0.005 mg/l
Lead (Pb)	0.05 mg/l
Zinc (Zn)	0.01 mg/l
Chromium (Cr)	0.01 mg/l
Total Petroleum Hydrocarbons (TPH)	1 mg/l
Conductivity	0.1 µmho/cm
Fecal Coliform*	1/100 ml
Additional Metals (optional)	
Arsenic (As)	0.005 mg/l
Barium (Ba)	0.01 mg/l
Mercury (Hg)	0.0005 mg/l
Selenium (Se)	0.005 mg/l
Silver (Ag)	0.01 mg/l

* only if explicitly requested in Terms of Reference

6.2 *Monitoring Methodology*

The following monitoring protocol should be followed to ensure reasonable monitoring results and interpretation:

- Monitoring protocols should conform to **EPA 40 CFR Part 136.**
- The **EPA guideline of 72 hours dry period** prior to a monitoring event should be used. This will ensure that there is sufficient pollutant build-up available for wash-off during the monitored event.
- Flow proportional monitoring must be conducted for the parameters indicated in Table 1. Samples should be analyzed separately for the first flush versus the remainder of the storm event. Monitoring need not extend longer than an 8-hour period after the start of the storm event (composite).
- **Sediment sampling** (measuring the sediment depth in the unit at the beginning and end of the monitoring period) must be conducted. The water content of the sediment layer must be analyzed to determine the dry volume of suspended solids. Sediment depth sampling will indicate the rate of pollution accumulation in the unit, provide confirmation that the unit is not scouring and confirm the flow proportional monitoring results. A mass balance using the sediment sampling should be calculated to validate the flow proportional sampling.

- **Grab sampling** (just taking samples at the inlet and outlet) is an unacceptable methodology for testing the performance of the Stormceptor during wet weather conditions unless it is flow weighted (flow weighted composite sample from numerous grab samples) over the entire storm.
- The oil containment area underneath the insert should be inspected via the vent pipe for dry weather spills capture once a month during the monitoring period since the flow rate of a dry weather spill may not trigger the automated samplers.
- A tipping bucket rain gauge should be installed on-site to record the distribution of storm intensities and rainfall volume during the monitored events.
- Results that are within the laboratory error (both inlet and outlet) or are representative of relatively clean water should be discarded. Typical concentrations of pollutants in storm water are:

TSS	100 mg/L
Total P	0.33 mg/L
TKN	1.50 mg/L
Total Cu	34 µg/L
Total Pb	144 µg/L
Total Zn	160 µg/L

A threshold first flush/composite TSS value of 50 mg/L at the inlet to the Stormceptor should be used as the lower limit of an acceptable storm for reporting event efficiency. Monitoring results where the influent TSS concentration is less than 50 mg/L should only be used in mass load removal calculations over the entire monitoring period with other storms where the influent concentration is greater than 50 mg/L. The results should not be analyzed if the influent TSS concentrations during all monitored storms are less than 50 mg/L. Storms where the influent TSS concentration is less than 10 mg/L should be discarded from all analyses.

- A threshold storm event volume equal to 1.5 times the storage volume of the Stormceptor being monitored should be used as the lower limit of an acceptable storm for monitoring.
- Sampling at the outlet of the Stormceptor should be conducted within the 24" outlet riser pipe to accurately define event performance.
- The personnel monitoring the Stormceptor should record incidental information in a log file. Information such as weather, site conditions, inspection and maintenance information, monitoring equipment failure, etc. provide valuable information that can explain anomalous results.
- Laboratory results of monitored samples should be analyzed within 10 days of being submitted to the lab.
- Weekly inspections of the sampling tubes, flow meter, rain gauge, and quality samplers should be conducted to ensure proper operation of the monitoring equipment. Debris and sediment that collects around the sampling intakes should be cleaned after each event.
- During the installation of automated quality samplers, care should be exercised to ensure that representative samples will be extracted (placement of intakes, ensuring that tubing is not constricted or crimped).
- Sampling should be conducted for a minimum of 6 storms. Ideally 15 storms should be sampled if the budget allows.

Call the Stormceptor Information Line (800-909-7763) for more detailed information and test results.

TECHNICAL INFORMATION:

- Stormceptor CD ROM
- Stormceptor Technical Manual
- Stormceptor Installation Guide
- Stormceptor Brochure

TEST RESULTS:

- STEP Report (Independent Verification)
- University of Coventry Study
- ETV Canada (Federal Verification)
- National Water Research Institute Test
- Westwood, MA Field Monitoring Study
- Edmonton, Canada Field Monitoring Study
- Seattle Field Monitoring
- Como Park, MN Field Monitoring Study
- Florida Atlantic University Submerged Stormceptor Testing
- Oil Removal Field Validation
- Sludge Analyses and Particle Size Analysis

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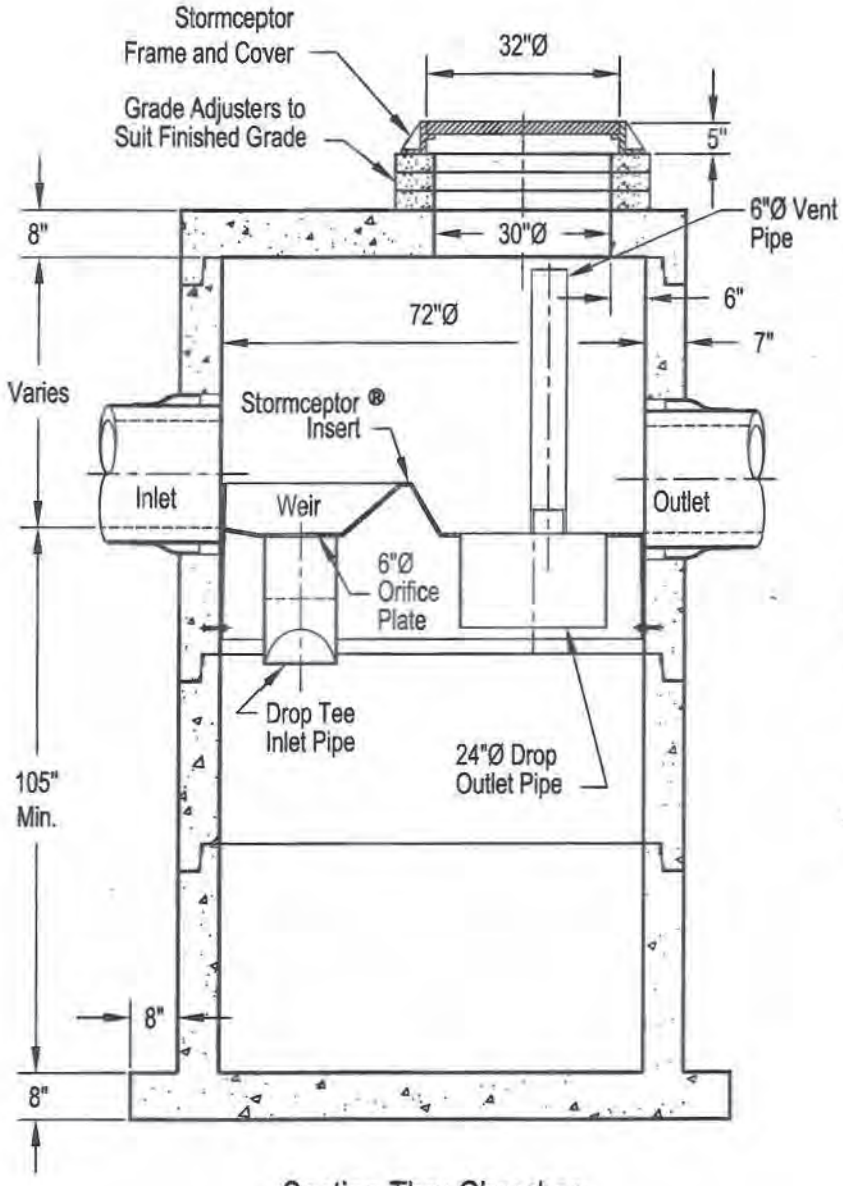
Rev. 10/2000

Section VI Location Map, Plot Plan & BMP Details

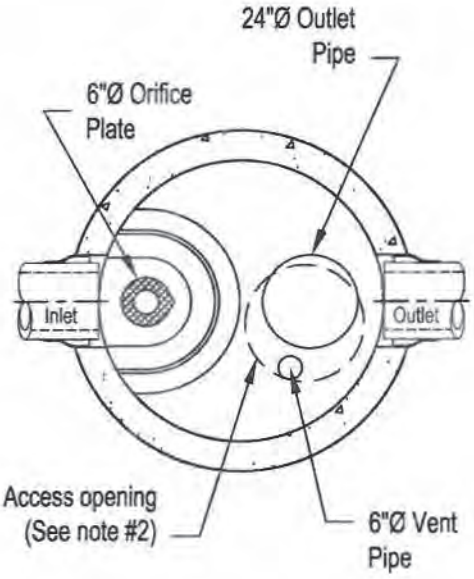
Appendix A

STC 1800 Precast Concrete Stormceptor®

(1800 US Gallon Capacity)



Section Thru Chamber



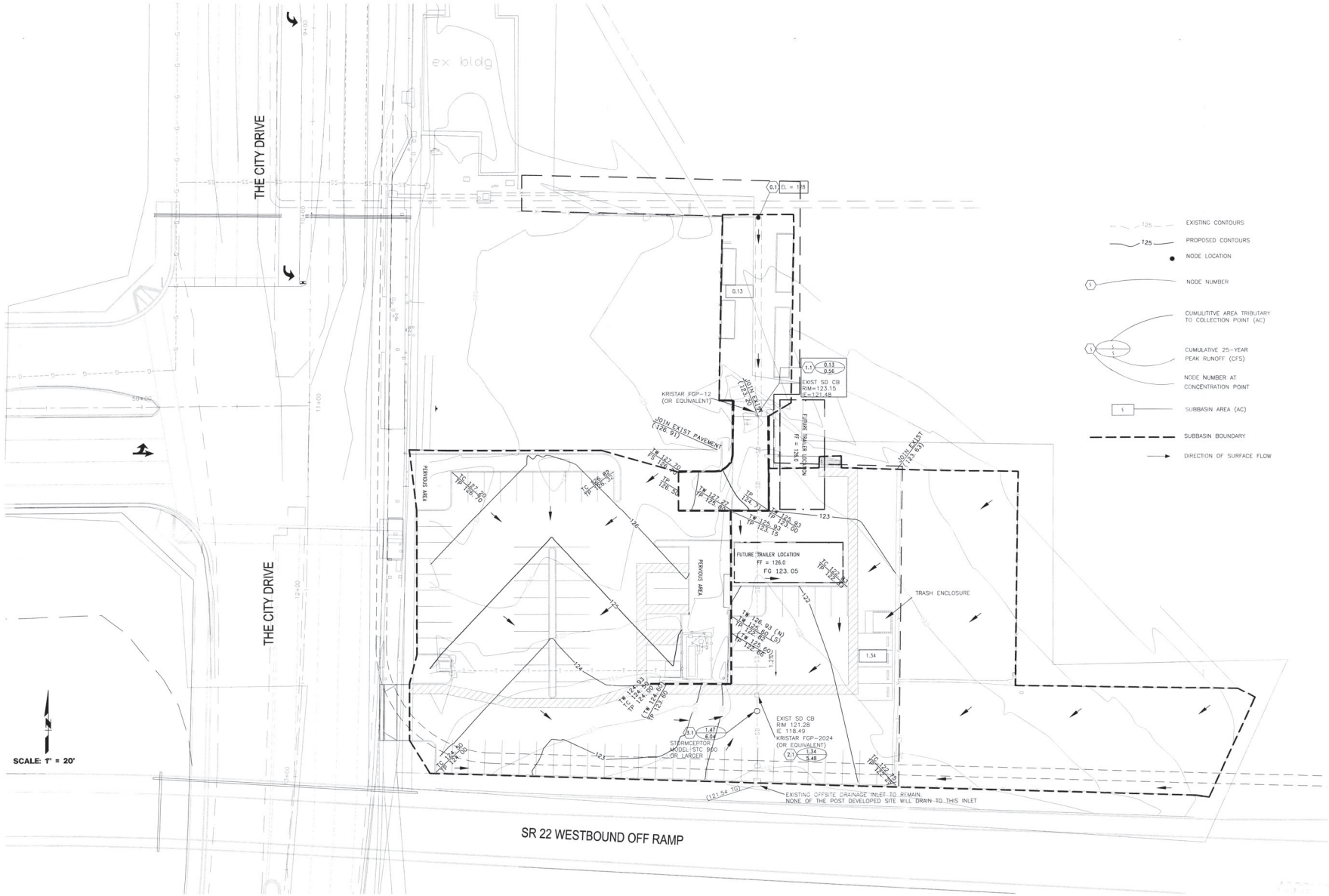
Plan View

Notes:

1. The Use Of Flexible Connection is Recommended at The Inlet and Outlet Where Applicable.
2. The Cover Should be Positioned Over The Outlet Drop Pipe and The Vent Pipe.
3. The Stormceptor System is protected by one or more of the following U.S. Patents: #4985148, #5498331, #5725760, #5753115, #5849181, #6068765, #6371690.
4. Contact a Hydro Conduit representative for further details not listed on this drawing.

DRAINAGE STUDY - POST DEVELOPED CONDITIONS

ORANGE COUNTY RDMD - HCA ANIMAL SHELTER
561 THE CITY DRIVE, ORANGE CALIFORNIA



County of Orange
RDMD
Architecture & Engineering

Revisions

Sym.	Descrip.	Date	By

Consultants
DMJM HARRIS AECOM
ORANGE, CALIFORNIA 92868-4786
PHONE (714) 567-2400
FAX (714) 567-2441

Drawn | Chkd. | Date

A-E Seal

A-E

Design | Chkd. | Date

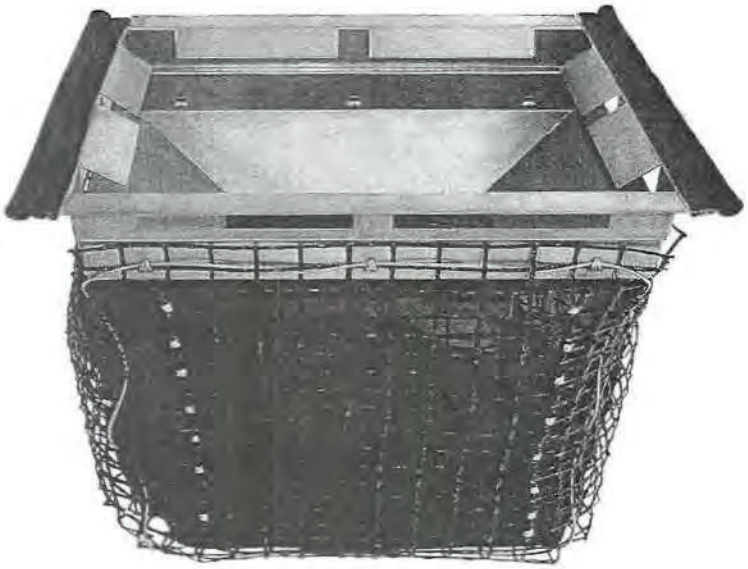
Sht Title DRAINAGE STUDY - POST DEVELOPED
Project ANIMAL CONTROL FACILITY FOR ORANGE COUNTY HCA THE CITY DRIVE WIDENING
PROJ. NO. 60004988

Plan No.

Sheet

of

Innovative stormwater management products



KRISTAR

FloGard® +PLUS

Catch Basin Insert Filter

FloGard®+PLUS Catch Basin Insert Filter

GENERAL FILTER CONFIGURATION

FloGard®+PLUS catch basin insert filter shall provide solids filtration through a filter screen or filter liner, and hydrocarbon capture shall be effected using a non-leaching absorbent material contained in a pouch or similar removable restraint. Hydrocarbon absorbent shall not be placed at an exposed location at the entry to the filter that would allow blinding by debris and sediment without provision for self-cleaning in operation.

Filter shall conform to the dimensions of the inlet in which it is applied, allow removal and replacement of all internal components, and allow complete inspection and cleaning in the field.

FLOW CAPACITY

Filter shall provide two internal high-flow bypass locations that in total exceed the inlet peak flow capacity. Filter shall provide filtered flow capacity in excess of the required "first flush" treatment flow. Unit shall not impede flow into or through the catch basin when properly sized and installed.

MATERIALS

Filter support frame shall be constructed of type 304 stainless steel. Filter screen, when used in place of filter liner, shall be type 304 or 316 stainless steel, with an apparent opening size of not less than 4 U.S. mesh. Filter liner, when used in place of filter screen, shall be woven polypropylene geotextile fabric liner with an apparent opening size (AOS) of not less than 40 U.S. mesh as determined by ASTM D 4751. Filter liner shall include a support basket of polypropylene geogrid with stainless steel cable reinforcement.

Filter frame shall be rated at a minimum 25-year service life. All other materials, with the exception of the hydrocarbon absorbent, shall have a rated service life in excess of 2 years.

FloGard®+PLUS TEST RESULTS SUMMARY

Testing Agency	% TSS Removal	% Oil and Grease Removal	% PAH Removal
UCLA	80	70 to 80	
U of Auckland Tonking & Taylor Ltd. (for city of Auckland)	78 to 95		
U of Hawaii (for city of Honolulu)	80		20 to 40

FEATURES

- Easy to install, inspect and maintain
- Can be retrofitted to existing drain catch basins – or used in new projects
- Economical and efficient
- Catches pollutants where they are easiest to catch (at the inlet)
- No standing water – minimizes vector, bacteria and odor problems
- Can be incorporated as part of a "Treatment Train"

BENEFITS

- Lower installation, inspection and maintenance costs
- Versatile installation applications
- Higher return on investment
- Allows for installation on small and confined sites
- Minimizes vector, bacteria and odor problems
- Allows user to target specific pollutants

Innovative stormwater management products

FloGard® +PLUS

Catch Basin Insert Filter



KRISTAR

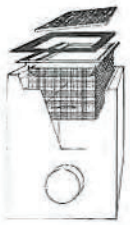
INSTALLATION AND MAINTENANCE

Filter shall be installed and maintained in accordance with manufacturer's general instructions and recommendations.

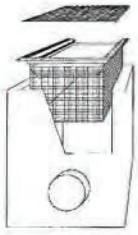
PERFORMANCE

Filter shall provide 80% removal of total suspended solids (TSS) from treated flow with a particle size distribution consistent with typical urban street deposited sediments. Filter shall capture at least 70% of oil and grease and 40% of total phosphorus (TP) associated with organic debris from treated flow. Unit shall provide for isolation of trapped pollutants, including debris, sediments, and floatable trash and hydrocarbons, from bypass flow such that re-suspension and loss of pollutants is minimized during peak flow events.

FloGard+PLUS Combination Inlet



FloGard+PLUS Flat Grate



FloGard+PLUS Round Gated Inlet



FloGard®+PLUS COMPETITIVE FEATURE COMPARISON

Evaluation of FloGard+PLUS Units (Based on flow-comparable units) (Scale 1-10, 10 being best)	FloGard+PLUS	Other Insert Filter Types**
Flow Rate	10	7
Removal Efficiency*	80%	45%
Capacity – Sludge and Oil	7	7
Service Life	10	3
Installation – Ease of Handling / Installation	8	6
Ease of Inspections & Maintenance	7	7
Value	**10**	**2**

*approximate, based on field sediment removal testing in urban street application **average

Long-Term Cost Comparison (Scale 1-10, 10 being lowest cost, higher number being best)	FloGard+PLUS	Other Insert Filter Types
Unit cost — initial ($/cfs treated)	10	4
Installation cost ($/cfs treated)	9	6
Adsorbent replacement (annual avg $/cfs treated)	10	2
Unit materials replacement (annual avg $/cfs treated)	10	10
Maintenance cost (annual avg $/cfs treated)	9	6
Total first yr ($/cfs treated)	10	5
Total Annual Avg ($/cfs treated, avg over 20 yrs)*	**10**	**5**

*assumes 3% annual inflation



Captured debris from FloGard+PLUS, Dana Point, CA

KriStar Enterprises, Inc.
P.O. Box 6419
Santa Rosa, CA 95406-1419

PH: 800-579-8819
FAX: 707-524-8186
www.kristar.com

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FGP-T 11.19.18.04.2M

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GENERAL SPECIFICATIONS FOR MAINTENANCE OF *FLO-GARD+PLUS*® CATCH BASIN INSERT FILTERS

SCOPE:

Federal, State and Local Clean Water Act regulations and those of insurance carriers require that stormwater filtration systems be maintained and serviced on a recurring basis. The intent of the regulations is to ensure that the systems, on a continuing basis, efficiently remove pollutants from stormwater runoff thereby preventing pollution of the nation's water resources. These specifications apply to the FloGard+Plus® Catch Basin Insert Filter.

RECOMMENDED FREQUENCY OF SERVICE:

Drainage Protection Systems (DPS) recommends that installed Flo-Gard+Plus® Catch Basin Insert Filters be serviced on a recurring basis. Ultimately, the frequency depends on the amount of runoff, pollutant loading and interference from debris (leaves, vegetation, cans, paper, etc.); however, it is recommended that each installation be serviced a minimum of three times per year, with a change of filter medium once per year. DPS technicians are available to do an on-site evaluation, upon request.

RECOMMENDED TIMING OF SERVICE:

DPS guidelines for the timing of service are as follows:

1. For areas with a definite rainy season: Prior to, during and following the rainy season.
2. For areas subject to year-round rainfall: On a recurring basis (at least three times per year).
3. For areas with winter snow and summer rain: Prior to and just after the snow season and during the summer rain season.
4. For installed devices not subject to the elements (washracks, parking garages, etc.): On a recurring basis (no less than three times per years).

SERVICE PROCEDURES:

1. The catch basin grate shall be removed and set to one side. The catch basin shall be visually inspected for defects and possible illegal dumping. If illegal dumping has occurred, the proper authorities and property owner representative shall be notified as soon as practicable.
2. Using an industrial vacuum, the collected materials shall be removed from the liner. (Note: DPS uses a truck-mounted vacuum for servicing Flo-Gard+Plus® catch basin inserts.)
3. When all of the collected materials have been removed, the filter medium pouches shall be removed by unsnapping the tether from the D-ring and set to one side. The filter liner, gaskets, stainless steel frame and mounting brackets, etc. shall be inspected for continued serviceability. Minor damage or defects found shall be corrected on-the-spot and a notation made on the Maintenance Record. More extensive deficiencies that affect the efficiency of the filter (torn liner, etc.), if approved by the customer representative, will be corrected and an invoice submitted to the representative along with the Maintenance Record.
4. The filter medium pouches shall be inspected for defects and continued serviceability and replaced as necessary and the pouch tethers re-attached to the liner's D-ring. See below.
5. The grate shall be replaced.

REPLACEMENT AND DISPOSAL OF EXPOSED FILTER MEDIUM AND COLLECTED DEBRIS

The frequency of filter medium pouch exchange will be in accordance with the existing DPS-Customer Maintenance Contract. DPS recommends that the medium be changed at least once per year. During the appropriate service, or if so determined by the service technician during a non-scheduled service, the filter medium pouches will be replaced with new pouches. Once the exposed pouches and debris have been removed, DPS has possession and must dispose of it in accordance with local, state and federal agency requirements.

Note: As the generator, the landowner is ultimately responsible for the proper disposal of the exposed filter medium and debris. Because the filter media likely contain petroleum hydrocarbons, heavy metals and other harmful pollutants, the materials must be treated as an EPA Class 2 Hazardous Waste and properly disposed of. DPS relieves the landowner of the actual disposal task, and provides certification of its completion in accordance with appropriate regulations.

DPS also has the capability of servicing all manner of catch basin inserts and catch basins without inserts, underground oil/water separators, stormwater interceptors and other such devices. All DPS personnel are highly qualified technicians and are confined space trained and certified. Call us at (888) 950-8826 for further information and assistance.

Section VII Educational Materials

Brochures: The following brochures must be reviewed by each employee on an annual basis and all practices adhered to.

"Proper Maintenance Practices for Your Business"

"Tips for Landscape and Gardening"

These brochures can be found at: www.ocwatersheds.com

or by calling:

(714) 834-6752

Table A-7.VI - 6
Treatment Control BMP Selection Matrix [1]

Pollutant of Concern	Treatment Control BMP Categories					
	Biofilters	Detention Basins	Infiltration Basins [2]	Wet Ponds or Wetlands	Filtration	Hydrodynamic Separator Systems [3]
Sediment Turbidity	H/M	H/M	H/M	H/M	H/M	H/M
Nutrients	L	H/M	H/M	H/M	H/M	L
Organic Compounds	U	U	U	U	H/M	L
Trash & Debris	L	H/M	U	U	H/M	H/M
Oxygen Demanding Substances	L	H/M	H/M	H/M	H/M	L
Bacteria & Viruses	U	U	H/M	U	H/M	L
Oil & Grease	H/M	H/M	U	U	H/M	L/M
Pesticides (non-soil bound)	U	U	U	U	U	L

(1) Cooperative periodic performance assessment may be necessary. This Treatment Control BMP table will be updated as needed and as knowledge of stormwater treatment BMPs improves.

(2) Including trenches and porous pavement.

(3) Also known as hydrodynamic devices and baffle boxes.

L: Low removal efficiency

H/M: High or medium removal efficiency

U: Unknown removal efficiency

Sources: Guidance Specifying Management Measures for Sources of Nonpoint Pollution in Coastal Waters (1993), National Stormwater Best Management Practices Database (2001), and Guide for BMP Selection in Urban Developed Areas (2001).

Biofilters include:

- Grass swales
- Grass strips
- Wetland vegetation swales
- Bioretention

Detention Basins include:

- Extended/dry detention basins with grass lining
- Extended/dry detention basins with impervious lining

Infiltration Basins include:

- Infiltration basins
- Infiltration trenches

Wet Ponds and Wetlands include:

- Wet ponds (permanent pool)
- Constructed wetlands

Filtration Systems include:

- Media filtration
- Sand filtration

Hydrodynamic Separation Systems include:

- Swirl Concentrators
- Cyclone Separators

7.I-1 Guidance for Preparing and Reviewing CEQA Initial Studies

Step 1: Consider the project characteristics as provided by the applicant

Review the project application and draft plan submittals, including location in a given watershed, site acreage, change in percent impervious surface area, and BMPs to be incorporated into the project design (from applicant's preliminary WQMP if available). It may be helpful to review **Table 7-I.1**, Priority Projects Categories. This table identifies "priority projects" that must consider the full range of BMPs into their project designs, due to their potential to contribute pollutants in stormwater discharges. Accordingly, applications for projects that fall into one of these categories should be carefully reviewed for potential stormwater/urban runoff impacts.

Table 7.I-1 Priority Projects Categories

1.	Residential development of 10 units or more
2.	Commercial and industrial development greater than 100,000 square feet including parking areas
3.	Automotive repair shop (SIC codes 5013, 5014, 5541, 7532-7534, and 7536-7539)
4.	Restaurant where the land area of development is 5,000 square feet or more including parking areas (SIC code 5812)
5.	***For San Diego Region*** - Hillside development greater than 5,000 square feet ***For Santa Ana Region*** - Hillside development on 10,000 square feet or more, which is located on areas with known erosive soil conditions or where natural slope in 25 percent or more
6.	Impervious surface of 2,500 square feet or more located within, directly adjacent to (within 200 feet), or discharging directly to receiving water within Environmentally Sensitive Areas[1].
7.	Parking lot area of 5,000 square feet or more, or with 15 or more parking spaces, and potentially exposed to urban runoff
8.	***For San Diego Region*** - Streets, roads, highways, and freeways which would create a new paved surface that is 5,000 square feet or greater

[1] Environmentally Sensitive Areas are shown in maps available from the County and cities

Step 2: Identify receiving waters

Review maps to determine all receiving waters that may receive runoff from the project site. This includes canyon drainages, natural open channels, lined drainage channels, storm drains, springs, creeks (ephemeral, perennial, intermittent), rivers, lakes, estuaries, lagoons, bays, surface reservoirs, groundwater basins, and the ocean. Available maps include General Plan (Resources Element), USGS topographic maps, RWQCB Water Quality Control Plan (Basin Plan), and NPDES flood control and Environmentally Sensitive Area (ESA) maps. Review of aerial photos, if available, is helpful.

Step 3: Determine the sensitivity of the receiving waters

Many sensitive receiving waters exist in Orange County and are regulated by a variety of federal, state and local laws and regulations. The ESA maps identify the location of Areas of

Table A-7.VI - 4
Source Control and Site Design Stormwater BMP Selection Matrix

Priority Project Category	Source Control BMPs [1]	Requirements Applicable to Individual Project Features (or Priority Project Categories) [2]							Site Design BMPs [3]
		Loading Dock Areas	Maintenance Bays	Vehicle Wash Areas	Outdoor Processing Areas	Equipment Wash Areas	Fueling Areas	Hillside Landscaping	
Detached Residential Development	R							R	C
Attached Residential Development	R			R				R	C
Commercial/ Industrial Development >100,000 ft²	R	R	R	R	R	R	R	R	C
Automotive Repair Shop	R	R	R	R		R	R		C
Restaurants	R	R				R		R	C
Hillside Development >5,000 ft² in SDRWQCB	R							R	C
Hillside Development >10,000 ft² in SARWQCB	R							R	C
→ **Parking Lots**	R							R	C
Streets, Highways & Freeways	R							R	C

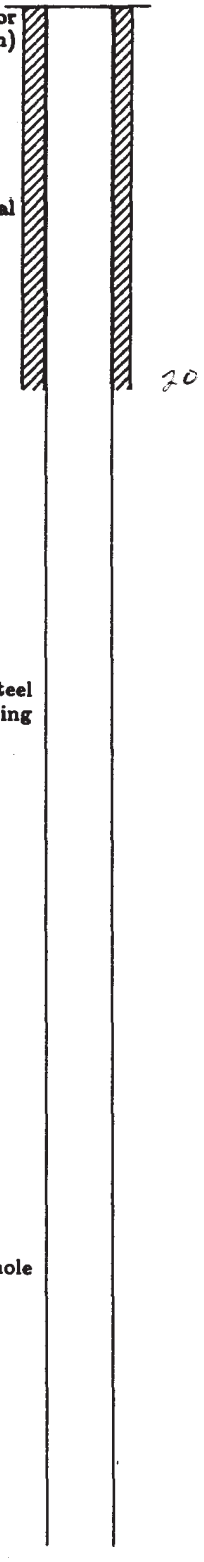
R = Required; select BMPs as required from the applicable steps in Section A-7.VI - 3.3.2 or equivalent.
C = Consider and select one or more applicable BMPs
(1) Required for all projects regardless of priority. Refer to Section A-7.VI - 3.3.2.
(2) Priority project categories must apply specific stormwater BMP requirements, where applicable. Projects are subject to the requirements of all priority project categories that apply.
(3) Refer to Section A-7.VI - 3.3.1.

4S/10W-36M1

Top of Casing NA

Equipment Air Rotary

Elevation NA Date 1/15/90



Depth ft	Sample	
0		BROWN SAND (SP) moist, medium to coarse grained, trace of fine gravel, clasts subrounded
10		
	16	BROWN SILTY SAND (SM) moist, fine to medium grained, trace of fine gravel
20		BROWN SAND (SP) moist
	22	
30		
	36	BROWN SAND WITH SILT (SP-SM) moist, fine grained
40		
50		increased silt
	58	BROWN SAND WITH GRAVEL (SP) moist, fine to medium grained, fine gravel, clasts subrounded
60		
	69	BROWN SILTY SAND (SM) moist, fine to medium grained, trace of fine gravel
70		BROWN SAND (SP) moist, medium to coarse grained, trace of silt and gravel
	72	
	77	BROWN SANDY SILT (ML) moist, fine- to medium-grained sand
80		

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Log of Boring OM- 2

(sheet 1 of 4)

Orange County Water District
Orange, California

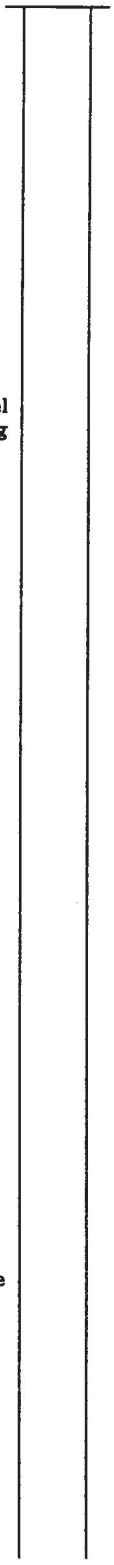
PLATE 4

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
HK	9859,055.11		3/90		

Top of Casing NA

Equipment Air Rotary

Elevation NA Date 1/15/90



Depth ft	Sample	
80		trace of fine gravel
90		
100		
110		decrease in sand
	113	LIGHT BROWN SAND (SP) dry, fine to medium grained, trace of coarse-grained sand and fine gravel
	117	GRAY GRAVEL WITH SAND (GP) saturated, fine grained, medium- to coarse-grained sand, clasts angular to subrounded
120		
	127	BROWN SAND WITH GRAVEL (SP) saturated, fine to medium grained, clasts subrounded, trace of silt
130		
	132	LIGHT BROWN SILTY SAND (SM) saturated, fine grained
	139	BROWN SANDY SILT (ML) wet, fine-grained sand
140		
150		
	156	BROWN SAND WITH GRAVEL (SP) saturated, fine to coarse grained, fine gravel, clasts angular
160		

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Log of Boring OM- 2

(sheet 2 of 4)

Orange County Water District
Orange, California

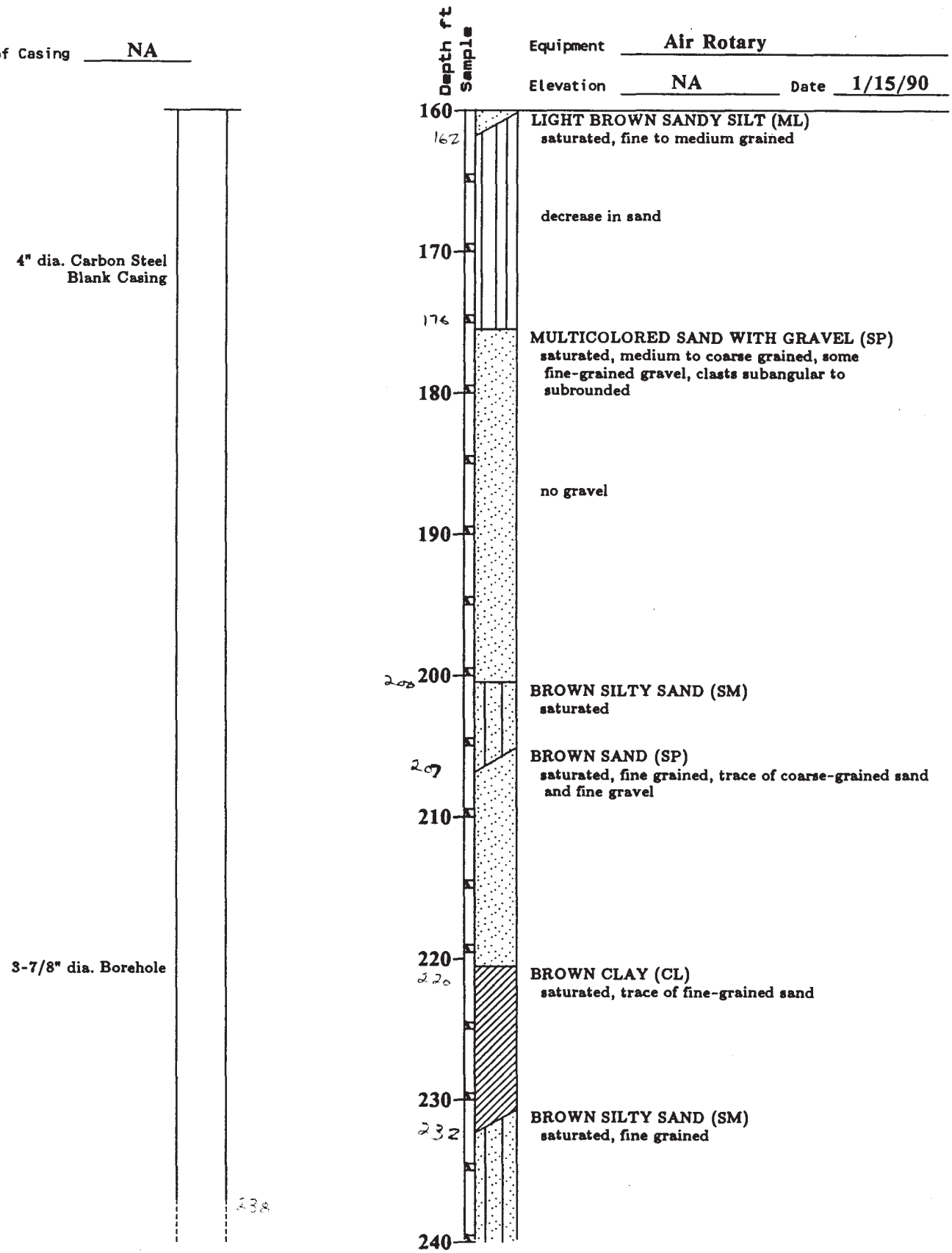
PLATE **4a**

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
HK	9859,055.11		3/90		

Top of Casing NA

Equipment Air Rotary

Elevation NA Date 1/15/90



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Log of Boring OM- 2

(sheet 3 of 4)

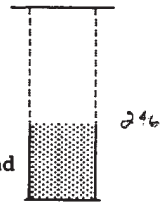
Orange County Water District
Orange, California

PLATE **4b**

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
HK	9859,055.11		3/90		

1438/01

Top of Casing NA



Monterey Sand

Bottom of 4" dia.
Carbon Steel
Blank Casing

Depth ft
Sample

Equipment Air Rotary

Elevation NA Date 1/15/90

240
242
BROWN SAND (SP)

saturated, fine grained, trace of gravel

250
Boring terminated at 250 feet.
Steel casing driven to 250.9 feet.
Ground water encountered at approximately 116 feet during drilling.
Boring converted to ground-water observation well on 1/19/90.

260

270

280

290

300

310

320

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Log of Boring OM- 2 (sheet 4 of 4)

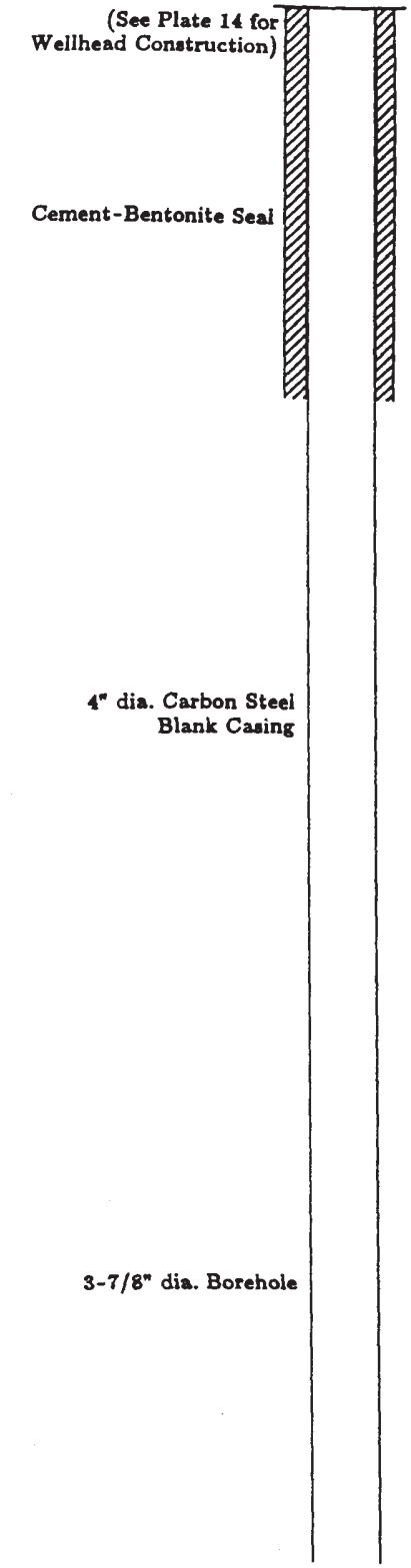
Orange County Water District
Orange, California

PLATE **4C**

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
HK	9859,055.11		3/90		

Station Name	Parameter Type	Parameter Name	Parameter Abbrev.	Sample Date	Sample Time	Result Text	RDL		Units
OM-2/1	ORGANIC	1,2,4-Trimethylbenzene	124TMB	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,2-Dichlorobenzene	12DCB	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,3,5-Trimethylbenzene	135TMB	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	2,2-Dichloropropane	22DCP	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Trichlorofluoromethane (Freon 11)	CCl3F	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Ethylbenzene	EtBENZ	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Total Xylenes (m,p,&o)	TOTALX	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,1,2,2-Tetrachloroethane	1122PC	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	m,p-Xylene	mp-XYL	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	tert-butyl alcohol	TBA	7/3/2006	10:25:00	ND		2	ug/L
OM-2A/1	FIELD	Field Oxidation-Reduction Potential	F-ORP	7/3/2006	9:55:00		-141	-1000	mV
OM-2A/1	ORGANIC	1,1,2,2-Tetrachloroethane	1122PC	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	1,3-Dichloropropane	13DCP	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	1,4-Dichlorobenzene	14DCB	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	2,2-Dichloropropane	22DCP	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Trichlorofluoromethane (Freon 11)	CCl3F	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Methylene Chloride	CH2Cl2	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Chloromethane	CH3Cl	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Dibromochloromethane	CHBr2C	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Bromoform	CHBr3	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Bromodichloromethane	CHBrCl	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	1,2-Dibromo-3-chloropropane	DBCP	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,2,4-Trichlorobenzene	124TCB	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,2-Dichloroethane	12DCA	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,2-Dichloropropane	12DCP	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,3-Dichloropropane	13DCP	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	cis-1,2-Dichloroethene	c12DCE	7/3/2006	10:25:00		2	0.5	ug/L
OM-2/1	ORGANIC	Bromochloromethane	CH2BrC	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Chloroform	CHCl3	7/3/2006	10:25:00	TR		0.5	ug/L
OM-2/1	ORGANIC	Propylbenzene	PRPBNZ	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	sec-Butylbenzene	sBBENZ	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,1,2-Trichloroethane	112TCA	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,1-Dichloroethane	11DCA	7/3/2006	10:25:00	TR		0.5	ug/L
OM-2/1	ORGANIC	Ethyl tert-butyl ether	ETBE	7/3/2006	10:25:00	ND		1	ug/L
OM-2A/1	FIELD	Field Electrical Conductivity	F-EC	7/3/2006	9:55:00		882	0	uS/cm
OM-2A/1	ORGANIC	1,1-Dichloroethene	11DCE	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	4-Chlorotoluene	4CLTOL	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Chloroform	CHCl3	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Ethylbenzene	EtBENZ	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	n-Butylbenzene	nBBENZ	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	m,p-Xylene	mp-XYL	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	tert-butyl alcohol	TBA	7/3/2006	9:55:00	ND		2	ug/L
OM-2A/1	ORGANIC	sec-Butylbenzene	sBBENZ	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Methyl Ethyl Ketone (MEK)	MEK	7/3/2006	9:55:00	ND		5	ug/L
OM-2/1	ORGANIC	Benzene	BENZ	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Dichlorodifluoromethane	CCl2F2	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Carbon tetrachloride	CCl4	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Chloromethane	CH3Cl	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Hexachlorobutadiene	HClBut	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	trans-1,3-Dichloropropene	t13DCP	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Methyl Ethyl Ketone (MEK)	MEK	7/3/2006	10:25:00	ND		5	ug/L
OM-2/1	ORGANIC	Methyl Isobutyl Ketone (MIBK)	MIBK	7/3/2006	10:25:00	ND		5	ug/L
OM-2/1	ORGANIC	Total 1,3-Dichloropropene	x13DCP	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Diisopropyl ether	DIPE	7/3/2006	10:25:00	ND		1	ug/L
OM-2A/1	ORGANIC	1,1,1,2-Tetrachloroethane	1112PC	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	1,2,3-Trichloropropane	123TCP	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	4-Isopropyltoluene	4IPTOL	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Benzene	BENZ	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	cis-1,2-Dichloroethene	c12DCE	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	o-Xylene	o-XYL	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Methyl tert-butyl ether	MTBE	7/3/2006	9:55:00	ND		0.2	ug/L
OM-2A/1	ORGANIC	Diisopropyl ether	DIPE	7/3/2006	9:55:00	ND		1	ug/L
OM-2A/1	ORGANIC	Propylbenzene	PRPBNZ	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Toluene	TOLU	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2/1	ORGANIC	4-Chlorotoluene	4CLTOL	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Trichlorotrifluoroethane (Freon 113)	Cl3F3E	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	o-Xylene	o-XYL	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Toluene	TOLU	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Total Trihalomethanes	TTHMs	7/3/2006	10:25:00	TR		0.5	ug/L
OM-2/1	ORGANIC	1,1,1-Trichloroethane	111TCA	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Nitrobenzene	NBENZ	7/3/2006	10:25:00	ND		10	ug/L
OM-2/1	ORGANIC	1,4-Dioxane	14DIOX	7/3/2006	10:25:00		22.5	1	ug/L
OM-2A/1	ORGANIC	1,1-Dichloropropene	11DCP	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	1,2,4-Trimethylbenzene	124TMB	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	1,2-Dichlorobenzene	12DCB	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	2-Chlorotoluene	2CLTOL	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2/1	ORGANIC	2-Chlorotoluene	2CLTOL	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Bromobenzene	BRBENZ	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Methylene Chloride	CH2Cl2	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Dibromochloromethane	CHBr2C	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Styrene	STYR	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	trans-1,2 Dichloroethene	t12DCE	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Trichloroethene	TCE	7/3/2006	10:25:00		10.9	0.5	ug/L
OM-2/1	ORGANIC	1,2,3-Trichlorobenzene	123TCB	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Tert-amyl methyl ether	TAME	7/3/2006	10:25:00	ND		1	ug/L
OM-2A/1	ORGANIC	1,3-Dichlorobenzene	13DCB	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Bromobenzene	BRBENZ	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Dichlorodifluoromethane	CCl2F2	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Bromomethane	CH3Br	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Chlorobenzene	CLBENZ	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Tetrachloroethene	PCE	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Tert-amyl methyl ether	TAME	7/3/2006	9:55:00	ND		1	ug/L
OM-2A/1	ORGANIC	trans-1,2 Dichloroethene	t12DCE	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	trans-1,3-Dichloropropene	t13DCP	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	tert-Butylbenzene	tBBENZ	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Total Xylenes (m,p,&o)	TOTALX	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Chlorobenzene	CLBENZ	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,2-Dibromo-3-chloropropane	DBCP	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,2-Dibromoethane	EDB	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,2,3-Trichloropropane	123TCP	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	bis (2-chloroethyl) ether	B2CLEE	7/3/2006	10:25:00	ND		5	ug/L
OM-2/1	ORGANIC	Methyl tert-butyl ether	MTBE	7/3/2006	10:25:00	ND		0.2	ug/L
OM-2A/1	ORGANIC	1,1,1-Trichloroethane	111TCA	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	1,2,4-Trichlorobenzene	124TCB	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	1,2-Dichloroethane	12DCA	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	1,2-Dichloropropane	12DCP	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Trichlorotrifluoroethane (Freon 113)	Cl3F3E	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Dibromomethane	CH2Br2	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	bis (2-chloroethyl) ether	B2CLEE	7/3/2006	9:55:00	ND		5	ug/L
OM-2A/1	ORGANIC	Methyl Isobutyl Ketone (MIBK)	MIBK	7/3/2006	9:55:00	ND		5	ug/L
OM-2/1	FIELD	Field Electrical Conductivity	F-EC	7/3/2006	10:25:00		594	0	uS/cm
OM-2/1	FIELD	Field Dissolved Oxygen	F-DO	7/3/2006	10:25:00		2.4	0	mg/L
OM-2/1	FIELD	Field Oxidation-Reduction Potential	F-ORP	7/3/2006	10:25:00		-183	-1000	mV
OM-2/1	ORGANIC	1,3-Dichlorobenzene	13DCB	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Dibromomethane	CH2Br2	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Bromomethane	CH3Br	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Bromodichloromethane	CHBrCl	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Chloroethane	ClETHA	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	n-Butylbenzene	nBBENZ	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Tetrachloroethene	PCE	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,1-Dichloropropene	11DCP	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2A/1	FIELD	Field Dissolved Oxygen	F-DO	7/3/2006	9:55:00		4.9	0	mg/L
OM-2A/1	FIELD	Field pH	F-pH	7/3/2006	9:55:00		7	0	UNITS
OM-2A/1	ORGANIC	1,1,2-Trichloroethane	112TCA	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	1,3,5-Trimethylbenzene	135TMB	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	cis-1,3-Dichloropropene	c13DCP	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Carbon tetrachloride	CCl4	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Hexachlorobutadiene	HClBut	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Nitrobenzene	NBENZ	7/3/2006	9:55:00	ND		10	ug/L
OM-2A/1	ORGANIC	Ethyl tert-butyl ether	ETBE	7/3/2006	9:55:00	ND		1	ug/L
OM-2A/1	ORGANIC	Styrene	STYR	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Trichloroethene	TCE	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Vinyl chloride	VNYLCL	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2/1	FIELD	Field pH	F-pH	7/3/2006	10:25:00		7.5	0	UNITS
OM-2/1	FIELD	Field Temperature	F-TEMP	7/3/2006	10:25:00		21.2	0	C
OM-2/1	ORGANIC	1,4-Dichlorobenzene	14DCB	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	4-Isopropyltoluene	4IPTOL	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	cis-1,3-Dichloropropene	c13DCP	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Bromoform	CHBr3	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Isopropylbenzene	ISPBNZ	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Naphthalene	NAP	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	tert-Butylbenzene	tBBENZ	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	Vinyl chloride	VNYLCL	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,1,1,2-Tetrachloroethane	1112PC	7/3/2006	10:25:00	ND		0.5	ug/L
OM-2/1	ORGANIC	1,1-Dichloroethene	11DCE	7/3/2006	10:25:00		5.3	0.5	ug/L
OM-2A/1	FIELD	Field Temperature	F-TEMP	7/3/2006	9:55:00		20.5	0	C
OM-2A/1	ORGANIC	1,1-Dichloroethane	11DCA	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	1,2,3-Trichlorobenzene	123TCB	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Bromochloromethane	CH2BrC	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Chloroethane	ClETHA	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	1,2-Dibromoethane	EDB	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Isopropylbenzene	ISPBNZ	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Naphthalene	NAP	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Total 1,3-Dichloropropene	x13DCP	7/3/2006	9:55:00	ND		0.5	ug/L
OM-2A/1	ORGANIC	Total Trihalomethanes	TTHMs	7/3/2006	9:55:00	ND		0.5	ug/L

Top of Casing NA



Equipment Air Rotary

Elevation NA Date 1/17/90

Depth ft	Sample	
0		BROWN SAND (SP) moist, fine to medium grained rough drilling at 3.5 to 4.0 feet, trace of gravel
10		
20		
30		DARK BROWN SILTY SAND (SM) moist, fine grained
		BROWN SAND (SP) moist, fine to medium grained, trace of silt
40		
		BROWN SILTY SAND (SM) moist, medium grained
50		
		BROWN SAND WITH GRAVEL (SP) moist, fine to coarse grained, fine gravel, clasts subangular to subrounded
60		LIGHT GRAY GRAVEL WITH SAND (GP) dry, fine gravel, fine- to coarse-grained sand, clasts angular to subrounded
		DARK BROWN SILTY SAND (SM) moist, fine to coarse grained
70		
		DARK BROWN SAND WITH GRAVEL (SP) moist, fine to medium grained, fine gravel
		DARK BROWN SANDY SILT (ML) moist, fine- to coarse-grained sand
80		

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring OM-2A (sheet 1 of 2)

Orange County Water District
Orange, California

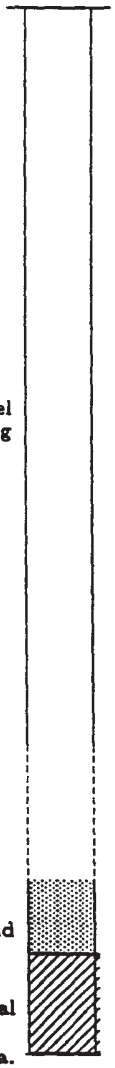
PLATE 5

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
HK	9859,055.11		3/90		

Top of Casing NA

Equipment Air Rotary

Elevation NA Date 1/17/90



Depth ft
Sample

80
90
100
110
120
130
140
150
160

BROWN SILTY SAND (SM)
moist, fine to medium grained

GRAY GRAVEL WITH SAND (GP)
wet, fine grained, medium- to coarse-grained sand, clasts angular to subrounded

BROWN SAND (SP)
saturated, fine to medium grained, trace of fine gravel

BROWN SILTY SAND (SM)
moist, fine to medium grained, trace of fine subrounded gravel

Boring terminated at 134.9 feet.
Steel casing driven to 130.0 feet.
Ground water encountered at approximately 116.0 feet during drilling.
Boring converted to ground-water observation well on 1/18/90.

Harding Lawson Associates
Engineers and Geoscientists

Log of Boring OM- 2A (sheet 2 of 2)

Orange County Water District
Orange, California

PLATE 5a

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED	DATE
HK	9859,055.11		3/90		

APPENDIX C

Environmental Database Report

561 The City Drive South
561 The City Drive South
Orange, CA 92868

Inquiry Number: 7606420.2s
March 27, 2024

The EDR Radius Map™ Report with GeoCheck®

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

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

561 THE CITY DRIVE SOUTH
ORANGE, CA 92868

COORDINATES

Latitude (North):	33.7802240 - 33˚ 46' 48.80''
Longitude (West):	117.8878350 - 117˚ 53' 16.20''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	417796.7
UTM Y (Meters):	3737948.5
Elevation:	127 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50006082 ANAHEIM, CA
Version Date:	2022
Northeast Map:	50005816 ORANGE, CA
Version Date:	2022

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200424
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
561 THE CITY DRIVE SOUTH
ORANGE, CA 92868

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	ANIMAL SHELTER - COU	561 CITY DRIVE	HWTS, HAZNET		TP
A2	ANIMAL SHELTER -COUN	561 CITY DR SOUTH	HWTS, NPDES		TP
A3	1X COUNTY OF ORANGE	561 THE CITY DRIVE	HWTS, HAZNET		TP
A4	COUNTY OF ORANGE OC	561 THE CITY DR S	HWTS, HAZNET		TP
A5	HCA ANIMAL CARE FACI	561 THE CITY DR	CIWQS		TP
A6	UNOCAL #5618	591 THE CITY DR	LUST, SWEEPS UST, CA FID UST, HIST CORTESE	Lower	1 ft.
A7	UNOCAL #5618	591 S THE CITY DR	UST FINDER RELEASE	Lower	1 ft.
A8	UNOCAL #5618	591 S THE CITY DR	LUST, Cortese, CERS	Lower	1 ft.
B9	FIRESTONE STORE #71F	3400 W METROPOLITAN	CA FID UST	Lower	83, 0.016, WSW
B10	FIRESTONE STORE	3400 W METROPOLITAN	HIST UST	Lower	83, 0.016, WSW
B11	FIRESTONE STORE	3400 W METRROPOLITAN	HIST UST	Lower	83, 0.016, WSW
B12	FORMER BRIDGESTONE F	3400 METROPOLITAN DR	LUST, Cortese, CERS	Lower	83, 0.016, WSW
B13	FORMER BRIDGESTONE F	3400 METROPOLITAN	UST FINDER RELEASE	Lower	83, 0.016, WSW
14	CITY SHOPPING CENTER	3400	HIST CORTESE	Lower	172, 0.033, NW
C15	ORANGE COUNTY SHERIF	501 THE CITY DR S	UST FINDER	Higher	466, 0.088, NNW
C16	ORANGE COUNTY SHERIF	501 THE CITY DR S	CERS TANKS, HWTS, HAZNET, CERS	Higher	466, 0.088, NNW
C17	ORANGE COUNTY SHERIF	501 THE CITY DR S	UST	Higher	466, 0.088, NNW
C18		501 THE CITY DR S	AST	Higher	466, 0.088, NNW
C19	THEO LACY JAIL EXPAN	501 CITY DRIVE SOUTH	SWEEPS UST, EMI	Higher	466, 0.088, NNW
C20	GSA SERVICE STATION	485 THE CITY DRIVE S	LUST, Cortese, HIST CORTESE, CERS	Higher	634, 0.120, NNW
C21	GSA SERVICE STATION	485 THE CITY DRIVE S	UST FINDER RELEASE	Higher	634, 0.120, NNW
C22	GSA/TRANSPORTATION S	485 THE CITY DRIVE S	HIST UST	Higher	634, 0.120, NNW
D23	SHERWIN-WILLIAMS #43	2941 N HESPERIAN ST	CERS HAZ WASTE, HWTS, HAZNET	Lower	754, 0.143, SE
D24	THE SHERWIN WILLIAMS	2941 N HESPERIAN UNI	RCRA-SQG, FINDS	Lower	754, 0.143, SE
D25	US SAMSON CONSTRUCTI	2941 N HESPERIAN ST	RCRA NonGen / NLR	Lower	754, 0.143, SE
E26	ELC MANAGEMENT LLC	625 THE CITY DRIVE S	RCRA NonGen / NLR	Lower	844, 0.160, SSW
E27	LASIK VISION INSTITU	625 THE CITY DR SOUT	RCRA NonGen / NLR	Lower	844, 0.160, SSW
28	UNION OIL SERVICE ST	591 CITY DRIVE SOUTH	HIST UST	Higher	868, 0.164, NE
F29	WESTERN NATIONAL PRO	630 CITY DRIVE SOUTH	CA FID UST, HIST CORTESE	Lower	872, 0.165, SW
F30	WESTERN NATIONAL PRO	630 CITY DRIVE SOUTH	SWEEPS UST	Lower	872, 0.165, SW
E31	PARK CITY CENTER	630 THE CITY	UST FINDER RELEASE	Lower	932, 0.177, SSW
D32	TESORO (ARCO) 63375	2940 N BRISTOL ST	UST FINDER	Higher	940, 0.178, SE
D33	TESORO (USA) 63375	2940 N BRISTOL ST	UST	Higher	940, 0.178, SE
D34	THRIFTY OIL #375	2940	LUST, HIST CORTESE	Higher	940, 0.178, SE
D35	THRIFTY OIL #375	2940 N BRISTOL ST	UST FINDER RELEASE	Higher	940, 0.178, SE
D36	THRIFTY OIL #375	2940 N BRISTOL ST	LUST, CERS HAZ WASTE, CA FID UST, CERS TANKS,...	Higher	940, 0.178, SE
D37	SPEEDWAY NO. 6375	2940 N BRISTOL ST	UST	Higher	940, 0.178, SE
D38	SPEEDWAY #6375	2940 N BRISTOL ST	RCRA NonGen / NLR	Higher	940, 0.178, SE
D39	TESORO (ARCO) 63375	2940 N BRISTOL ST	UST	Higher	940, 0.178, SE

MAPPED SITES SUMMARY

Target Property Address:
561 THE CITY DRIVE SOUTH
ORANGE, CA 92868

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
D40	ARCO STN 375	2940 N BRISTOL	SWEEPS UST, HIST UST	Higher	940, 0.178, SE
D41	ARCO 9739	2940 N. BRISTOL	UST	Higher	940, 0.178, SE
D42	TESORO REFINING & MA	2940 N BRISTOL ST	RCRA NonGen / NLR	Higher	940, 0.178, SE
D43	SPEEDWAY 6375 ARCO	2940 N BRISTOL ST	UST	Higher	940, 0.178, SE
F44	PARK CITY CENTER	630 THE CITY	LUST, HIST UST, Cortese, CERS	Lower	961, 0.182, SSW
F45	WELLTOWER ORANGE TEN	630 THE CITY DR S	RCRA NonGen / NLR	Lower	961, 0.182, SSW
F46	WESTERN NATIONAL PRO	630 THE CITY DR S #	LUST, HIST UST, HWTS	Lower	961, 0.182, SSW
G47	CHEVRON #9-1660	3048 BRISTOL ST	LUST	Higher	1012, 0.192, ESE
H48	OC SHERIFF'S DEPARTM	431 THE CITY DR S	RCRA NonGen / NLR	Higher	1049, 0.199, NNW
H49	ORANGEWOOD CHILDRENS	401 THE CITY DR	CERS TANKS, HWTS, HAZNET, CERS	Higher	1084, 0.205, NNW
G50	CITY GARDENS	2949 BRISTOL STREET	RCRA NonGen / NLR	Higher	1092, 0.207, ESE
I51	YOUTH GUIDANCE CENTE	3030 N HESPERIAN ST	CERS TANKS, CERS	Higher	1153, 0.218, ENE
I52	ORANGE COUNTY YOUTH	3030 N HESPERIAN ST	RCRA NonGen / NLR	Higher	1153, 0.218, ENE
53	NEXUS CITY SQUARE	770 CITY DRIVE SOUTH	UST, SWEEPS UST	Lower	1165, 0.221, SW
54	GARDEN GROVE SAND &		MINES MRDS	Lower	1241, 0.235, South
H55	ORANGE FIRE STATION	345 THE CITY DR S	AST	Higher	1288, 0.244, NNW
H56	ORANGE FIRE STATION	345 THE CITY DR S	CERS TANKS, CERS	Higher	1288, 0.244, NNW
H57		345 THE CITY DRIVE S	AST	Higher	1288, 0.244, NNW
H58	BETTY LOW HAMOREAUX	341 THE CITY DRIVE S	UST	Higher	1301, 0.246, NNW
H59	BETTY LOU LAMOREAUX	341 THE CITY DR S	CERS TANKS, CERS	Higher	1301, 0.246, NNW
H60	JUDICIAL COUNCIL OF	341 THE CITY DR.	RCRA NonGen / NLR	Higher	1301, 0.246, NNW
H61	BETTY LOU LAMOREAUX	341 THE CITY DR.	RCRA NonGen / NLR	Higher	1301, 0.246, NNW
H62	BETTY LOU LAMOREAUX	341 THE CITY DR S	AST	Higher	1301, 0.246, NNW
H63	LAMOREAUX JUV JUSTIC	341 THE CITY DRIVE S	SWEEPS UST, CA FID UST	Higher	1301, 0.246, NNW
H64	JUDICIAL COUNCIL OF	341 THE CITY DRIVE	RCRA NonGen / NLR	Higher	1301, 0.246, NNW
H65	JUDICIAL COUNCIL OF	341 THE CITY DR S	RCRA NonGen / NLR	Higher	1301, 0.246, NNW
H66	JUDICIAL COUNCIL OF	341 THE CITY DR.	RCRA NonGen / NLR	Higher	1301, 0.246, NNW
67	CITY MALL THE	1 CITY BLVD	RCRA-SQG, FINDS, ECHO	Lower	1310, 0.248, West
68	BRISTOL PLAZA	BRISTOL STREET	CPS-SLIC	Higher	1473, 0.279, East
J69	NEXUS CITY SQUARE	770 THE CITY DRIVE S	UST FINDER RELEASE	Lower	1836, 0.348, SW
J70	NEXUS CITY SQUARE	770 THE CITY DRIVE S	LUST, Cortese, HIST CORTESE, CERS	Lower	1836, 0.348, SW
J71	NEXUS CITY SQUARE	770 THE CITY DRIVE S	LUST	Lower	1836, 0.348, SW
72	FORMER CECILIA'S CLE	840 THE CITY DRIVE S	ENVIROSTOR, VCP, Orange Co. Industrial Site	Lower	1844, 0.349, SSW
K73	U C IRVINE MEDICAL C	101 THE CITY DRIVE S	UST FINDER RELEASE	Higher	1850, 0.350, NNW
K74	UCI MEDICAL CENTER	101 THE CITY	LUST, CHMIRS, Cortese, HWTS, HAZNET, CERS	Higher	1850, 0.350, NNW
K75	UCI MEDICAL CENTER	101 THE CITY	UST FINDER RELEASE	Higher	1850, 0.350, NNW
K76	U C IRVINE MEDICAL C	101 THE CITY DRIVE S	LUST, Cortese	Higher	1850, 0.350, NNW
L77	CHEVRON #9-8787	2702 BRISTOL ST	LUST, HIST CORTESE	Lower	2312, 0.438, SSE
L78	CHEVRON #9-8787	2702 N BRISTOL ST	UST FINDER RELEASE	Lower	2312, 0.438, SSE

MAPPED SITES SUMMARY

Target Property Address:
561 THE CITY DRIVE SOUTH
ORANGE, CA 92868

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
L79	CHEVRON #9-8787	2702 N BRISTOL ST	LUST, Cortese, CERS	Lower	2312, 0.438, SSE
L80	MEMORY LANE CLEANERS	2705 N BRISTOL ST ST	CPS-SLIC, HWTS, HAZNET	Lower	2366, 0.448, SSE
L81	EXXON SERVICE STATIO	2701 N BRISTOL	LUST, CA FID UST, Cortese, CERS	Lower	2378, 0.450, SSE
L82	EXXON SERVICE STATIO	2701 BRISTOL ST	LUST	Lower	2378, 0.450, SSE
L83	EXXON SERVICE STATIO	2701 N BRISTOL ST	UST FINDER RELEASE	Lower	2378, 0.450, SSE
L84	SHELL OIL STATION	2641 BRISTOL STREET,	UST FINDER RELEASE	Lower	2583, 0.489, SSE
M85	SHELL #2641	2641 N BRISTOL ST	UST FINDER RELEASE	Lower	2614, 0.495, SSE
M86	SHELL #2641	2641 N BRISTOL ST	LUST, CA FID UST, Cortese, CERS	Lower	2614, 0.495, SSE
M87	SHELL SERVICE STATIO	2641 BRISTOL	LUST, HIST CORTESE	Lower	2614, 0.495, SSE
M88	SHELL OIL STATION	2641 BRISTOL STREET,	LUST, Cortese, CERS	Lower	2618, 0.496, SSE
89	THE CITY PLACE NORTH	3745 WEST CHAPMAN AV	ENVIROSTOR	Higher	3313, 0.627, NNW
90	LORIN GRISET NEW ELE	2800 NORTH FARMERS D	ENVIROSTOR, SCH	Higher	4229, 0.801, ESE
91	GATEWAY APARTMENTS I	2020,2034,2040 & 210	ENVIROSTOR, VCP	Higher	5109, 0.968, North

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
ANIMAL SHELTER - COU 561 CITY DRIVE ORANGE, CA 92668	HWTS HAZNET GEPAID: CAL000127733	N/A
ANIMAL SHELTER -COUN 561 CITY DR SOUTH ORANGE, CA 92668	HWTS NPDES	N/A
1X COUNTY OF ORANGE 561 THE CITY DRIVE ORANGE, CA 92668	HWTS HAZNET GEPAID: CAC000204713	N/A
COUNTY OF ORANGE OC 561 THE CITY DR S ORANGE, CA 92868	HWTS HAZNET GEPAID: CAC002662882	N/A
HCA ANIMAL CARE FACI 561 THE CITY DR ORANGE, CA 92868	CIWQS	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

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

Lists of Federal Delisted NPL sites

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

EXECUTIVE SUMMARY

Lists of Federal sites subject to CERCLA removals and CERCLA orders

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

Lists of Federal CERCLA sites with NFRAP

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

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS..... Corrective Action Report

Lists of Federal RCRA TSD facilities

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

Lists of Federal RCRA generators

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

Federal institutional controls / engineering controls registries

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

Federal ERNS list

ERNS..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE..... State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

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

Lists of state and tribal leaking storage tanks

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

Lists of state and tribal registered storage tanks

FEMA UST..... Underground Storage Tank Listing
INDIAN UST..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---------- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---------- Historical Calsites Database
SCH ---------- School Property Evaluation Program
CDL ---------- Clandestine Drug Labs
Toxic Pits ---------- Toxic Pits Cleanup Act Sites
US CDL ---------- National Clandestine Laboratory Register

Local Land Records

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

Records of Emergency Release Reports

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

Other Ascertainable Records

FUDS ---------- Formerly Used Defense Sites
DOD ---------- Department of Defense Sites
SCRD DRYCLEANERS ------ State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---------- Financial Assurance Information
EPA WATCH LIST ---------- EPA WATCH LIST
2020 COR ACTION ---------- 2020 Corrective Action Program List
TSCA ---------- Toxic Substances Control Act
TRIS ---------- Toxic Chemical Release Inventory System
SSTS ---------- Section 7 Tracking Systems
ROD ---------- Records Of Decision
RMP ---------- Risk Management Plans

RAATS	RCRA Administrative Action Tracking System
PRP	Potentially Responsible Parties
PADS	PCB Activity Database System
ICIS	Integrated Compliance Information System
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS	Material Licensing Tracking System
COAL ASH DOE	Steam-Electric Plant Operation Data
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER	PCB Transformer Registration Database
RADINFO	Radiation Information Database
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS	Incident and Accident Data
CONSENT	Superfund (CERCLA) Consent Decrees
INDIAN RESERV	Indian Reservations
FUSRAP	Formerly Utilized Sites Remedial Action Program
UMTRA	Uranium Mill Tailings Sites
LEAD SMELTERS	Lead Smelter Sites
US AIRS	Aerometric Information Retrieval System Facility Subsystem
US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
FINDS	Facility Index System/Facility Registry System
ECHO	Enforcement & Compliance History Information
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
PFAS NPL	Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES	Federal Sites PFAS Information
PFAS TRIS	List of PFAS Added to the TRI
PFAS TSCA	PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR	PFAS Contamination Site Location Listing
PFAS WQP	Ambient Environmental Sampling for PFAS
PFAS NPDES	Clean Water Act Discharge Monitoring Information
PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAINING	Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing
BIOSOLIDS	ICIS-NPDES Biosolids Facility Data
PFAS	PFAS Contamination Site Location Listing
AQUEOUS FOAM	Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
CHROME PLATING	Chrome Plating Facilities Listing
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
ICE	Inspection, Compliance and Enforcement
HWP	EnviroStor Permitted Facilities Listing
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database

Notify 65 ---------- Proposition 65 Records
HAZMAT ---------- Hazardous Material Facilities
UIC ---------- UIC Listing
UIC GEO ---------- UIC GEO (GEOTRACKER)
WASTEWATER PITS ---------- Oil Wastewater Pits Listing
WDS ---------- Waste Discharge System
WIP ---------- Well Investigation Program Case List
MILITARY PRIV SITES ---------- MILITARY PRIV SITES (GEOTRACKER)
PROJECT ---------- PROJECT (GEOTRACKER)
WDR ---------- Waste Discharge Requirements Listing
CERS ---------- CERS
NON-CASE INFO ---------- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS ---------- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---------- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---------- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---------- Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

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

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal RCRA generators

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 12/04/2023 has revealed that there are 2 RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
THE SHERWIN WILLIAMS EPA ID:: CAD983670886	***2941 N HESPERIAN UNI***	***SE 1/8 - 1/4 (0.143 mi.)***	***D24***	***70***
CITY MALL THE EPA ID:: CAD981419161	***1 CITY BLVD***	***W 1/8 - 1/4 (0.248 mi.)***	***67***	***190***

Lists of state- and tribal hazardous waste facilities

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/23/2023 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THE CITY PLACE NORTH Status: Refer: 1248 Local Agency Facility Id: 30000017	3745 WEST CHAPMAN AV	NNW 1/2 - 1 (0.627 mi.)	89	245
LORIN GRISET NEW ELE Status: Certified Facility Id: 30010010	***2800 NORTH FARMERS D***	***ESE 1/2 - 1 (0.801 mi.)***	***90***	***246***
GATEWAY APARTMENTS I Status: Certified Facility Id: 60001900	***2020,2034,2040 & 210***	***N 1/2 - 1 (0.968 mi.)***	***91***	***251***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER CECILIA'S CLE Status: Active Facility Id: 60002574	***840 THE CITY DRIVE S***	***SSW 1/4 - 1/2 (0.349 mi.)***	***72***	***199***

Lists of state and tribal leaking storage tanks

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 20 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GSA SERVICE STATION	***485 THE CITY DRIVE S***	***NNW 0 - 1/8 (0.120 mi.)***	***C20***	***55***
Database: LUST, Date of Government Version: 12/04/2023 Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Preliminary site assessment underway Status: Completed - Case Closed Global Id: T0605901598 Global ID: T0605901598				
THRIFTY OIL #375	***2940***	***SE 1/8 - 1/4 (0.178 mi.)***	***D34***	***86***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Pollution Characterization Global ID: T0605900850				
THRIFTY OIL #375	***2940 N BRISTOL ST***	***SE 1/8 - 1/4 (0.178 mi.)***	***D36***	***88***
Database: LUST, Date of Government Version: 12/04/2023 Status: Completed - Case Closed Global Id: T0605900850				
CHEVRON #9-1660	3048 BRISTOL ST	ESE 1/8 - 1/4 (0.192 mi.)	G47	135
Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Case Closed Global ID: T0605900738				
UCI MEDICAL CENTER	***101 THE CITY***	***NNW 1/4 - 1/2 (0.350 mi.)***	***K74***	***203***
Database: LUST, Date of Government Version: 12/04/2023 Database: LUST REG 8, Date of Government Version: 02/14/2005 Database: ORANGE CO. LUST, Date of Government Version: 10/10/2023 Facility Status: Case Closed Status: Completed - Case Closed Global Id: T0605902281 Global Id: T0605901597 Global ID: T0605902281 Facility Id: 99UT044				
U C IRVINE MEDICAL C	***101 THE CITY DRIVE S***	***NNW 1/4 - 1/2 (0.350 mi.)***	***K76***	***211***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Case Closed Global ID: T0605901597				

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #5618	***591 THE CITY DR***	***0 - 1/8 (0.000 mi.)***	***A6***	***23***
Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Case Closed Global ID: T0605901216				
UNOCAL #5618	***591 S THE CITY DR***	***0 - 1/8 (0.000 mi.)***	***A8***	***26***
Database: LUST, Date of Government Version: 12/04/2023				

Status: Completed - Case Closed
Global Id: T0605901216

FORMER BRIDGESTONE F ***3400 METROPOLITAN DR*** ***WSW 0 - 1/8 (0.016 mi.)*** ***B12*** ***32***
Database: LUST, Date of Government Version: 12/04/2023
Database: LUST REG 8, Date of Government Version: 02/14/2005
Database: ORANGE CO. LUST, Date of Government Version: 10/10/2023
Facility Status: Case Closed
Status: Completed - Case Closed
Global Id: T0605902055
Global ID: T0605902055
Facility Id: 98UT074

PARK CITY CENTER ***630 THE CITY*** ***SSW 1/8 - 1/4 (0.182 mi.)*** ***F44*** ***128***
Database: LUST, Date of Government Version: 12/04/2023
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Status: Completed - Case Closed
Global Id: T0605902079
Global ID: T0605902079

WESTERN NATIONAL PRO ***630 THE CITY DR S #*** ***SSW 1/8 - 1/4 (0.182 mi.)*** ***F46*** ***134***
Database: ORANGE CO. LUST, Date of Government Version: 10/10/2023
Facility Id: 97UT047

NEXUS CITY SQUARE ***770 THE CITY DRIVE S*** ***SW 1/4 - 1/2 (0.348 mi.)*** ***J70*** ***195***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0605901366

NEXUS CITY SQUARE 770 THE CITY DRIVE S SW 1/4 - 1/2 (0.348 mi.) J71 197
Database: LUST, Date of Government Version: 12/04/2023
Status: Completed - Case Closed
Global Id: T0605901366

CHEVRON #9-8787 ***2702 BRISTOL ST*** ***SSE 1/4 - 1/2 (0.438 mi.)*** ***L77*** ***213***
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Case Closed
Global ID: T0605902279

CHEVRON #9-8787 ***2702 N BRISTOL ST*** ***SSE 1/4 - 1/2 (0.438 mi.)*** ***L79*** ***215***
Database: LUST, Date of Government Version: 12/04/2023
Status: Completed - Case Closed
Global Id: T0605902279

EXXON SERVICE STATIO ***2701 N BRISTOL*** ***SSE 1/4 - 1/2 (0.450 mi.)*** ***L81*** ***222***
Database: LUST, Date of Government Version: 12/04/2023
Status: Completed - Case Closed
Global Id: T0605900295

EXXON SERVICE STATIO 2701 BRISTOL ST SSE 1/4 - 1/2 (0.450 mi.) L82 230
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Pollution Characterization
Global ID: T0605900295

SHELL #2641 ***2641 N BRISTOL ST*** ***SSE 1/4 - 1/2 (0.495 mi.)*** ***M86*** ***234***
Database: LUST, Date of Government Version: 12/04/2023
Status: Completed - Case Closed
Global Id: T0605900636

SHELL SERVICE STATIO ***2641 BRISTOL*** ***SSE 1/4 - 1/2 (0.495 mi.)*** ***M87*** ***237***
Database: LUST REG 8, Date of Government Version: 02/14/2005

Facility Status: Case Closed
Global ID: T0605900636

SHELL OIL STATION ***2641 BRISTOL STREET,*** ***SSE 1/4 - 1/2 (0.496 mi.)*** ***M88*** ***239***
Database: LUST, Date of Government Version: 12/04/2023
Database: LUST REG 8, Date of Government Version: 02/14/2005
Facility Status: Pollution Characterization
Status: Completed - Case Closed
Global Id: T0605975292
Global ID: T0605975292

CPS-SLIC: 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.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 2 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BRISTOL PLAZA	BRISTOL STREET	E 1/4 - 1/2 (0.279 mi.)	68	193
Database: CPS-SLIC, Date of Government Version: 12/04/2023 Facility Status: Completed - Case Closed Global Id: SL208443899				

Lower Elevation	Address	Direction / Distance	Map ID	Page
MEMORY LANE CLEANERS	***2705 N BRISTOL ST ST***	***SSE 1/4 - 1/2 (0.448 mi.)***	***L80***	***218***
Database: CPS-SLIC, Date of Government Version: 12/04/2023 Facility Status: Completed - Case Closed Global Id: T10000017847				

Lists of state and tribal registered storage tanks

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 8 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ORANGE COUNTY SHERIF	501 THE CITY DR S	NNW 0 - 1/8 (0.088 mi.)	C17	53
Database: UST, Date of Government Version: 12/04/2023 Facility Id: FA0048845				
TESORO (USA) 63375	2940 N BRISTOL ST	SE 1/8 - 1/4 (0.178 mi.)	D33	85
Database: UST, Date of Government Version: 12/04/2023				
SPEEDWAY NO. 6375	2940 N BRISTOL ST	SE 1/8 - 1/4 (0.178 mi.)	D37	116
Database: UST, Date of Government Version: 12/04/2023 Facility Id: FA0062090				
TESORO (ARCO) 63375	2940 N BRISTOL ST	SE 1/8 - 1/4 (0.178 mi.)	D39	120
Database: UST, Date of Government Version: 12/04/2023				

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO 9739 Database: UST, Date of Government Version: 12/04/2023 Facility Id: 30-020-sa015	2940 N. BRISTOL	SE 1/8 - 1/4 (0.178 mi.)	D41	123
SPEEDWAY 6375 ARCO Database: ORANGE CO. UST, Date of Government Version: 10/10/2023 Facility Id: FA0062090	2940 N BRISTOL ST	SE 1/8 - 1/4 (0.178 mi.)	D43	128
BETTY LOW HAMOREAUX Database: UST, Date of Government Version: 12/04/2023 Facility Id: 30-030-800041	341 THE CITY DRIVE S	NNW 1/8 - 1/4 (0.246 mi.)	H58	168

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEXUS CITY SQUARE Database: UST, Date of Government Version: 12/04/2023 Facility Id: 30-030-800008	***770 CITY DRIVE SOUTH***	***SW 1/8 - 1/4 (0.221 mi.)***	***53***	***158***

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, has revealed that there are 4 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported Database: AST, Date of Government Version: 07/06/2016	501 THE CITY DR S	NNW 0 - 1/8 (0.088 mi.)	C18	54
ORANGE FIRE STATION Database: AST, Date of Government Version: 07/06/2016	345 THE CITY DR S	NNW 1/8 - 1/4 (0.244 mi.)	H55	161
Not reported Database: AST, Date of Government Version: 07/06/2016	345 THE CITY DRIVE S	NNW 1/8 - 1/4 (0.244 mi.)	H57	168
BETTY LOU LAMOREAUX Database: AST, Date of Government Version: 07/06/2016	341 THE CITY DR S	NNW 1/8 - 1/4 (0.246 mi.)	H62	182

Lists of state and tribal voluntary cleanup sites

VCP: 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.

A review of the VCP list, as provided by EDR, and dated 10/23/2023 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER CECILIA'S CLE Status: Active Facility Id: 60002574	***840 THE CITY DRIVE S***	***SSW 1/4 - 1/2 (0.349 mi.)***	***72***	***199***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

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

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/16/2023 has revealed that there are 2 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THRIFTY OIL #375	***2940 N BRISTOL ST***	***SE 1/8 - 1/4 (0.178 mi.)***	***D36***	***88***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
SHERWIN-WILLIAMS #43	***2941 N HESPERIAN ST***	***SE 1/8 - 1/4 (0.143 mi.)***	***D23***	***61***

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 are 6 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THEO LACY JAIL EXPAN Status: A Tank Status: A Comp Number: 800006	***501 CITY DRIVE SOUTH***	***NNW 0 - 1/8 (0.088 mi.)***	***C19***	***54***
ARCO STN 375 Status: A Tank Status: A Comp Number: 15	***2940 N BRISTOL***	***SE 1/8 - 1/4 (0.178 mi.)***	***D40***	***121***
LAMOREAUX JUV JUSTIC Status: A Tank Status: A Comp Number: 800041	***341 THE CITY DRIVE S***	***NNW 1/8 - 1/4 (0.246 mi.)***	***H63***	***183***
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
UNOCAL #5618 Status: A Tank Status: A Comp Number: 55197	***591 THE CITY DR***	***0 - 1/8 (0.000 mi.)***	***A6***	***23***
WESTERN NATIONAL PRO Status: A	630 CITY DRIVE SOUTH	SW 1/8 - 1/4 (0.165 mi.)	F30	82

Tank Status: A
Comp Number: 65555

NEXUS CITY SQUARE — ***770 CITY DRIVE SOUTH*** — ***SW 1/8 - 1/4 (0.221 mi.)*** — ***53*** — ***158***
Status: A
Tank Status: A
Comp Number: 800008

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 7 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GSA/TRANSPORTATION S Facility Id: 00000011656	485 THE CITY DRIVE S	NNW 0 - 1/8 (0.120 mi.)	C22	60
UNION OIL SERVICE ST Facility Id: 00000043750	591 CITY DRIVE SOUTH	NE 1/8 - 1/4 (0.164 mi.)	28	80
ARCO STN 375 Facility Id: 00000004725	***2940 N BRISTOL***	***SE 1/8 - 1/4 (0.178 mi.)***	***D40***	***121***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FIRESTONE STORE Facility Id: 00000031831	3400 W METROPOLITAN	WSW 0 - 1/8 (0.016 mi.)	B10	30
FIRESTONE STORE	3400 W METRROPOLITAN	WSW 0 - 1/8 (0.016 mi.)	B11	31
PARK CITY CENTER	***630 THE CITY***	***SSW 1/8 - 1/4 (0.182 mi.)***	***F44***	***128***
WESTERN NATIONAL PRO Facility Id: 00000065555	***630 THE CITY DR S #***	***SSW 1/8 - 1/4 (0.182 mi.)***	***F46***	***134***

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 are 5 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THRIFTY OIL #375 Facility Id: 30000866 Status: A	***2940 N BRISTOL ST***	***SE 1/8 - 1/4 (0.178 mi.)***	***D36***	***88***
LAMOREAUX JUV JUSTIC Facility Id: 30017925 Status: A	***341 THE CITY DRIVE S***	***NNW 1/8 - 1/4 (0.246 mi.)***	***H63***	***183***

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #5618 Facility Id: 30001057 Status: A	***591 THE CITY DR***	***0 - 1/8 (0.000 mi.)***	***A6***	***23***
FIRESTONE STORE #71F	3400 W METROPOLITAN	WSW 0 - 1/8 (0.016 mi.)	B9	29

Facility Id: 30007370
Status: A

WESTERN NATIONAL PRO	***630 CITY DRIVE SOUTH***	***SW 1/8 - 1/4 (0.165 mi.)***	***F29***	***81***

Facility Id: 30017911
Status: A

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 10/16/2023 has revealed that there are 6 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ORANGE COUNTY SHERIF	***501 THE CITY DR S***	***NNW 0 - 1/8 (0.088 mi.)***	***C16***	***37***
THRIFTY OIL #375	***2940 N BRISTOL ST***	***SE 1/8 - 1/4 (0.178 mi.)***	***D36***	***88***
ORANGEWOOD CHILDRENS	***401 THE CITY DR***	***NNW 1/8 - 1/4 (0.205 mi.)***	***H49***	***139***
YOUTH GUIDANCE CENTE	***3030 N HESPERIAN ST***	***ENE 1/8 - 1/4 (0.218 mi.)***	***I51***	***150***
ORANGE FIRE STATION	***345 THE CITY DR S***	***NNW 1/8 - 1/4 (0.244 mi.)***	***H56***	***161***
BETTY LOU LAMOREAUX	***341 THE CITY DR S***	***NNW 1/8 - 1/4 (0.246 mi.)***	***H59***	***169***

Other Ascertainable Records

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

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 12/04/2023 has revealed that there are 14 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SPEEDWAY #6375 EPA ID:: CAL000463139	2940 N BRISTOL ST	SE 1/8 - 1/4 (0.178 mi.)	D38	118
TESORO REFINING & MA EPA ID:: CAL000372973	2940 N BRISTOL ST	SE 1/8 - 1/4 (0.178 mi.)	D42	124
OC SHERIFF'S DEPARTM EPA ID:: CAL000295815	431 THE CITY DR S	NNW 1/8 - 1/4 (0.199 mi.)	H48	136
CITY GARDENS EPA ID:: CAC003085186	2949 BRISTOL STREET	ESE 1/8 - 1/4 (0.207 mi.)	G50	148
ORANGE COUNTY YOUTH EPA ID:: CAC003057625	3030 N HESPERIAN ST	ENE 1/8 - 1/4 (0.218 mi.)	I52	156
JUDICIAL COUNCIL OF EPA ID:: CAC003055030	341 THE CITY DR.	NNW 1/8 - 1/4 (0.246 mi.)	H60	178
BETTY LOU LAMOREAUX EPA ID:: CAC003184938 EPA ID:: CAC003121188 EPA ID:: CAC003206679	341 THE CITY DR.	NNW 1/8 - 1/4 (0.246 mi.)	H61	180

EPA ID:: CAC003232456 EPA ID:: CAC003148832				
JUDICIAL COUNCIL OF EPA ID:: CAC003072019	341 THE CITY DRIVE	NNW 1/8 - 1/4 (0.246 mi.)	H64	184
JUDICIAL COUNCIL OF EPA ID:: CAC003035496	341 THE CITY DR S	NNW 1/8 - 1/4 (0.246 mi.)	H65	186
JUDICIAL COUNCIL OF EPA ID:: CAC003014713	341 THE CITY DR.	NNW 1/8 - 1/4 (0.246 mi.)	H66	188

Lower Elevation	Address	Direction / Distance	Map ID	Page
US SAMSON CONSTRUCTI EPA ID:: CAC003107275	2941 N HESPERIAN ST	SE 1/8 - 1/4 (0.143 mi.)	D25	73
ELC MANAGEMENT LLC EPA ID:: CAC003149106	625 THE CITY DRIVE S	SSW 1/8 - 1/4 (0.160 mi.)	E26	76
LASIK VISION INSTITU EPA ID:: CAL000453268	625 THE CITY DR SOUT	SSW 1/8 - 1/4 (0.160 mi.)	E27	78
WELLTOWER ORANGE TEN EPA ID:: CAL000481459	630 THE CITY DR S	SSW 1/8 - 1/4 (0.182 mi.)	F45	131

MINES MRDS: Mineral Resources Data System

A review of the MINES MRDS list, as provided by EDR, and dated 08/23/2022 has revealed that there is 1 MINES MRDS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
GARDEN GROVE SAND &		S 1/8 - 1/4 (0.235 mi.)	54	160

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 (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 12/13/2023 has revealed that there are 12 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GSA SERVICE STATION Cleanup Status: COMPLETED - CASE CLOSED	***485 THE CITY DRIVE S***	***NNW 0 - 1/8 (0.120 mi.)***	***C20***	***55***
THRIFTY OIL #375 Cleanup Status: COMPLETED - CASE CLOSED	***2940 N BRISTOL ST***	***SE 1/8 - 1/4 (0.178 mi.)***	***D36***	***88***
UCI MEDICAL CENTER Cleanup Status: COMPLETED - CASE CLOSED	***101 THE CITY***	***NNW 1/4 - 1/2 (0.350 mi.)***	***K74***	***203***
U C IRVINE MEDICAL C Cleanup Status: COMPLETED - CASE CLOSED	***101 THE CITY DRIVE S***	***NNW 1/4 - 1/2 (0.350 mi.)***	***K76***	***211***

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #5618	***591 S THE CITY DR***	***0 - 1/8 (0.000 mi.)***	***A8***	***26***

Cleanup Status: COMPLETED - CASE CLOSED

FORMER BRIDGESTONE F	***3400 METROPOLITAN DR***	***WSW 0 - 1/8 (0.016 mi.)***	***B12***	***32***
Cleanup Status: COMPLETED - CASE CLOSED				
PARK CITY CENTER	***630 THE CITY***	***SSW 1/8 - 1/4 (0.182 mi.)***	***F44***	***128***
Cleanup Status: COMPLETED - CASE CLOSED				
NEXUS CITY SQUARE	***770 THE CITY DRIVE S***	***SW 1/4 - 1/2 (0.348 mi.)***	***J70***	***195***
Cleanup Status: COMPLETED - CASE CLOSED				
CHEVRON #9-8787	***2702 N BRISTOL ST***	***SSE 1/4 - 1/2 (0.438 mi.)***	***L79***	***215***
Cleanup Status: COMPLETED - CASE CLOSED				
EXXON SERVICE STATIO	***2701 N BRISTOL***	***SSE 1/4 - 1/2 (0.450 mi.)***	***L81***	***222***
Cleanup Status: COMPLETED - CASE CLOSED				
SHELL #2641	***2641 N BRISTOL ST***	***SSE 1/4 - 1/2 (0.495 mi.)***	***M86***	***234***
Cleanup Status: COMPLETED - CASE CLOSED				
SHELL OIL STATION	***2641 BRISTOL STREET,***	***SSE 1/4 - 1/2 (0.496 mi.)***	***M88***	***239***
Cleanup Status: COMPLETED - CASE CLOSED				

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 8 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GSA SERVICE STATION	***485 THE CITY DRIVE S***	***NNW 0 - 1/8 (0.120 mi.)***	***C20***	***55***
Reg Id: 083002159T				
THRIFTY OIL #375	***2940***	***SE 1/8 - 1/4 (0.178 mi.)***	***D34***	***86***
Reg Id: 083001076T				

Lower Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #5618	***591 THE CITY DR***	***0 - 1/8 (0.000 mi.)***	***A6***	***23***
Reg Id: 083001600T				
CITY SHOPPING CENTER	3400	NW 0 - 1/8 (0.033 mi.)	14	36
Reg Id: 083003009T				
WESTERN NATIONAL PRO	***630 CITY DRIVE SOUTH***	***SW 1/8 - 1/4 (0.165 mi.)***	***F29***	***81***
Reg Id: 083001372T				
Reg Id: 083003046T				
NEXUS CITY SQUARE	***770 THE CITY DRIVE S***	***SW 1/4 - 1/2 (0.348 mi.)***	***J70***	***195***
Reg Id: 083001827T				
CHEVRON #9-8787	***2702 BRISTOL ST***	***SSE 1/4 - 1/2 (0.438 mi.)***	***L77***	***213***
Reg Id: 083003454T				
Reg Id: 083003601T				
SHELL SERVICE STATIO	***2641 BRISTOL***	***SSE 1/4 - 1/2 (0.495 mi.)***	***M87***	***237***
Reg Id: 083000808T				

EXECUTIVE SUMMARY

UST FINDER: EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

A review of the UST FINDER list, as provided by EDR, and dated 06/08/2023 has revealed that there are 2 UST FINDER sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ORANGE COUNTY SHERIF	501 THE CITY DR S	NNW 0 - 1/8 (0.088 mi.)	C15	36
TESORO (ARCO) 63375	2940 N BRISTOL ST	SE 1/8 - 1/4 (0.178 mi.)	D32	84

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 12 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GSA SERVICE STATION	485 THE CITY DRIVE S	NNW 0 - 1/8 (0.120 mi.)	C21	59
THRIFTY OIL #375	2940 N BRISTOL ST	SE 1/8 - 1/4 (0.178 mi.)	D35	87
U C IRVINE MEDICAL C	101 THE CITY DRIVE S	NNW 1/4 - 1/2 (0.350 mi.)	K73	202
UCI MEDICAL CENTER	101 THE CITY	NNW 1/4 - 1/2 (0.350 mi.)	K75	210

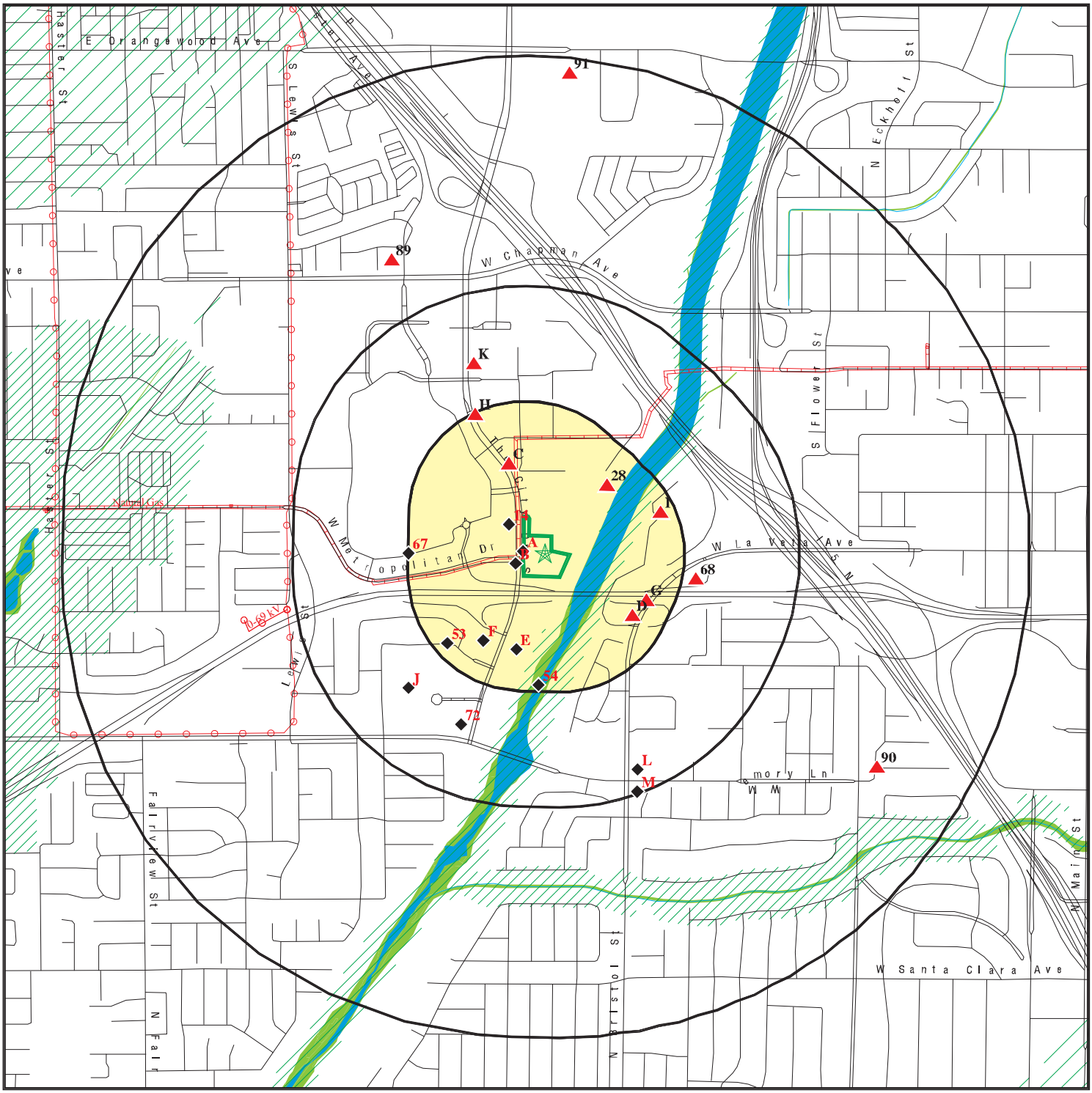
Lower Elevation	Address	Direction / Distance	Map ID	Page
UNOCAL #5618	591 S THE CITY DR	0 - 1/8 (0.000 mi.)	A7	25
FORMER BRIDGESTONE F	3400 METROPOLITAN	WSW 0 - 1/8 (0.016 mi.)	B13	35
PARK CITY CENTER	630 THE CITY	SSW 1/8 - 1/4 (0.177 mi.)	E31	83
NEXUS CITY SQUARE	770 THE CITY DRIVE S	SW 1/4 - 1/2 (0.348 mi.)	J69	194
CHEVRON #9-8787	2702 N BRISTOL ST	SSE 1/4 - 1/2 (0.438 mi.)	L78	214
EXXON SERVICE STATIO	2701 N BRISTOL ST	SSE 1/4 - 1/2 (0.450 mi.)	L83	231
SHELL OIL STATION	2641 BRISTOL STREET,	SSE 1/4 - 1/2 (0.489 mi.)	L84	232
SHELL #2641	2641 N BRISTOL ST	SSE 1/4 - 1/2 (0.495 mi.)	M85	233

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

Site Name	Database(s)
ALPER FINANCIAL INC	DRYCLEANERS
ORANGE CITY DUMP #10	SWF/LF
ORANGE CITY DUMP #3	SWF/LF
CAPITOL BANK PARCEL, GGRV CTY	CPS-SLIC
BRISTOL PLAZA CALIF CLEANERS	CPS-SLIC

OVERVIEW MAP - 7606420.2S



- 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
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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

SITE NAME: 561 The City Drive South ADDRESS: 561 The City Drive South Orange CA 92868 LAT/LONG: 33.780224 / 117.887835	CLIENT: Ninyo & Moore CONTACT: Ken Cho INQUIRY #: 7606420.2s DATE: March 27, 2024 9:58 am

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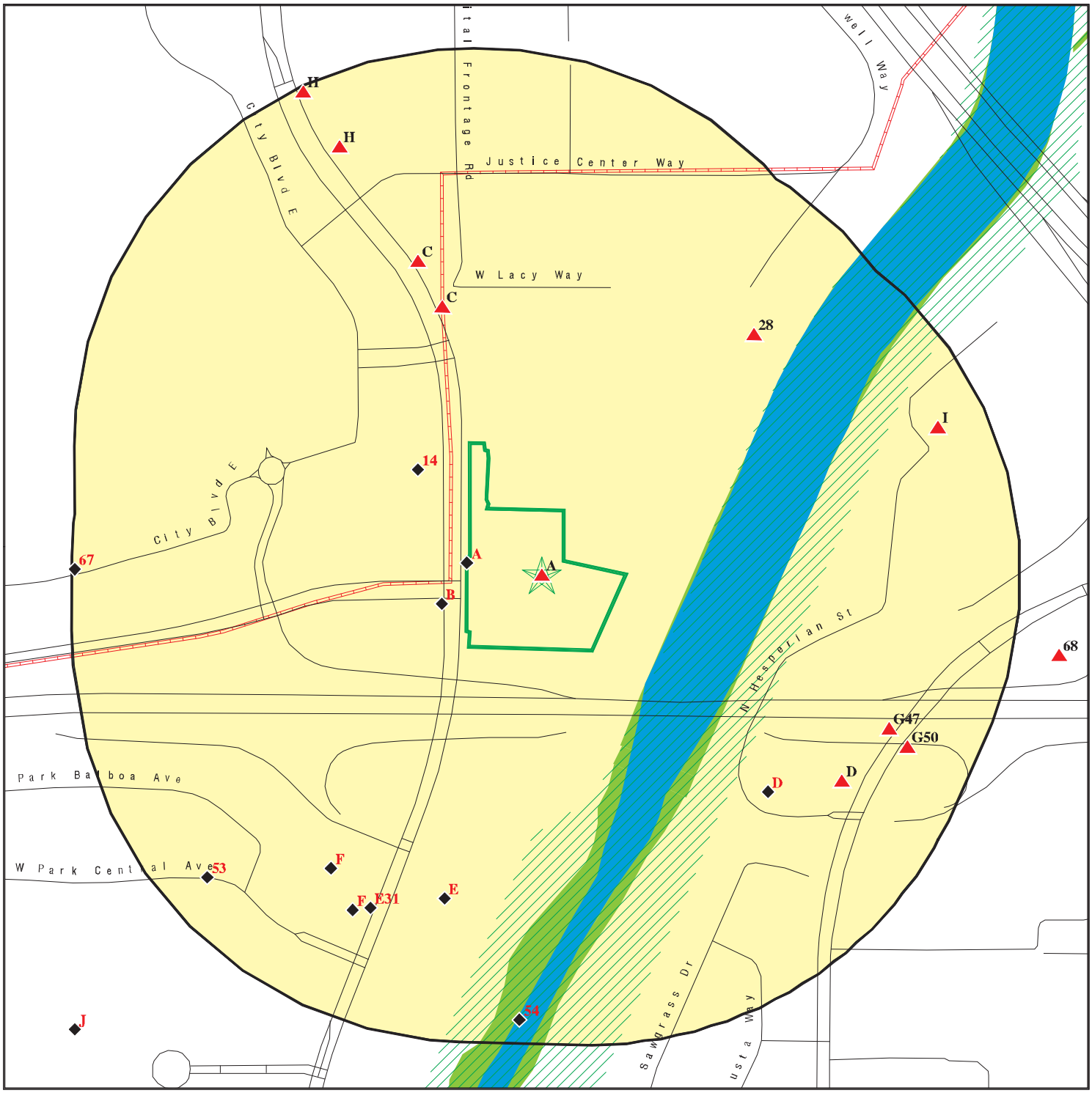
DETAIL MAP - 7606420.2S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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

SITE NAME: 561 The City Drive South	CLIENT: Ninyo & Moore
ADDRESS: 561 The City Drive South Orange CA 92868	CONTACT: Ken Cho INQUIRY #: 7606420.2s
LAT/LONG: 33.780224 / 117.887835	DATE: March 27, 2024 10:01 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	2	NR	NR	NR	2
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		0	0	1	3	NR	4
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		4	5	11	NR	NR	20
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	2	NR	NR	2
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	7	NR	NR	NR	8
AST	0.250		1	3	NR	NR	NR	4
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	1	NR	NR	1
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	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	TP		NR	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	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	2	NR	NR	NR	2
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		2	4	NR	NR	NR	6
HIST UST	0.250		3	4	NR	NR	NR	7
CA FID UST	0.250		2	3	NR	NR	NR	5
CERS TANKS	0.250		1	5	NR	NR	NR	6
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
LDS	TP		NR	NR	NR	NR	NR	0
MCS	TP		NR	NR	NR	NR	NR	0
Orange Co. Industrial Site	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	14	NR	NR	NR	14
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	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	1	NR	NR	NR	1
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	TP		NR	NR	NR	NR	NR	0
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		3	2	7	NR	NR	12
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		3	2	3	NR	NR	8
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWTS	TP	4	NR	NR	NR	NR	NR	4
HAZNET	TP	3	NR	NR	NR	NR	NR	3
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP	1	NR	NR	NR	NR	NR	1
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP	1	NR	NR	NR	NR	NR	1
CERS	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
UST FINDER	0.250		1	1	NR	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
UST FINDER RELEASE	0.500		3	2	7	NR	NR	12
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		9	24	57	32	3	0	125

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1
Target
Property

ANIMAL SHELTER - COUNTY OF ORANGE
561 CITY DRIVE
ORANGE, CA 92668

HWTS S113072354
HAZNET N/A

Site 1 of 8 in cluster A

Actual:
127 ft.

HWTS:

Name:	ANIMAL SHELTER - COUNTY OF ORANGE
Address:	561 CITY DRIVE
Address 2:	Not reported
City,State,Zip:	ORANGE, CA 92668
EPA ID:	CAL000127733
Inactive Date:	06/30/2009
Create Date:	01/31/1995
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	561 CITY DRIVE SOUTH
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ORANGE, CA 928682912
Owner Name:	COUNTY OF ORANGE
Owner Address:	561 THE CITY DR SOUTH
Owner Address 2:	Not reported
Owner City,State,Zip:	ORANGE, CA 928683389
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	LORSN GIBEL/STARR ASST
Contact Address:	561 CITY DRIVE SOUTH
Contact Address 2:	Not reported
City,State,Zip:	ORANGE, CA 928682912
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.780984
Longitude:	-117.888669

HAZNET:

Name:	ANIMAL SHELTER - COUNTY OF ORANGE
Address:	561 CITY DRIVE
Address 2:	Not reported
City,State,Zip:	ORANGE, CA 926680000
Contact:	LORSN GIBEL/STARR ASST
Telephone:	7149356863
Mailing Name:	Not reported
Mailing Address:	561 CITY DRIVE SOUTH
Year:	2006
Gepaid:	CAL000127733
TSD EPA ID:	CAD980884183
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H01 - Transfer Station
Tons:	0.15
Year:	2006
Gepaid:	CAL000127733
TSD EPA ID:	CAD980884183
CA Waste Code:	541 - Photochemicals/photoprocessing waste
Disposal Method:	H01 - Transfer Station

ANIMAL SHELTER - COUNTY OF ORANGE (Continued) **S113072354**

Tons: 0.0417

Year: 2005
Gepaid: CAL000127733
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: D99 - Disposal, Other
Tons: 0.01

Year: 2005
Gepaid: CAL000127733
TSD EPA ID: CAD980884183
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H01 - Transfer Station
Tons: 0.10425

Year: 2005
Gepaid: CAL000127733
TSD EPA ID: NVT330010000
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: D99 - Disposal, Other
Tons: 0.252

Year: 2004
Gepaid: CAL000127733
TSD EPA ID: KYD053348108
CA Waste Code: 331 - Off-specification, aged or surplus organics
Disposal Method: H01 - Transfer Station
Tons: 0.25

Year: 2004
Gepaid: CAL000127733
TSD EPA ID: NVT330010000
CA Waste Code: 135 - Unspecified aqueous solution
Disposal Method: D80 - Disposal, Land Fill
Tons: 0.126

Year: 1998
Gepaid: CAL000127733
TSD EPA ID: CAT000613976
CA Waste Code: 541 - Photochemicals/photoprocessing waste
Disposal Method: H01 - Transfer Station
Tons: 0.1251

Year: 1998
Gepaid: CAL000127733
TSD EPA ID: CAD050806850
CA Waste Code: 551 - Laboratory waste chemicals
Disposal Method: H01 - Transfer Station
Tons: 0.0041

Year: 1998
Gepaid: CAL000127733
TSD EPA ID: CAD050806850
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 0.1

ANIMAL SHELTER - COUNTY OF ORANGE (Continued) **S113072354**

Click this hyperlink while viewing on your computer to access
1 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2006
Gen EPA ID:	CAL000127733
Shipment Date:	20060607
Creation Date:	9/14/2006 18:38:11
Receipt Date:	20060615
Manifest ID:	25198370
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	CAD980884183
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20060607
Creation Date:	9/14/2006 18:38:11
Receipt Date:	20060613
Manifest ID:	25198368
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	CAD980884183
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0417
Waste Quantity:	10
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ANIMAL SHELTER - COUNTY OF ORANGE (Continued) **S113072354**

Additional Info:

Year:	2005
Gen EPA ID:	CAL000127733
Shipment Date:	20051215
Creation Date:	1/4/2007 18:30:12
Receipt Date:	20051222
Manifest ID:	24819713
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.02085
Waste Quantity:	5
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050921
Creation Date:	8/23/2006 18:35:03
Receipt Date:	20050930
Manifest ID:	24427787
Trans EPA ID:	CAD983649880
Trans Name:	GENERAL ENVIRONMENTAL MGMT INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0834
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050413
Creation Date:	11/3/2005 14:56:34
Receipt Date:	20050422
Manifest ID:	24518675
Trans EPA ID:	CAL000827879

ANIMAL SHELTER - COUNTY OF ORANGE (Continued) **S113072354**

Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D011
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050413
Creation Date:	11/3/2005 14:56:34
Receipt Date:	20050422
Manifest ID:	24518675
Trans EPA ID:	CAL000827879
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not reported
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20050304
Creation Date:	5/29/2005 18:30:53
Receipt Date:	20050311
Manifest ID:	24158292
Trans EPA ID:	CAL000827879
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D011

ANIMAL SHELTER - COUNTY OF ORANGE (Continued) **S113072354**

Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050304
Creation Date:	5/29/2005 18:30:53
Receipt Date:	20050311
Manifest ID:	24158293
Trans EPA ID:	CAL000827879
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D011
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20050304
Creation Date:	5/29/2005 18:30:53
Receipt Date:	20050311
Manifest ID:	24158292
Trans EPA ID:	CAL000827879
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	NONE
Meth Code:	D99 - Disposal, Other
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

ANIMAL SHELTER - COUNTY OF ORANGE (Continued) **S113072354**

Additional Info:

Year:	2004
Gen EPA ID:	CAL000127733
Shipment Date:	20041018
Creation Date:	1/20/2005 18:31:32
Receipt Date:	20041025
Manifest ID:	24046859
Trans EPA ID:	CAL000827879
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	D011
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20041018
Creation Date:	1/20/2005 18:31:32
Receipt Date:	20041025
Manifest ID:	24046859
Trans EPA ID:	CAL000827879
Trans Name:	AMBERWICK CORPORATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	NONE
Meth Code:	D80 - Disposal, Land Fill
Quantity Tons:	0.063
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20040219
Creation Date:	1/5/2007 18:31:00
Receipt Date:	20040314
Manifest ID:	23023196
Trans EPA ID:	TXR000050930

ANIMAL SHELTER - COUNTY OF ORANGE (Continued) **S113072354**

Trans Name:	SAFETY-KLEEN SYSTEMS INC
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT
TSDF EPA ID:	KYD053348108
Trans Name:	SAFETY-KLEEN SYSTEMS INC
TSDF Alt EPA ID:	KYD053348108
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.25
Waste Quantity:	500
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1998
Gen EPA ID:	CAL000127733
Shipment Date:	19981009
Creation Date:	1/13/1999 0:00:00
Receipt Date:	19981013
Manifest ID:	96644632
Trans EPA ID:	SCD987574647
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980922
Creation Date:	12/17/1998 0:00:00
Receipt Date:	19980925
Manifest ID:	96644479
Trans EPA ID:	SCD987574647
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD050806850
Trans Name:	Not reported

ANIMAL SHELTER - COUNTY OF ORANGE (Continued) **S113072354**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D022
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0041
Waste Quantity:	1
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19980626
Creation Date:	9/3/1998 0:00:00
Receipt Date:	19980629
Manifest ID:	95954008
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	1996
Gen EPA ID:	CAL000127733
Shipment Date:	19961021
Creation Date:	5/20/1997 0:00:00
Receipt Date:	19961021
Manifest ID:	96485289
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station

ANIMAL SHELTER - COUNTY OF ORANGE (Continued) **S113072354**

Quantity Tons:	0.0625
Waste Quantity:	15
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19960508
Creation Date:	10/16/1996 0:00:00
Receipt Date:	19960508
Manifest ID:	96084738
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613976
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	541 - Photochemicals / photo processing waste
RCRA Code:	D011
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.1251
Waste Quantity:	30
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

A2 Target Property **ANIMAL SHELTER -COUNTY OF ORANGE**
561 CITY DR SOUTH
ORANGE, CA 92668

HWTS **S124546830**
NPDES **N/A**

Site 2 of 8 in cluster A

Actual: 127 ft.

HWTS:

Name:	ANIMAL SHELTER -COUNTY OF ORANGE
Address:	561 CITY DR SOUTH
Address 2:	Not reported
City,State,Zip:	ORANGE, CA 92668
EPA ID:	CAC001006352
Inactive Date:	10/25/2000
Create Date:	08/19/1994
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	1143 EAST FRUIT ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SANTA ANA, CA 927010000
Owner Name:	COUNTY OF ORANGE
Owner Address:	561 CITY DR SOUTH
Owner Address 2:	Not reported
Owner City,State,Zip:	ORANGE, CA 926680000
Owner Phone:	Not reported
Owner Fax:	Not reported

ANIMAL SHELTER -COUNTY OF ORANGE (Continued) **S124546830**

Contact Name:	CHARLES LUS
Contact Address:	1143 EAST FRUIT ST
Contact Address 2:	Not reported
City,State,Zip:	SANTA ANA, CA 927010000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	33.780984
Longitude:	-117.888669

NPDES:

Name:	HCA ANIMAL CARE FACILITY PARKING LOT
Address:	561 CITY DR
City,State,Zip:	ORANGE, CA 92868
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	Not reported
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Returned
Status Date:	10/29/2007
Operator Name:	PLC Land Company
Operator Address:	3160 Airway Avenue
Operator City:	Costa Mesa
Operator State:	California
Operator Zip:	92626

A3 **1X COUNTY OF ORANGE** **HWTS** **S123719794**
Target **561 THE CITY DRIVE** **HAZNET** **N/A**
Property **ORANGE, CA 92668**

Site 3 of 8 in cluster A

Actual:
127 ft.

HWTS:

Name:	1X COUNTY OF ORANGE
Address:	561 THE CITY DRIVE
Address 2:	Not reported
City,State,Zip:	ORANGE, CA 92668
EPA ID:	CAC000204713
Inactive Date:	10/25/2000
Create Date:	09/08/1989

1X COUNTY OF ORANGE (Continued) **S123719794**

Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	Not reported
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SANTA ANA, CA 927010000
Owner Name:	COUNTY OF ORANGE
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,State,Zip:	Not reported
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	DON POER, ABESTOS MANAGER
Contact Address:	Not reported
Contact Address 2:	Not reported
City,State,Zip:	Not reported
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	33.780984
Longitude:	-117.888669

HAZNET:

Name:	1X COUNTY OF ORANGE
Address:	561 THE CITY DRIVE
Address 2:	Not reported
City,State,Zip:	ORANGE, CA 926680000
Contact:	DON POER, ABESTOS MANAGER
Telephone:	7145677706
Mailing Name:	Not reported
Mailing Address:	--
Year:	1989
Gepaid:	CAC000204713
TSD EPA ID:	AZC000000150
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	D80 - Disposal, Land Fill
Tons:	1.01

A4 **COUNTY OF ORANGE OC COMMUNITY RESOURCES OC ANIMAL** **HWTS** **S112983530**
Target **561 THE CITY DR S** **HAZNET** **N/A**
Property **ORANGE, CA 92868**

Site 4 of 8 in cluster A

Actual:
127 ft.

HWTS:

Name:	COUNTY OF ORANGE OC COMMUNITY RESOURCES OC ANIMAL CARE
Address:	561 THE CITY DR S
Address 2:	Not reported
City,State,Zip:	ORANGE, CA 92868
EPA ID:	CAC002662882
Inactive Date:	08/09/2011
Create Date:	02/09/2011
Last Act Date:	Not reported
Mailing Name:	Not reported

COUNTY OF ORANGE OC COMMUNITY RESOURCES OC ANIMAL CARE (Continued) **S112983530**

Mailing Address:	561 THE CITY DR S
Mailing Address 2:	Not reported
Mailing City,State,Zip:	ORANGE, CA 928683305
Owner Name:	COUNTY OF ORANGE
Owner Address:	561 THE CITY DR S
Owner Address 2:	Not reported
Owner City,State,Zip:	ORANGE, CA 928683305
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	KRIS BEARD
Contact Address:	561 THE CITY DR S
Contact Address 2:	Not reported
City,State,Zip:	ORANGE, CA 928683305
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	33.78011
Longitude:	-117.88869

HAZNET:

Name:	COUNTY OF ORANGE OC COMMUNITY RESOURCES OC ANIMAL CARE
Address:	561 THE CITY DR S
Address 2:	Not reported
City,State,Zip:	ORANGE, CA 928683305
Contact:	KRIS BEARD
Telephone:	7144802837
Mailing Name:	Not reported
Mailing Address:	561 THE CITY DR S
Year:	2011
Gepaid:	CAC002662882
TSD EPA ID:	AZC950823111
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.4

Additional Info:

Year:	2011
Gen EPA ID:	CAC002662882
Shipment Date:	20110218
Creation Date:	7/5/2011 18:30:12
Receipt Date:	20110224
Manifest ID:	008189025JJK
Trans EPA ID:	CAL000276238
Trans Name:	AMERICAN TECHNOLOGIES INC
Trans 2 EPA ID:	CAR000049064
Trans 2 Name:	ECTI (ENVIRONMENTAL CONTRACTORS TRANSPORTATION INC)
TSDF EPA ID:	AZC950823111
Trans Name:	LA PAZ COUNTY LANDFILL
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

COUNTY OF ORANGE OC COMMUNITY RESOURCES OC ANIMAL CARE (Continued) **S112983530**

Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.4
Waste Quantity:	1
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

A5 **HCA ANIMAL CARE FACILITY PARKING LOT** **CIWQS** **S121643419**
Target **561 THE CITY DR** **N/A**
Property **ORANGE, CA 92868**

Site 5 of 8 in cluster A

Actual: **127 ft.**

CIWQS:

Name:	HCA ANIMAL CARE FACILITY PARKING LOT
Address:	561 THE CITY DR
City,State,Zip:	ORANGE, CA 92868
Agency:	PLC Land Company
Agency Address:	3160 Airway Avenue, Costa Mesa, CA 92626
Place/Project Type:	Construction - Reconstruction
SIC/NAICS:	Not reported
Region:	8
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	99-08DW
WDID:	8 30C349727
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	11/14/2007
Termination Date:	06/26/2008
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	Not reported
Longitude:	Not reported

A6 **UNOCAL #5618** **LUST** **S101589037**
591 THE CITY DR **SWEEPS UST** **N/A**
< 1/8 **ORANGE, CA 92668** **CA FID UST**
1 ft. **HIST CORTESE**

Site 6 of 8 in cluster A

Relative: LUST REG 8:
Lower

Actual: Name: UNOCAL #5618
126 ft. Address: 591 THE CITY DR
City: ORANGE
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083001600T
Local Case Num: Not reported
Case Type: Aquifer affected
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: FPEDVE
Cross Street: HWY 22
Enf Type: CLOS
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0605901216
How Stopped Date: Not reported
Enter Date: 7/2/2002
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: 7/30/1990
Discover Date: 3/22/1990
Enforcement Date: 1/1/1965
Close Date: 4/25/2003
Date Prelim Assessment Workplan Submitted: 3/1/1990
Date Pollution Characterization Began: 6/1/1994
Date Remediation Plan Submitted: 7/27/2000
Date Remedial Action Underway: 3/25/1997
Date Post Remedial Action Monitoring: Not reported
Enter Date: 7/2/2002
GW Qualifies: =
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 33.7800546
Longitude: -117.8886116
MTBE Date: 4/23/1996
Max MTBE GW: 10000
MTBE Concentration: 2
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class: Not reported
Staff: NOM
Staff Initials: KAT
Lead Agency: Regional Board

UNOCAL #5618 (Continued) **S101589037**

Local Agency: Orange, Orange County
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: 1995-GW 40' BGS & FLOWS TOWARD THE NW. VES STARTED 3/25/97. ADDITIONAL WELLS (MW-3A, MW-4, MW-5, MW-8MW-9) WERE CONNECTED TO THE VES IN 11/97.

SWEEPS UST:
Name: UNOCAL 76 SERVICE STN #5618
Address: 591 CITY DRIVE SOUTH
City: ORANGE
Status: Active
Comp Number: 55197
Number: 1
Board Of Equalization: 44-000051
Referral Date: 06-09-93
Action Date: 06-09-93
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-030-055197-000001
Tank Status: A
Capacity: 9950
Active Date: 06-10-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Name: UNOCAL 76 SERVICE STN #5618
Address: 591 CITY DRIVE SOUTH
City: ORANGE
Status: Active
Comp Number: 55197
Number: 1
Board Of Equalization: 44-000051
Referral Date: 06-09-93
Action Date: 06-09-93
Created Date: 10-13-88
Owner Tank Id: Not reported
SWRCB Tank Id: 30-030-055197-000002
Tank Status: A
Capacity: 9950
Active Date: 06-10-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: UNOCAL 76 SERVICE STN #5618
Address: 591 CITY DRIVE SOUTH
City: ORANGE
Status: Active
Comp Number: 55197
Number: 1
Board Of Equalization: 44-000051

UNOCAL #5618 (Continued) **S101589037**

Referral Date:	06-09-93
Action Date:	06-09-93
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-030-055197-000002
Tank Status:	A
Capacity:	280
Active Date:	06-10-93
Tank Use:	OIL
STG:	W
Content:	WASTE OIL
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	30001057
Regulated By:	UTNKA
Regulated ID:	00055197
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7146349139
Mail To:	Not reported
Mailing Address:	17700 CASTLETON
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ORANGE 92668
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:

edr_fname:	UNOCAL #5618
edr_fadd1:	591
City,State,Zip:	ORANGE, CA 92668
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001600T

A7 **UNOCAL #5618** **UST FINDER RELEASE** **1029124023**
591 S THE CITY DR **N/A**
< 1/8 **ORANGE, CA 92668**
1 ft.

Site 7 of 8 in cluster A

Relative: **Lower**
Actual: **126 ft.**

UST FINDER RELEASE:

Object ID:	67718
Facility ID:	Not reported
Lust ID:	CAT0605901216
Name:	UNOCAL #5618
Address:	591 S THE CITY DR
City,State,Zip:	ORANGE, CA 92668
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action

UNOCAL #5618 (Continued) **1029124023**

Substance:	Not reported
Population within 1500ft:	1904
Domestic Wells within 1500ft:	0
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA3010053_14124
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180702010001
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.88869
Y Coord:	33.7802
Latitude:	33.7802
Longitude:	-117.888689999999

A8 **UNOCAL #5618** **LUST** **S109284384**
591 S THE CITY DR **Cortese** **N/A**
< 1/8 **ORANGE, CA 92668** **CERS**
1 ft.

Site 8 of 8 in cluster A

Relative: **Lower**
Actual: **126 ft.**

LUST:

Name:	UNOCAL #5618
Address:	591 S THE CITY DR
City,State,Zip:	ORANGE, CA 92668
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901216
Global Id:	T0605901216
Latitude:	33.7800546
Longitude:	-117.8886116
Status:	Completed - Case Closed
Status Date:	04/25/2003
Case Worker:	Not reported
RB Case Number:	083001600T
Local Agency:	ORANGE, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Historical Geocode - Street Match
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	03/01/1990

UNOCAL #5618 (Continued) **S109284384**

Leak Reported Date:	07/25/1990
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	04/25/2003
CA Water Watershed Name:	Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Dwr Groundwater Subbasin Name:	Coastal Plain Of Orange County (8-001)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	66-70%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SANTA ANA RWQCB (REGION 8)
Site History:	Not reported

LUST:

Global Id:	T0605901216
Contact Type:	Local Agency Caseworker
Contact Name:	KATHY DASCOMB
Organization Name:	ORANGE, CITY OF
Address:	2009 EAST EDINGER AVENUE
City:	SANTA ANA
Email:	kdascomb@cityoforange.org
Phone Number:	7146673773

LUST:

Global Id:	T0605901216
Action Type:	ENFORCEMENT
Date:	03/17/2003
Action:	* Verbal Communication
Global Id:	T0605901216
Action Type:	ENFORCEMENT
Date:	01/08/2003
Action:	* No Action
Global Id:	T0605901216
Action Type:	ENFORCEMENT
Date:	04/25/2003
Action:	Closure/No Further Action Letter
Global Id:	T0605901216
Action Type:	ENFORCEMENT
Date:	10/02/2002
Action:	* No Action
Global Id:	T0605901216
Action Type:	ENFORCEMENT
Date:	08/16/2000
Action:	Staff Letter
Global Id:	T0605901216
Action Type:	Other
Date:	03/22/1990

UNOCAL #5618 (Continued) **S109284384**

Action: Leak Discovery

Global Id: T0605901216
Action Type: RESPONSE
Date: 10/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0605901216
Action Type: RESPONSE
Date: 01/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0605901216
Action Type: ENFORCEMENT
Date: 03/21/2003
Action: Notification - Preclosure

Global Id: T0605901216
Action Type: ENFORCEMENT
Date: 03/06/2000
Action: Staff Letter

Global Id: T0605901216
Action Type: Other
Date: 07/25/1990
Action: Leak Reported

LUST:
Global Id: T0605901216
Status: Open - Case Begin Date
Status Date: 03/01/1990

Global Id: T0605901216
Status: Open - Site Assessment
Status Date: 03/01/1990

Global Id: T0605901216
Status: Open - Site Assessment
Status Date: 07/30/1990

Global Id: T0605901216
Status: Open - Site Assessment
Status Date: 06/01/1994

Global Id: T0605901216
Status: Open - Remediation
Status Date: 03/25/1997

Global Id: T0605901216
Status: Open - Remediation
Status Date: 07/27/2000

Global Id: T0605901216
Status: Completed - Case Closed
Status Date: 04/25/2003

UNOCAL #5618 (Continued) **S109284384**

CORTESE:

Name:	UNOCAL #5618
Address:	591 S THE CITY DR
City,State,Zip:	ORANGE, CA 92668
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605901216
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	UNOCAL #5618
Address:	591 S THE CITY DR
City,State,Zip:	ORANGE, CA 92668
Site ID:	693881
CERS ID:	T0605901216
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	KATHY DASCOMB - ORANGE, CITY OF
Entity Title:	Not reported
Affiliation Address:	2009 EAST EDINGER AVENUE
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	7146673773,

B9 **FIRESTONE STORE #71F6** **CA FID UST** **S101589340**
WSW **3400 W METROPOLITAN** **N/A**
< 1/8 **ORANGE, CA 92668**
0.016 mi.
83 ft. **Site 1 of 5 in cluster B**

Relative:
Lower

Actual:
125 ft.

CA FID UST:

Facility ID:	30007370
Regulated By:	UTNKA
Regulated ID:	00031831
Cortese Code:	Not reported

FIRESTONE STORE #71F6 (Continued) **S101589340**

SIC Code:	Not reported
Facility Phone:	7146340597
Mail To:	Not reported
Mailing Address:	3400 W METROPOLITAN
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ORANGE 92668
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

B10 **FIRESTONE STORE** **HIST UST** **U001577659**
WSW **3400 W METROPOLITAN DR** **N/A**
< 1/8 **ORANGE, CA 92668**
0.016 mi.
83 ft. **Site 2 of 5 in cluster B**

Relative: HIST UST:
Lower

Actual: Name:	FIRESTONE STORE
125 ft. Address:	3400 W METROPOLITAN DR
City,State,Zip:	ORANGE, CA 92668
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000031831
Facility Type:	Other
Other Type:	AUTO SERVICE CENTER
Contact Name:	LARRY RANG
Telephone:	7146340597
Owner Name:	FIRESTONE TIRE & RUBBER CO.
Owner Address:	1200 FIRESTONE PARKWAY
Owner City,St,Zip:	AKRON, OH 44317
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	3
Year Installed:	Not reported

FIRESTONE STORE (Continued) **U001577659**

Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

B11 **FIRESTONE STORE** **HIST UST** **S118410155**
WSW **3400 W METRROPOLITAN AVE** **N/A**
< 1/8 **ORANGE, CA 92668**
0.016 mi.
83 ft. **Site 3 of 5 in cluster B**

Relative: HIST UST:
Lower

Actual: Name:	FIRESTONE STORE
125 ft. Address:	3400 W METRROPOLITAN AVE
City,State,Zip:	ORANGE, CA 92668
File Number:	0002e908
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002e908.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

B12 **FORMER BRIDGESTONE FIRESTONE** **LUST** **S103444603**
WSW **3400 METROPOLITAN DR** **Cortese** **N/A**
< 1/8 **ORANGE, CA 92868** **CERS**
0.016 mi.
83 ft. **Site 4 of 5 in cluster B**

Relative:
Lower

Actual:
125 ft.

LUST:

Name:	FORMER BRIDGESTONE FIRESTONE
Address:	3400 METROPOLITAN
City,State,Zip:	ORANGE, CA 92868
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605902055
Global Id:	T0605902055
Latitude:	33.780519
Longitude:	-117.889577
Status:	Completed - Case Closed
Status Date:	09/27/2002
Case Worker:	Not reported
RB Case Number:	083003009T
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	98UT074
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	12/14/1984
Leak Reported Date:	12/14/1984
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Close and Remove Tank
Stop Description:	Not reported
No Further Action Date:	09/27/2002
CA Water Watershed Name:	Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Dwr Groundwater Subbasin Name:	Coastal Plain Of Orange County (8-001)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	66-70%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SANTA ANA RWQCB (REGION 8)
Site History:	Not reported

LUST:

Global Id:	T0605902055
Contact Type:	Regional Board Caseworker
Contact Name:	MAILE SEEGER GEE
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	maile.gee@waterboards.ca.gov
Phone Number:	9517824379

LUST:

FORMER BRIDGESTONE FIRESTONE (Continued) **S103444603**

Global Id: T0605902055
Action Type: Other
Date: 12/14/1984
Action: Leak Discovery

Global Id: T0605902055
Action Type: Other
Date: 12/14/1984
Action: Leak Reported

Global Id: T0605902055
Action Type: ENFORCEMENT
Date: 09/27/2002
Action: Closure/No Further Action Letter

LUST:
Global Id: T0605902055
Status: Open - Case Begin Date
Status Date: 12/14/1984

Global Id: T0605902055
Status: Completed - Case Closed
Status Date: 09/27/2002

LUST REG 8:

Name:	FORMER BRIDGESTONE FIRESTONE
Address:	3400 METROPOLITAN DR
City:	ORANGE
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083003009T
Local Case Num:	98UT074
Case Type:	Other ground water affected
Substance:	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:	T0605902055
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:	12/14/1984
Enforcement Date:	Not reported
Close Date:	9/27/2002
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported

FORMER BRIDGESTONE FIRESTONE (Continued) **S103444603**

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:	ND
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7813836
Longitude:	-117.8888677
MTBE Date:	3/12/2002
Max MTBE GW:	0
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	VJJ
Staff Initials:	AR
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

ORANGE CO. LUST:

Name:	FORMER BRIDGESTONE FIRESTONE
Address:	3400 METROPOLITAN DR
City,State,Zip:	ORANGE, CA 92868
Region:	ORANGE
Facility Id:	98UT074
Current Status:	CLOSED
Type of Closure:	Closure certification issued
Released Substance:	Not reported
Date Closed:	09/27/2002
File Location:	Local Agency

CORTESE:

Name:	FORMER BRIDGESTONE FIRESTONE
Address:	3400 METROPOLITAN
City,State,Zip:	ORANGE, CA 92868
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605902055
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported

FORMER BRIDGESTONE FIRESTONE (Continued) **S103444603**

Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	FORMER BRIDGESTONE FIRESTONE
Address:	3400 METROPOLITAN
City,State,Zip:	ORANGE, CA 92868
Site ID:	654694
CERS ID:	T0605902055
CERS Description:	Leaking Underground Storage Tank Cleanup Site

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B13 **FORMER BRIDGESTONE FIRESTONE** **UST FINDER RELEASE** **1028963419**
WSW **3400 METROPOLITAN** **N/A**
< 1/8 **ORANGE, CA 92868**
0.016 mi.
83 ft. **Site 5 of 5 in cluster B**

Relative:
Lower

Actual:
125 ft.

UST FINDER RELEASE:

Object ID:	67689
Facility ID:	Not reported
Lust ID:	CAT0605902055
Name:	FORMER BRIDGESTONE FIRESTONE
Address:	3400 METROPOLITAN
City,State,Zip:	ORANGE, CA 92868
Address Match Type:	StreetAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	2092
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA3010053_14124
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180702010001
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported

FORMER BRIDGESTONE FIRESTONE (Continued) **1028963419**

Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.88922
Y Coord:	33.7822200000001
Latitude:	33.78222
Longitude:	-117.889219999999

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14 **CITY SHOPPING CENTER** **HIST CORTESE** **S104758490**
NW **3400** **N/A**
< 1/8 **ORANGE, CA 92868**
0.033 mi.
172 ft.

Relative: **Lower**
Actual: **126 ft.**

HIST CORTESE:

edr_fname:	CITY SHOPPING CENTER
edr_fadd1:	3400
City,State,Zip:	ORANGE, CA 92868
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083003009T

C15 **ORANGE COUNTY SHERIFF CORONER DEPT** **UST FINDER** **1028192262**
NNW **501 THE CITY DR S** **N/A**
< 1/8 **ORANGE, CA 92868**
0.088 mi.
466 ft. **Site 1 of 8 in cluster C**

Relative: **Higher**
Actual: **127 ft.**

UST FINDER:

Object ID:	736493
Facility ID:	CA10526254
Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Address:	501 THE CITY DR S
City,State,Zip:	ORANGE, CA 92868
Address Match Type:	PointAddress
Open USTs:	1
Closed USTs:	Not reported
TOS USTs:	Not reported
Population 1500ft:	2387
Private Wells 1500ft:	-5806
Within 100yr Floodplain:	No
Land Use:	Developed, High Intensity
Within SPA:	Not reported
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA3010053_14124
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180702010001
Facility Status:	Open UST(s)
Date of Last Inspection:	Not reported
EPA Region:	9
Tribe:	Not reported

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **1028192262**

Coordinate Source:	Geocode
X Coord:	-117.888203998
Y Coord:	33.7824099850001
Latitude:	33.7824099854484
Longitude:	-117.888203998044

UST FINDER:

Object ID:	2273119
Facility ID:	CA10526254
Tank ID:	CA10526254-001_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1992/06/01 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	10000
Substances:	Diesel
Tank Wall Type:	Double Wall

C16 **ORANGE COUNTY SHERIFF CORONER DEPT** **CERS TANKS** **S112911826**
NNW **501 THE CITY DR S** **HWTS** **N/A**
< 1/8 **ORANGE, CA 92868** **HAZNET**
0.088 mi. **CERS**
466 ft. **Site 2 of 8 in cluster C**

Relative: Higher

Actual: 127 ft.

CERS TANKS:

Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Address:	501 THE CITY DR S
City,State,Zip:	ORANGE, CA 92868
Site ID:	417325
CERS ID:	10526254
CERS Description:	Underground Storage Tank

Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Address:	501 THE CITY DR S
City,State,Zip:	ORANGE, CA 92868
Site ID:	417325
CERS ID:	10526254
CERS Description:	Aboveground Petroleum Storage

HWTS:

Name:	COUNTY OF ORANGE
Address:	501 THE CITY DR
Address 2:	Not reported
City,State,Zip:	ORANGE, CA 92868
EPA ID:	CAC002318289
Inactive Date:	06/11/2001
Create Date:	06/19/2000
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	1102 E FRUIT ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SANTA ANA, CA 927010000
Owner Name:	COUNTY OF ORANGE
Owner Address:	1102 E FRUIT ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SANTA ANA, CA 927010000
Owner Phone:	Not reported
Owner Fax:	Not reported

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

Contact Name:	JOEY HERNANDEZ/ FACIL MGR .
Contact Address:	1102 E FRUIT ST
Contact Address 2:	Not reported
City,State,Zip:	SANTA ANA, CA 927010000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	33.781661
Longitude:	-117.888776

HAZNET:

Name:	COUNTY OF ORANGE
Address:	501 THE CITY DR
Address 2:	Not reported
City,State,Zip:	ORANGE, CA 928680000
Contact:	JOEY HERNANDEZ/ FACIL MGR .
Telephone:	7145677762
Mailing Name:	Not reported
Mailing Address:	1102 E FRUIT ST
Year:	2000
Gepaid:	CAC002318289
TSD EPA ID:	CAT080013352
CA Waste Code:	343 - Unspecified organic liquid mixture
Disposal Method:	R01 - Recycler
Tons:	0.272

Additional Info:

Year:	2000
Gen EPA ID:	CAC002318289
Shipment Date:	20000621
Creation Date:	9/11/2000 0:00:00
Receipt Date:	20000626
Manifest ID:	20103744
Trans EPA ID:	CAL000159893
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT080013352
Trans Name:	Not reported
TSDF Alt EPA ID:	CAT080013352
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.272
Waste Quantity:	80
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

Additional Code 5: Not reported

CERS:
Name: ORANGE COUNTY SHERIFF CORONER DEPT
Address: 501 THE CITY DR S
City,State,Zip: ORANGE, CA 92868
Site ID: 417325
CERS ID: 10526254
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 417325
Site Name: ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date: 07-30-2019
Citation: HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 06/01/2020. CFR on CERS has expired. Upload current CFR and resubmit.
Violation Division: Orange City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 417325
Site Name: ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date: 05-04-2017
Citation: HSC 6.7 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c), 25290.2(c), 25291(a)(2), 25292(e)
Violation Description: Failure to maintain secondary containment (e.g. failure of secondary containment testing).
Violation Notes: Returned to compliance on 08/29/2017. return and supply failed at the boot
Violation Division: Orange City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 417325
Site Name: ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date: 07-19-2017
Citation: 23 CCR 16 2715(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)
Violation Description: Failure to notify the CUPA of the designated operator (DO) identification and/or change of the DO within 30 days.
Violation Notes: Returned to compliance on 10/24/2017. all system
Violation Division: Orange City Fire Department
Violation Program: UST
Violation Source: CERS,

Site ID: 417325
Site Name: ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date: 07-22-2014
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

Violation Notes:	Returned to compliance on 07/25/2014.
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	07-22-2014
Citation:	HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Description:	UST Program - Administration/Documentation - General
Violation Notes:	Returned to compliance on 07/25/2014.
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	07-24-2013
Citation:	HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description:	Failure to prepare, maintain, and submit accurate CUPA UST Operating Permit Application for Facility information and/or Tank information.
Violation Notes:	Returned to compliance on 05/06/2014. Current UST A & B Form
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	07-30-2019
Citation:	23 CCR 16 2666(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(f)
Violation Description:	Failure of the functional line leak detector (LLD) to monitor at least hourly with the capability of detecting a release of 3.0 gallons per hour leak at 10 pounds per square inch and restrict or shut off the flow of product through the piping or triggers a visual and audible alarm.
Violation Notes:	Returned to compliance on 12/17/2019. Emergency generator DW pressurized lines need a line leak detector.
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	07-30-2019
Citation:	23 CCR 16 2715(a)(1)(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(a)(1)(B)
Violation Description:	Failure to submit the Designated Underground Storage Tank Operator Identification Form within 30 days of installing a UST system or within 30 days of a change in DO.
Violation Notes:	Returned to compliance on 10/23/2019. DO ID form expired. Update and upload to CERS.
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	07-20-2016
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to perform an annual line integrity test for pressurized double-walled piping that does not utilize fail safe or positive shut down.
Violation Notes:	Returned to compliance on 12/20/2016. diesel
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	10-25-2022
Citation:	23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Description:	Failure to have a properly qualified service technician test leak detection equipment as required every 12 months (vapor, pressure, hydrostatic (VPH) system, sensors, line-leak detectors (LLD), automatic tank gauge (ATG), etc.).
Violation Notes:	Returned to compliance on 10/25/2022. Failed to test UST annually. Corrected 10/25/2022.
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	09-17-2015
Citation:	23 CCR 16 2638 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638
Violation Description:	Failure to test leak detection equipment as required every 12 months (VPH, sensor, LLD, ATG, etc.) and/or submit monitoring system certification to the CUPA within 30 days of completion of the test
Violation Notes:	Returned to compliance on 09/17/2015. Monitoring cert was completed out of compliance date, due to pending contractor clearance by OCSD.
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,

Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	01-20-2016
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide training regarding: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan.
Violation Notes:	Returned to compliance on 07/03/2017. OBSERVATION: Failure to provide training regarding one or more of the following: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

	the SPCC Plan. CORRECTIVE ACTION: Provide training in: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	07-19-2017
Citation:	23 CCR 16 2637 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2637
Violation Description:	Failure to conduct secondary containment testing, or one or more of the following requirements: Perform the test within six months of installation and every 36 months thereafter.Use a procedure that demonstrates the system works as well as at installation.Use applicable manufacturer guidelines, industry codes, engineering standard, or professional engineer approval.Performed by a certified service technician or a licensed tank tester.
Violation Notes:	Returned to compliance on 08/29/2017. boot failed at the diesel supply and return line
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	07-24-2013
Citation:	HSC 6.7 25292(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(e)
Violation Description:	Failure to maintain secondary containment, as evidenced by failure of secondary containment testing.
Violation Notes:	Returned to compliance on 05/06/2014. Secondary containment must be tested as required. SB989 has failed repeatedly
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	10-25-2022
Citation:	HSC 6.7 25292.2(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.2(a)
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 10/26/2022. Please upload current CFR.RTC 10/26/2022.
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	07-18-2018
Citation:	23 CCR 16 2632(c)(2)(A)&(B) - California Code of Regulations, Title

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

	23, Chapter 16, Section(s) 2632(c)(2)(A)&(B)
Violation Description:	Failure to continuously monitor the interstitial space of a double-walled tank with an audible and visual alarm system.
Violation Notes:	Returned to compliance on 07/30/2018. annual failed. Will not come out of alarm.
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	07-24-2013
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	Returned to compliance on 05/06/2014. Owner/Operator agreement submitted
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	07-22-2014
Citation:	23 CCR 16 2711(a)(8) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2711(a)(8)
Violation Description:	Failure to submit, obtain approval, or maintain a complete/accurate plot plan.
Violation Notes:	Returned to compliance on 07/25/2014.
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,
Site ID:	417325
Site Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Violation Date:	10-25-2022
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "
Violation Notes:	Returned to compliance on 10/25/2022. Failed to test spill bucket annually. Corrected 10/25/2022.
Violation Division:	Orange City Fire Department
Violation Program:	UST
Violation Source:	CERS,

Evaluation:

Eval General Type:	Other/Unknown

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

Eval Date: 05-06-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB989
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-27-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB989
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: field verification
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: field verification. ***Suction System***No violations noted during annual monitoring certification.
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-20-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: field verification.
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-22-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: field verification. LLD permit completed
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2021
Violations Found: No

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

Eval Type: Routine done by local agency
Eval Notes: field verification.
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-27-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: overfill testing.
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Violation noted and abated during inspection.
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 10-25-2022
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: field verification.
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-10-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Esubmit had no information accessible to me. I left a message on the contact number for this faciltiy requesting a call back. I also emailed the email address that I had avilablre in EC. He replied and stated that there was not a county facility at that address. He was not the person to contact and could not help me. Dean PAW accessed esubmit info for Orange's haz mat submittals and obtained contact info. DOUG CAMPBELL Facilities OPERATIONS WAS CONTACTED AND WILL PROVIDE ME WITH A FORM TO FILL OUT FOR A BACKGROUND CHECK so that I may have access to inspect. From: Krall, Joyce Sent: Thursday, December 10, 2015 9:44 AM To: Schuch, Gregory S [OCSD] Subject: ACCESS TO APST INSPECT OCSD FACILITY 501 THE CITY DR S Importance: High Hello Mr. Church, I am the hazardous waste specialist, OCHCA, who handles several environmental programs for the city of Orange. The above subject facility requires an above ground storage tank (APST) inspection. Are you the facility s [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

Eval Date: 04-10-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Updating record to attach historical copy of response to email from Jeff Higbee requesting information as to the requirement for annual APSA submittal: From: Wales, Lisa Sent: Monday, March 18, 2019 9:26 AM To: 'Higbee, Jeffrey' <jeffreyhigbee@ocfa.org> Cc: Hendron, James <JHendron@ochca.com>; 'jonathanbredehoft@ocfa.org' <jonathanbredehoft@ocfa.org> Subject: RE: CERS NOT ACCEPTED - Station 49 Hi Jeff, I m not sure what you are not understanding. The email that I sent on Friday listed the section that requires the submittal. You have listed the second section, Section (a)(2), which indicates that you may use your HMBEP to satisfy the information required in the tank facility statement, but under section (a)(1), it states that you must file the tank facility statement, i.e. submitting the APSA element. Section (a)(2) allows you to use the provided elsewhere in CERS option. The three sections that you submitted satisfy the annual HMBEP notification and can also [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-19-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS ACCEPTED - Facility Information
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-22-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Monitoring plot plan submitted? Current UST Financial Responsibility Emergency Response plan must be current. Current UST A & B Form
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-24-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-20-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: line test
Eval Division: Orange County Environmental Health
Eval Program: UST

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-11-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS ID 10526254 APSA submittal dated 12/28/18 and Facility Information submittal dated 2/6/19 are both accepted.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-22-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Prepared for inspection.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-27-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: field verification.
Eval Division: Orange City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-30-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: overfill testing.
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-09-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Called facility to schedule inspection, no date confirmed
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-03-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Lft message on Ed B’s old number requesting access to inspect.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

Eval General Type: Other/Unknown
Eval Date: 01-02-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS ID 10526254 Facility Information submittal dated 12/28/18 is accepted. Note - Facility checked no for hazwaste on business activities, but has an inactive CAL EPA ID number associated but no uniform hazwaste manifests uploaded on HWTS. Verify if facility is generating hazwaste.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-20-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site for a routine inspection for the above ground petroleum storage tank. This site uses a 3000 gallon above ground diesel tank for a back-up generator with a 200 gallon day tank. Observed the tank and generator. Tank inspection logs are complete and current. The SPCC Plan is on site and available for review. .
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-04-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: SB989
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-05-2023
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB989 testing.
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: field verification.
Eval Division: Orange City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-19-2017
Violations Found: Yes
Eval Type: Routine done by local agency

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

Eval Notes: field verification
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-30-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: field verification.
Eval Division: Orange City Fire Department
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-17-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Orange City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-19-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: looked into contacts to arrange an inspection
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-20-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS OW/BA x 3
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-09-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: no returned call received. cheecked CERS , since its a haz mat disclosure facility, for current contact info. no submissions. will check esubmit .
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-21-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: From: Krall, Joyce Sent: Monday, December 21, 2015 9:25 AM To:

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

'Campbell, Douglas R' Subject: RE: background form Hello Doug, Thank you for the forms. You had mentioned that my coworker Jeff Nofal had already completed the required forms and received clearance. Does the clearance that he has allow him entry to do the required APSA inspection for this facility? If so, we can have him do the inspection and not myself. Please advise. Regards, Joyce Krall, REHS Hazardous Waste Specialist III Environmental Health, Health Care Agency Direct: 714.640.9685 Website | Facebook | Twitter From: Campbell, Douglas R [mailto:DCampbell@ocsd.org] Sent: Thursday, December 10, 2015 10:36 AM To: Krall, Joyce Subject: background form Hello, here are the forms you need to fill out and send them back to me. Thank you, Douglas Campbell OC Sheriff s Dept Shop Planner 431 The City Drive South Orange, CA 92868 (714) 935-6828

Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Enforcement Action:
Site ID: 417325
Site Name: ORANGE COUNTY SHERIFF CORONER DEPT
Site Address: 501 THE CITY DR S
Site City: ORANGE
Site Zip: 92868
Enf Action Date: 07-22-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Orange County Environmental Health
Enf Action Program: UNSPEC
Enf Action Source: CERS,

Site ID: 417325
Site Name: ORANGE COUNTY SHERIFF CORONER DEPT
Site Address: 501 THE CITY DR S
Site City: ORANGE
Site Zip: 92868
Enf Action Date: 07-22-2014
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Orange County Environmental Health
Enf Action Program: UST
Enf Action Source: CERS,

Coordinates:
Site ID: 417325
Facility Name: ORANGE COUNTY SHERIFF CORONER DEPT
Env Int Type Code: APSA
Program ID: 10526254
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.782260
Longitude: -117.888780

Affiliation:
Affiliation Type Desc: Parent Corporation

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

Entity Name:	Orange County Sheriff's Department
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Orange County Sheriff - Communication
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(714) 935-6858,
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406,
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Orange County Sheriffs Dept
Entity Title:	Not reported
Affiliation Address:	431 The City Drive South
Affiliation City:	Orange
Affiliation State:	ca
Affiliation Country:	United States
Affiliation Zip:	92868
Affiliation Phone:	(714) 935-6858,
Affiliation Type Desc:	Document Preparer
Entity Name:	GLENN BLOUNTS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Gary Schade / Compliance Manager
Entity Title:	Not reported
Affiliation Address:	431 The City Drive South
Affiliation City:	Orange
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92868

ORANGE COUNTY SHERIFF CORONER DEPT (Continued) **S112911826**

Affiliation Phone: ,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 431 The City Drive South
Affiliation City: Orange
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92868
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Gary Schade
Entity Title: Compliance Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: County of Orange
Entity Title: Not reported
Affiliation Address: 431 The City Drive South
Affiliation City: Orange
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92868
Affiliation Phone: (714) 935-6879,

Affiliation Type Desc: UST Tank Operator
Entity Name: Orange County Sheriffs Dept
Entity Title: Not reported
Affiliation Address: 431 The City Drive South
Affiliation City: Orange
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92868
Affiliation Phone: (714) 935-6858,

Affiliation Type Desc: UST Tank Owner
Entity Name: Orange County Sheriffs Dept
Entity Title: Not reported
Affiliation Address: 431 The City Drive South
Affiliation City: Orange
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92868
Affiliation Phone: (714) 935-6858,

C17 **ORANGE COUNTY SHERIFF CORONER DEPT** **UST** **U004264483**
NNW **501 THE CITY DR S** **N/A**
< 1/8 **ORANGE, CA 92868**
0.088 mi.
466 ft. **Site 3 of 8 in cluster C**

Relative:
Higher

Actual:
127 ft.

UST:

Name:	ORANGE COUNTY SHERIFF CORONER DEPT
Address:	501 THE CITY DR S
City,State,Zip:	ORANGE, CA 92868
Facility ID:	FA0048845
Permitting Agency:	Orange County Environmental Health
CERSID:	10526254
Latitude:	33.7822600
Longitude:	-117.888780
Owner type:	County Agency
Facility type:	Other
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	Orange County Sheriffs Dept
Tank owner mailing address:	431 The City Drive South
Tank owner mailing city:	Orange
Tank owner mailing zip:	92868
Tank owner mailing state:	CA
Tank operator name:	Orange County Sheriffs Dept
Tank operator mailing address:	431 The City Drive South
Tank operator mailing city:	Orange
Tank operator mailing zip:	92868
Tank operator mailing state:	CA
Tankidnumber:	00010881
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	6/1/1992 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Diesel
Tank capacity gallons:	10000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	No
Tank alarms:	Yes
Tank ball float:	No
Tank spill bucket:	Yes

C18
NNW
< 1/8
0.088 mi.
466 ft.

501 THE CITY DR S
ORANGE, CA

Site 4 of 8 in cluster C

AST **A100226647**
N/A

Relative:
Higher

Actual:
127 ft.

AST:

Name:	Not reported
Address:	501 THE CITY DR S
City/Zip:	ORANGE,
Certified Unified Program Agencies:	Orange
Owner:	ORANGE COUNTY SHERIFF CORONER DEPT
Total Gallons:	1,320
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

C19
NNW
< 1/8
0.088 mi.
466 ft.

THEO LACY JAIL EXPANSION
501 CITY DRIVE SOUTH
ORANGE, CA 92668

Site 5 of 8 in cluster C

SWEEPS UST **S103991160**
EMI **N/A**

Relative:
Higher

Actual:
127 ft.

SWEEPS UST:

Name:	THEO LACY JAIL EXPANSION
Address:	501 CITY DRIVE SOUTH
City:	ORANGE
Status:	Active
Comp Number:	800006
Number:	5
Board Of Equalization:	Not reported
Referral Date:	04-02-92
Action Date:	02-17-94
Created Date:	04-02-92
Owner Tank Id:	1
SWRCB Tank Id:	30-030-800006-000001
Tank Status:	A
Capacity:	10000
Active Date:	04-02-92

THEO LACY JAIL EXPANSION (Continued) **S103991160**

Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

EMI:

Name:	OR. CO., THEO LACY BRANCH JAIL
Address:	501 CITY DRIVE SOUTH
City,State,Zip:	ORANGE, CA 92668
Year:	1987
County Code:	30
Air Basin:	SC
Facility ID:	17838
Air District Name:	SC
SIC Code:	8221
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:	1
Reactive Organic Gases Tons/Yr:	1
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

Name:	ORANGE COUNTY (THEO LACY BRANC
Address:	501 CITY DRIVE
City,State,Zip:	ORANGE, CA 92668
Year:	1990
County Code:	30
Air Basin:	SC
Facility ID:	17838
Air District Name:	SC
SIC Code:	9223
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

C20 **GSA SERVICE STATION #2** **LUST** **S105025364**
NNW **485 THE CITY DRIVE SOUTH** **Cortese** **N/A**
< 1/8 **ORANGE, CA 92668** **HIST CORTESE**
0.120 mi. **CERS**
634 ft. **Site 6 of 8 in cluster C**

Relative: Higher
Actual: 127 ft.

LUST:

Name:	GSA SERVICE STATION #2
Address:	485 THE CITY DRIVE SOUTH
City,State,Zip:	ORANGE, CA 92668
Lead Agency:	ORANGE, CITY OF

GSA SERVICE STATION #2 (Continued) **S105025364**

Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901598
Global Id:	T0605901598
Latitude:	33.7811117
Longitude:	-117.8887186
Status:	Completed - Case Closed
Status Date:	12/16/1992
Case Worker:	UNK
RB Case Number:	083002159T
Local Agency:	ORANGE, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	09/08/1992
Leak Reported Date:	09/08/1992
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	12/16/1992
CA Water Watershed Name:	Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Dwr Groundwater Subbasin Name:	Coastal Plain Of Orange County (8-001)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	66-70%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SANTA ANA RWQCB (REGION 8)
Site History:	Not reported

LUST:

Global Id:	T0605901598
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	UNK
Organization Name:	ORANGE, CITY OF
Address:	Not reported
City:	r8 UNKNOWN
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0605901598
Action Type:	Other
Date:	09/08/1992
Action:	Leak Discovery

Global Id:	T0605901598
Action Type:	Other
Date:	09/08/1992
Action:	Leak Reported

GSA SERVICE STATION #2 (Continued) **S105025364**

Global Id: T0605901598
Action Type: Other
Date: 09/08/1992
Action: Leak Stopped

LUST:
Global Id: T0605901598
Status: Open - Case Begin Date
Status Date: 09/08/1992

Global Id: T0605901598
Status: Open - Site Assessment
Status Date: 09/08/1992

Global Id: T0605901598
Status: Open - Site Assessment
Status Date: 10/12/1992

Global Id: T0605901598
Status: Open - Remediation
Status Date: 12/08/1992

Global Id: T0605901598
Status: Completed - Case Closed
Status Date: 12/16/1992

LUST REG 8:
Name: GSA SERVICE STATION #2
Address: 485 THE CITY DRIVE SOUTH
City: ORANGE
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Preliminary site assessment underway
Case Number: 083002159T
Local Case Num: Not reported
Case Type: Soil only
Substance: Unleaded Gasoline
Qty Leaked: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site
Cross Street: JUSTICE CENTER
Enf Type: Not reported
Funding: Not reported
How Discovered: Tank Closure
How Stopped: Not reported
Leak Cause: UNK
Leak Source: UNK
Global ID: T0605901598
How Stopped Date: 9/8/1992
Enter Date: 12/24/1992
Date Confirmation of Leak Began: 9/8/1992
Date Preliminary Assessment Began: 11/12/1993
Discover Date: 9/8/1992
Enforcement Date: Not reported

GSA SERVICE STATION #2 (Continued) **S105025364**

Close Date:	12/16/1992
Date Prelim Assessment Workplan Submitted:	10/12/1992
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	12/8/1992
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	12/24/1992
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7805586
Longitude:	-117.8886166
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:	NOM
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	Orange, Orange County
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

CORTESE:

Name:	GSA SERVICE STATION #2
Address:	485 THE CITY DRIVE SOUTH
City,State,Zip:	ORANGE, CA 92668
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605901598
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported

GSA SERVICE STATION #2 (Continued) **S105025364**

File Name: Active Open

HIST CORTESE:
edr_fname: GSA SERVICE STATION #2
edr_fadd1: 485 CITY
City,State,Zip: ORANGE, CA 92668
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083002159T

CERS:
Name: GSA SERVICE STATION #2
Address: 485 THE CITY DRIVE SOUTH
City,State,Zip: ORANGE, CA 92668
Site ID: 658759
CERS ID: T0605901598
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: UNK - ORANGE, CITY OF
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: r8 UNKNOWN
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

C21 **GSA SERVICE STATION #2** **UST FINDER RELEASE** **1028972508**
NNW **485 THE CITY DRIVE SOUTH** **N/A**
< 1/8 **ORANGE, CA 92668**
0.120 mi.
634 ft. **Site 7 of 8 in cluster C**

Relative:
Higher

Actual:
127 ft.

UST FINDER RELEASE:
Object ID: 67711
Facility ID: Not reported
Lust ID: CAT0605901598
Name: GSA SERVICE STATION #2
Address: 485 THE CITY DRIVE SOUTH
City,State,Zip: ORANGE, CA 92668
Address Match Type: StreetAddress
Reported Date: Not reported
Status: No Further Action
Substance: Not reported
Population within 1500ft: 2315
Domestic Wells within 1500ft: 0
Land Use: Developed, High Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: Yes

GSA SERVICE STATION #2 (Continued) **1028972508**

WHPA PWS Facility ID:	CA3010053_14124
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180702010001
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.88893
Y Coord:	33.7826600000001
Latitude:	33.78266
Longitude:	-117.88893

C22 **GSA/TRANSPORTATION SERVICE STA** **HIST UST** **U001577663**
NNW **485 THE CITY DRIVE SOUTH** **N/A**
< 1/8 **ORANGE, CA 92668**
0.120 mi.
634 ft. **Site 8 of 8 in cluster C**

Relative:
Higher

Actual:
127 ft.

HIST UST:

Name:	GSA/TRANSPORTATION SERVICE STA
Address:	485 THE CITY DRIVE SOUTH
City,State,Zip:	ORANGE, CA 92668
File Number:	0002e81c
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002e81c.pdf
Region:	STATE
Facility ID:	00000011656
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	ED FINN
Telephone:	7148342512
Owner Name:	COUNTY OF ORANGE-GSA/TRANSPORT
Owner Address:	445 CIVIC CENTER DRIVE WEST
Owner City,St,Zip:	SANTA ANA, CA 92701
Total Tanks:	0004
Tank Num:	001
Container Num:	21
Year Installed:	1962
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	22
Year Installed:	1962
Tank Capacity:	00005000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

GSA/TRANSPORTATION SERVICE STA (Continued) **U001577663**

Tank Num:	003
Container Num:	23
Year Installed:	1962
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	004
Container Num:	24
Year Installed:	1962
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

D23 **SHERWIN-WILLIAMS #4360** **CERS HAZ WASTE** **S127116823**
SE **2941 N HESPERIAN ST STE A** **HWTS** **N/A**
1/8-1/4 **SANTA ANA, CA 92706** **HAZNET**
0.143 mi.
754 ft. **Site 1 of 15 in cluster D**

Relative: **Lower**
Actual: **125 ft.**

CERS HAZ WASTE:

Name:	SHERWIN-WILLIAMS #4360
Address:	2941 N HESPERIAN ST STE A
City,State,Zip:	SANTA ANA, CA 92706
Site ID:	629637
CERS ID:	10586698
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	629637
Site Name:	SHERWIN-WILLIAMS #4360
Violation Date:	01-19-2016
Citation:	22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Description:	Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.
Violation Notes:	Returned to compliance on 01/19/2016. The accumulation start date was not shown on the waste containers. The empty paint toner bottles were not labeled.
Violation Division:	Orange County Environmental Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	629637
Site Name:	SHERWIN-WILLIAMS #4360
Violation Date:	01-19-2016
Citation:	22 CCR 23 66273.35 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.35
Violation Description:	Failure of the universal waste handler to properly process accumulated universal waste within a maximum accumulation time of one year and /or

SHERWIN-WILLIAMS #4360 (Continued) **S127116823**

demonstrate the length of time that the universal waste has been accumulated from the date it became a waste or was received. The universal waste handler may make this demonstration by: 1) Placing the universal waste in a container and marking or labeling the container with the earliest date that any universal waste in the container became a waste or was received; 2) Marking or labeling the individual item of universal waste (e.g., each battery or thermostat) with the date it became a waste or was received; 3) Maintaining an inventory system onsite that identifies the date the universal waste being accumulated became a waste or was received; 4) Maintaining an inventory system onsite that identifies the earliest date that any universal waste in a group of items of universal waste or a group of containers of universal waste became a waste or was received; 5) Placing the universal waste in a specific accumulation area and marking or labeling the area to identify the earliest date that any universal waste in the area became a waste or was received; or 6) Any other method which clearly demonstrates the length of time that the universal waste has been accumulated from the date it became a waste or was received.

Violation Notes: Returned to compliance on 01/19/2016. Fluorescent lamps with an accumulation start date of 1/9/15 were found on site during the inspection on 1/19/15.
Violation Division: Orange County Environmental Health
Violation Program: HW
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-05-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: File review to prep for inspection.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-05-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: File review to prep for inspection.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Inspectors Jonathan Alaniz and Terry Carrier were on site for a routine hazardous materials inspection. Kevin Seo gave consent to perform the inspection and take any necessary photos. Observed the facility and inspected hazardous materials storage. The following materials were observed in amounts that meet or exceed the minimum volumes required for disclosure: -Waste debris contaminated with solvent based coatings, one 55 gallon drum, hazardous waste manifests indicated that this material was over the 500 pound disclosure

SHERWIN-WILLIAMS #4360 (Continued) **S127116823**

threshold. The other hazardous materials listed in the CERS chemical inventory did not reach threshold quantities. A hard copy of the business emergency was available on site for review. Annual employee training is conducted. The facility is responsible for identifying all hazardous materials, to include hazardous wastes, which are above disclosure thresholds. If there is a change in the type or amount of chemicals that are maintained on [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS CERS ID: 10586698 Facility inspection conducted with Julie Angulo This Sherwin-Williams was closed back in November 2017 but its now being reopened. Business is resuming all previous operations. Business does not currently have a new HMBEP in CERS. Please submit a new HMBEP in CERS within 30 days. Reminder: Please re-certify your HMBP on or before March 1 at www.cers.calepa.ca.gov
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS Facility inspection conducted with Julie Angulo This Sherwin-Williams was closed back in November 2017 but is now being reopened. Business is resuming all previous operations. Business has not yet resumed generating hazardous waste. When generation of hazardous waste resumes, business will properly maintain storage area, containers, labels, manifests, etc. No violation observed on this date.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-12-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This agency has received the signed CRC dated 4/12/16. Violation (I181) has been corrected and closed.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This agency has received the signed CRC document dated 1/19/2016. Violations I181 and I400 were corrected and cleared.
Eval Division: Orange County Environmental Health

SHERWIN-WILLIAMS #4360 (Continued) **S127116823**

Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-05-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submission package on CERS Portal, DENIED. Request for re-submittal this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-26-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submission package on eSubmit Portal, DENIED. Request for re-submittal this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 2016 submittal CERS review: Not Accepted - miss-information - facility states exempt retail, but included HM and some HW above & below threshold
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-05-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed haz mat disclosure in the CERS portal. It was declined and request made to update and resubmit in the next 30 days.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-15-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency

SHERWIN-WILLIAMS #4360 (Continued) **S127116823**

Eval Notes: Reviewed submission in the CERS portal. This submission has been accepted for the following: Business Activities, Business Owner/Operator ID, chemical inventory for 4 chemicals, BEP and training documentation.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-27-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submission package on eSubmit Portal, DENIED. Request for re-submittal this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-03-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submission package on eSubmit Portal, DENIED. Request for re-submittal this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site for routine Hazardous Waste inspection. Facility is closed and the building is empty. Asked a neighboring business about the closure and they explained the facility is only closed for remodeling. They were not sure when it would reopen but said it should be up and running in a few months.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-06-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and printed HMBEP for upcoming inspection.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Not reported
Eval Division: Orange County Environmental Health
Eval Program: HMRRP

SHERWIN-WILLIAMS #4360 (Continued) **S127116823**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-19-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Inspectors Jonathan Alaniz and Terry Carrier were on site for a routine hazardous waste inspection. Kevin Seo gave consent to perform the inspection and take any necessary photos. Walked throughout the facility. Observed hazardous waste storage areas. Containers were closed. The empty paint toner bottle container was not labeled. The oil based paint waste and water based paint waste labels were missing the accumulation start date. A violation was issued for the labels. Mr. Seo corrected this violation during the inspection. The accumulation start date was 11/2015. Universal waste consisting of fluorescent tubes was stored at the facility. The waste had an accumulation start date of 1/9/2015. A violation was issued since the universal had been present on site for more than one year. Manifests were available and reviewed. Mr. Seo verified that employees are trained to handle wastes and spills and that the waste containers are inspected on a weekly basis. The trash [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-28-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submission package on eSubmit Portal, DENIED. Request for re-submittal this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 2016 re-submit: Facility now reporting 1 HazMat above threshold = HW. Will remain as Stat 04
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-19-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 2016 submittal CERS review: Facility reporting as HW generator
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-09-2015
Violations Found: No

SHERWIN-WILLIAMS #4360 (Continued) **S127116823**

Eval Type: Other, not routine, done by local agency
Eval Notes: CERS review - HW & Consumer Products listed. Need inspection/validation
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-11-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received email response from Becky Leone regarding inquiry for Solvent Based coatings (below) - Accepted submittal. "The Solvent Based coating that was reported on the inventory are items that we do not usually sell to the general public, they are more specialized items. We only have a few that reside on the sales floor most are kept in the warehouse." - Becky Leone
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-21-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Set facility as a stat 03. Facility was damaged in a fire and is temprarily closed.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed the facility's CERS HMBEP Submission. Facility Information not accepted - Edit your Site Identification for your facility address and remove the "A" after 2941 and indicate Suite A.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site for routine Hazardous Materials inspection. Facility is closed and the building is empty. Asked a neighboring business about the closure and they explained the facility is only closed for remodeling. They were not sure when it would reopen but said it should be up and running in a few months.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-19-2017

SHERWIN-WILLIAMS #4360 (Continued) **S127116823**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Requested edits from previous CERS submittal were made.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer RoadSuite 120
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705-5611
Affiliation Phone: (714) 433-6406,

Affiliation Type Desc: Identification Signer
Entity Name: Yenny Khuu
Entity Title: EHS Manager
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: THE SHERWIN-WILLIAMS CO
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (216) 566-1710,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2941 N HESPERIAN ST SUITE A
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92706
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Sherwin-Williams Company
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

SHERWIN-WILLIAMS #4360 (Continued) **S127116823**

Affiliation Type Desc:	Property Owner
Entity Name:	THOMAS DUCTHIEN PHAM
Entity Title:	Not reported
Affiliation Address:	2888 N. Sawgrass Drive
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92867
Affiliation Phone:	(714) 890-2250,

Affiliation Type Desc:	Document Preparer
Entity Name:	Yenny Khuu
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Yenny Khuu
Entity Title:	Not reported
Affiliation Address:	2100 W. Orangewood Ave. Ste100
Affiliation City:	Orange
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92868
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	THE SHERWIN-WILLIAMS CO
Entity Title:	Not reported
Affiliation Address:	101 Prospect Ave NW, 1000 Midland Building
Affiliation City:	Cleveland
Affiliation State:	OH
Affiliation Country:	United States
Affiliation Zip:	44115
Affiliation Phone:	(216) 566-1710,

HWTS:

Name:	US SAMSON CONSTRUCTION
Address:	2941 N HESPERIAN ST
Address 2:	Not reported
City,State,Zip:	SANTA ANA, CA 92706
EPA ID:	CAC003107275
Inactive Date:	05/27/2021
Create Date:	02/25/2021
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	230 AVENIDA GRANADA
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN CLEMENTE, CA 92672
Owner Name:	US SAMSON CONSTRUCTION
Owner Address:	230 AVENIDA GRANADA
Owner Address 2:	Not reported

SHERWIN-WILLIAMS #4360 (Continued) **S127116823**

Owner City,State,Zip:	SAN CLEMENTE, CA 92672
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	GEORGE ALVAREZ
Contact Address:	230 AVENIDA GRANADA
Contact Address 2:	Not reported
City,State,Zip:	SAN CLEMENTE, CA 92672
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	33.7785
Longitude:	-117.885098

HAZNET:

Name:	US SAMSON CONSTRUCTION
Address:	2941 N HESPERIAN ST
Address 2:	Not reported
City,State,Zip:	SANTA ANA, CA 92706
Contact:	GEORGE ALVAREZ
Telephone:	7149254898
Mailing Name:	Not reported
Mailing Address:	230 AVENIDA GRANADA
Year:	2021
Gepaid:	CAC003107275
TSD EPA ID:	AZR000520882
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23

D24 **THE SHERWIN WILLIAMS STORE 704360** **RCRA-SQG 1000857645**
SE **2941 N HESPERIAN UNIT A** **FINDS CAD983670886**
1/8-1/4 **SANTA ANA, CA 92706**
0.143 mi.
754 ft. **Site 2 of 15 in cluster D**

Relative: **Lower**
Actual: **125 ft.**

RCRA Listings:

Date Form Received by Agency:	20230202
Handler Name:	The Sherwin Williams Store 704360
Handler Address:	2941 N HESPERIAN UNIT A
Handler City,State,Zip:	SANTA ANA, CA 92706
EPA ID:	CAD983670886
Contact Name:	YENNY KHUU
Contact Address:	2100 W, ORANGEWOOD AVE STE 100
Contact City,State,Zip:	ORANGE, CA 92868
Contact Telephone:	714-474-7617
Contact Fax:	Not reported
Contact Email:	YENNY.KHUU@SHERWIN.COM
Contact Title:	EHS MANAGER
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported

THE SHERWIN WILLIAMS STORE 704360 (Continued) **1000857645**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2941 N HESPERIAN UNIT A
Mailing City,State,Zip:	SANTA ANA, CA 92706
Owner Name:	Thcj, Llc Attn: Thomas Pham
Owner Type:	Private
Operator Name:	Sherwin Williams Co
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20230203
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	Ignitable Waste

THE SHERWIN WILLIAMS STORE 704360 (Continued) **1000857645**

Waste Code: D002
Waste Description: Corrosive Waste

Waste Code: D003
Waste Description: Reactive Waste

Waste Code: D035
Waste Description: Methyl Ethyl Ketone

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: THCJ, LLC ATTN: THOMAS PHAM
Legal Status: Private
Date Became Current: 20030301
Date Ended Current: Not reported
Owner/Operator Address: 2941 N HESPERIAN ST, SUITE B
Owner/Operator City,State,Zip: SANTA ANA, CA 92706-1109
Owner/Operator Telephone: 714-890-2250
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: WEBUYCISCO2@GMAIL.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: SHERWIN WILLIAMS CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 101 PROSPECT AVE
Owner/Operator City,State,Zip: CLEVELAND, OH 44115
Owner/Operator Telephone: 216-566-2000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SHERWIN WILLIAMS CO
Legal Status: Private
Date Became Current: 20030301
Date Ended Current: Not reported
Owner/Operator Address: 101 W. PROSPECT AVE.
Owner/Operator City,State,Zip: CLEVELAND, OH 44115
Owner/Operator Telephone: 216-566-1710
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: CAROL.F.DOE@SHERWIN.COM

Historic Generators:
Receive Date: 19930707
Handler Name: THE SHERWIN WILLIAMS CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

THE SHERWIN WILLIAMS STORE 704360 (Continued) **1000857645**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20230202
Handler Name: THE SHERWIN WILLIAMS STORE 704360
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44412
NAICS Description: PAINT AND WALLPAPER RETAILERS

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002901049

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
California's Hazardous Waste Tracking System Data Mart (HWTS-DATAMART) provides information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

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

D25 **US SAMSON CONSTRUCTION** **RCRA NonGen / NLR** **1026718676**
SE **2941 N HESPERIAN ST** **CAC003107275**
1/8-1/4 **SANTA ANA, CA 92706**
0.143 mi.
754 ft. **Site 3 of 15 in cluster D**

Relative: RCRA Listings:
Lower Date Form Received by Agency: 20210225
Actual: Handler Name: Us Samson Construction
125 ft. Handler Address: 2941 N HESPERIAN ST

US SAMSON CONSTRUCTION (Continued) **1026718676**

Handler City,State,Zip:	SANTA ANA, CA 92706
EPA ID:	CAC003107275
Contact Name:	GEORGE ALVAREZ
Contact Address:	230 AVENIDA GRANADA
Contact City,State,Zip:	SAN CLEMENTE, CA 92672
Contact Telephone:	714-925-4898
Contact Fax:	Not reported
Contact Email:	ADMIN@USSAMSONINC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	230 AVENIDA GRANADA
Mailing City,State,Zip:	SAN CLEMENTE, CA 92672
Owner Name:	Us Samson Construction
Owner Type:	Other
Operator Name:	George Alvarez
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210226

US SAMSON CONSTRUCTION (Continued) **1026718676**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: GEORGE ALVAREZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	230 AVENIDA GRANADA
Owner/Operator City,State,Zip:	SAN CLEMENTE, CA 92672
Owner/Operator Telephone:	714-925-4898
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: US SAMSON CONSTRUCTION	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	230 AVENIDA GRANADA
Owner/Operator City,State,Zip:	SAN CLEMENTE, CA 92672
Owner/Operator Telephone:	714-925-4898
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210225
Handler Name: US SAMSON CONSTRUCTION	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

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

Facility Has Received Notices of Violations:

Violations:	No Violations Found

US SAMSON CONSTRUCTION (Continued) **1026718676**

Evaluation Action Summary:
Evaluations: No Evaluations Found

E26
SSW
1/8-1/4
0.160 mi.
844 ft.

ELC MANAGEMENT LLC **RCRA NonGen / NLR** **1027077278**
625 THE CITY DRIVE SOUTH **CAC003149106**
ORANGE, CA 92868

Site 1 of 3 in cluster E

Relative:
Lower

Actual:
120 ft.

RCRA Listings:

Date Form Received by Agency:	20211118
Handler Name:	Elc Management Llc
Handler Address:	625 THE CITY DRIVE SOUTH
Handler City,State,Zip:	ORANGE, CA 92868
EPA ID:	CAC003149106
Contact Name:	GARY NASTA
Contact Address:	155 PINELAWN ROAD
Contact City,State,Zip:	MELVILLE, NY 11747
Contact Telephone:	631-662-6851
Contact Fax:	Not reported
Contact Email:	GNASTA@ESTEE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	155 PINELAWN ROAD, SUITE 150N
Mailing City,State,Zip:	MELVILLE, NY 11747
Owner Name:	Elc Management Llc
Owner Type:	Other
Operator Name:	Gary Nasta
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

ELC MANAGEMENT LLC (Continued) **1027077278**

202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20211122
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: ELC MANAGEMENT LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	155 PINELAWN ROAD, SUITE 150N
Owner/Operator City,State,Zip:	MELVILLE, NY 11747
Owner/Operator Telephone:	631-662-6851
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: GARY NASTA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	155 PINELAWN ROAD
Owner/Operator City,State,Zip:	MELVILLE, NY 11747
Owner/Operator Telephone:	631-662-6851
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20211118
Handler Name: ELC MANAGEMENT LLC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

ELC MANAGEMENT LLC (Continued) **1027077278**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 32562
NAICS Description: TOILET PREPARATION MANUFACTURING

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

E27 **LASIK VISION INSTITUTE LLC** **RCRA NonGen / NLR** **1026057075**
SSW **625 THE CITY DR SOUTH #100** **CAL000453268**
1/8-1/4 **ORANGE, CA 92868**
0.160 mi.
844 ft. **Site 2 of 3 in cluster E**

Relative: **Lower**
Actual: **120 ft.**

RCRA Listings:
Date Form Received by Agency: 20200305
Handler Name: Lasik Vision Institute Llc
Handler Address: 625 THE CITY DR SOUTH #100
Handler City,State,Zip: ORANGE, CA 92868
EPA ID: CAL000453268
Contact Name: HEIDI HUFFMAN
Contact Address: 625 THE CITY DR SOUTH #100
Contact City,State,Zip: ORANGE, CA 92868
Contact Telephone: 714-703-8077
Contact Fax: 714-703-8098
Contact Email: HHUFFMAN@LASIKVISIONINSTITUTE.COM
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 625 THE CITY DR SOUTH #100
Mailing City,State,Zip: ORANGE, CA 92868
Owner Name: Lasik Vision Institute Llc
Owner Type: Other
Operator Name: Heidi Huffman
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No

LASIK VISION INSTITUTE LLC (Continued) **1026057075**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200306
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: LASIK VISION INSTITUTE LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1555 PALM BEACH LAKES BLVD 100
Owner/Operator City,State,Zip:	WEST PALM BEACH, FL 33401
Owner/Operator Telephone:	561-686-0843
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: HEIDI HUFFMAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	625 THE CITY DR SOUTH #100
Owner/Operator City,State,Zip:	ORANGE, CA 92868

LASIK VISION INSTITUTE LLC (Continued) **1026057075**

Owner/Operator Telephone: 714-703-8077
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20200305
Handler Name: LASIK VISION INSTITUTE LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 621320
NAICS Description: OFFICES OF OPTOMETRISTS

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

28
NE
1/8-1/4
0.164 mi.
868 ft.

UNION OIL SERVICE STATION 561 **HIST UST** **U001577685**
591 CITY DRIVE SOUTH **N/A**
ORANGE, CA 92668

Relative:
Higher

Actual:
130 ft.

HIST UST:
Name: UNION OIL SERVICE STATION 561
Address: 591 CITY DRIVE SOUTH
City,State,Zip: ORANGE, CA 92668
File Number: 0002d6cd
URL: https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002d6cd.pdf
Region: STATE
Facility ID: 00000043750
Facility Type: Gas Station
Other Type: Not reported
Contact Name: JERALD C. JONES
Telephone: 7146349139
Owner Name: UNION OIL COMPANY OF CALIFORNI
Owner Address: 1450 FRAZEE ROAD
Owner City,St,Zip: SAN DIEGO, CA 92108
Total Tanks: 0001

Tank Num: 001
Container Num: 5618-00
Year Installed: 1966

UNION OIL SERVICE STATION 561 (Continued) **U001577685**

Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual
Tank Num:	001
Container Num:	5618-00
Year Installed:	1966
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	6
Leak Detection:	Visual

Click here for Geo Tracker PDF:

F29 **WESTERN NATIONAL PROPERTIES** **CA FID UST** **S101619704**
SW **630 CITY DRIVE SOUTH** **HIST CORTESE** **N/A**
1/8-1/4 **ORANGE, CA 92668**
0.165 mi.
872 ft. **Site 1 of 5 in cluster F**

Relative: **Lower**

Actual: **122 ft.**

CA FID UST:

Facility ID:	30017911
Regulated By:	UTNKA
Regulated ID:	00065555
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7149714747
Mail To:	Not reported
Mailing Address:	630 CITY DRIVE SOUTH
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ORANGE 92668
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:

edr_fname:	X- L CLEANERS
edr_fadd1:	630
City,State,Zip:	ORANGE, CA 92868
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001372T
edr_fname:	PARK CITY CENTER
edr_fadd1:	630
City,State,Zip:	ORANGE, CA 92868
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA

WESTERN NATIONAL PROPERTIES (Continued) **S101619704**

Reg Id: 083003046T

F30
SW
1/8-1/4
0.165 mi.
872 ft.

WESTERN NATIONAL PROPERTIES
630 CITY DRIVE SOUTH 200
ORANGE, CA 92668

Site 2 of 5 in cluster F

SWEEPS UST **S106934385**
N/A

Relative:
Lower

Actual:
122 ft.

SWEEPS UST:

Name:	WESTERN NATIONAL PROPERTIES
Address:	630 CITY DRIVE SOUTH 200
City:	ORANGE
Status:	Active
Comp Number:	65555
Number:	1
Board Of Equalization:	44-016980
Referral Date:	08-11-93
Action Date:	08-11-93
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-030-065555-000001
Tank Status:	A
Capacity:	4000
Active Date:	08-11-93
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	3

Name:	WESTERN NATIONAL PROPERTIES
Address:	630 CITY DRIVE SOUTH 200
City:	ORANGE
Status:	Active
Comp Number:	65555
Number:	1
Board Of Equalization:	44-016980
Referral Date:	08-11-93
Action Date:	08-11-93
Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-030-065555-000002
Tank Status:	A
Capacity:	4000
Active Date:	08-11-93
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	Not reported

Name:	WESTERN NATIONAL PROPERTIES
Address:	630 CITY DRIVE SOUTH 200
City:	ORANGE
Status:	Active
Comp Number:	65555
Number:	1
Board Of Equalization:	44-016980
Referral Date:	08-11-93
Action Date:	08-11-93

WESTERN NATIONAL PROPERTIES (Continued) **S106934385**

Created Date:	10-13-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-030-065555-000003
Tank Status:	A
Capacity:	4000
Active Date:	08-11-93
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	Not reported

E31 **PARK CITY CENTER** **UST FINDER RELEASE** **1029089299**
SSW **630 THE CITY** **N/A**
1/8-1/4 **ORANGE, CA 92668**
0.177 mi.
932 ft. **Site 3 of 3 in cluster E**

Relative: **Lower**
Actual: **123 ft.**

UST FINDER RELEASE:

Object ID:	67662
Facility ID:	Not reported
Lust ID:	CAT0605902079
Name:	PARK CITY CENTER
Address:	630 THE CITY
City,State,Zip:	ORANGE, CA 92668
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	1777
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA3010053_14124
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180702010001
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.88972
Y Coord:	33.77716
Latitude:	33.77716
Longitude:	-117.889719999999

D32
SE
1/8-1/4
0.178 mi.
940 ft.

TESORO (ARCO) 63375
2940 N BRISTOL ST
SANTA ANA, CA 92706

Site 4 of 15 in cluster D

UST FINDER **1028190038**
N/A

Relative:
Higher

Actual:
127 ft.

UST FINDER:

Object ID:	734269
Facility ID:	CA10404022
Name:	TESORO (ARCO) 63375
Address:	2940 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Address Match Type:	PointAddress
Open USTs:	3
Closed USTs:	Not reported
TOS USTs:	Not reported
Population 1500ft:	2875
Private Wells 1500ft:	-4543
Within 100yr Floodplain:	No
Land Use:	Developed, Medium Intensity
Within SPA:	Not reported
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Not reported
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Facility Status:	Open UST(s)
Date of Last Inspection:	Not reported
EPA Region:	9
Tribe:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.88473104
Y Coord:	33.7783709980001
Latitude:	33.7783709977653
Longitude:	-117.884731040283

UST FINDER:

Object ID:	2267180
Facility ID:	CA10404022
Tank ID:	CA10404022-003_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1994/03/01 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	12000
Substances:	Premium Unleaded
Tank Wall Type:	Double Wall

Object ID:	2267181
Facility ID:	CA10404022
Tank ID:	CA10404022-002_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1994/03/01 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	12000
Substances:	Regular Unleaded
Tank Wall Type:	Double Wall

TESORO (ARCO) 63375 (Continued) **1028190038**

Object ID:	2267182
Facility ID:	CA10404022
Tank ID:	CA10404022-001_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1994/03/01 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	15000
Substances:	Regular Unleaded
Tank Wall Type:	Double Wall

D33 **TESORO (USA) 63375** **UST** **U004266515**
SE **2940 N BRISTOL ST** **N/A**
1/8-1/4 **SANTA ANA, CA 92706**
0.178 mi.
940 ft. **Site 5 of 15 in cluster D**

Relative: UST:
Higher

Actual: Name:	TESORO (USA) 63375
127 ft. Address:	2940 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Facility ID:	Not reported
Permitting Agency:	Orange County Environmental Health
CERSID:	Not reported
Latitude:	33.77837
Longitude:	-117.88466
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported

TESORO (USA) 63375 (Continued) **U004266515**

Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

D34 **THRIFTY OIL #375** **LUST** **S101299959**
SE **2940** **HIST CORTESE** **N/A**
1/8-1/4 **SANTA ANA, CA 92706**
0.178 mi.
940 ft. **Site 6 of 15 in cluster D**

Relative: **Higher**
Actual: **127 ft.**

LUST REG 8:

Name:	THRIFTY OIL #375
Address:	2940 BRISTOL ST
City:	SANTA ANA
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Pollution Characterization
Case Number:	083001076T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Waste Oil
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	HESPERIAN
Enf Type:	SEL
Funding:	Not reported
How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0605900850
How Stopped Date:	Not reported
Enter Date:	1/31/2000
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	1/12/2000
Discover Date:	9/14/1988
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	12/2/2004
Date Remediation Plan Submitted:	10/21/2004
Date Remedial Action Underway:	10/12/2004
Date Post Remedial Action Monitoring:	10/12/2004
Enter Date:	1/31/2000
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.77821939
Longitude:	-117.884629
MTBE Date:	2/26/2001
Max MTBE GW:	1880
MTBE Concentration:	3
Max MTBE Soil:	152

THRIFTY OIL #375 (Continued) **S101299959**

MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	B
Staff:	VJJ
Staff Initials:	JB
Lead Agency:	Regional Board
Local Agency:	Santa Ana, Orange County
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	PROC, IND, MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	11/21/88 - a 5c was initiated, but 1/12/00 investigation inidcated GW impact of MtBE, case has been

HIST CORTESE:

edr_fname:	THRIFTY OIL #375
edr_fadd1:	2940
City,State,Zip:	SANTA ANA, CA 92706
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001076T

D35 **THRIFTY OIL #375** **UST FINDER RELEASE** **1029117842**
SE **2940 N BRISTOL ST** **N/A**
1/8-1/4 **SANTA ANA, CA 92706**
0.178 mi.
940 ft. **Site 7 of 15 in cluster D**

Relative: **Higher**

Actual: **127 ft.**

UST FINDER RELEASE:

Object ID:	67799
Facility ID:	Not reported
Lust ID:	CAT0605900850
Name:	THRIFTY OIL #375
Address:	2940 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	2903
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9

THRIFTY OIL #375 (Continued) **1029117842**

NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.88436
Y Coord:	33.7783200000001
Latitude:	33.77832
Longitude:	-117.88436

D36 **THRIFTY OIL #375** **LUST** **S101619806**
SE **2940 N BRISTOL ST** **CERS HAZ WASTE** **N/A**
1/8-1/4 **SANTA ANA, CA 92706** **CA FID UST**
0.178 mi. **CERS TANKS**
940 ft. **Site 8 of 15 in cluster D** **Cortese**
CERS

Relative:
Higher

Actual:
127 ft.

LUST:

Name:	THRIFTY OIL #375
Address:	2940 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900850
Global Id:	T0605900850
Latitude:	33.778447098
Longitude:	-117.884779
Status:	Completed - Case Closed
Status Date:	09/28/2006
Case Worker:	MG
RB Case Number:	083001076T
Local Agency:	Not reported
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
EPA Region:	9
Coordinate Source:	* Historical Geocode - Exact Address Match
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	01/14/1988
Leak Reported Date:	11/14/1988
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	09/28/2006
CA Water Watershed Name:	Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Dwr Groundwater Subbasin Name:	Coastal Plain Of Orange County (8-001)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	61-65%
CA Enviroscreen 4 Score:	50-55%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SANTA ANA RWQCB (REGION 8)

THRIFTY OIL #375 (Continued) **S101619806**

Site History: Not reported

LUST:
Global Id: T0605900850
Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: MAILE SEEGER GEE
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: maile.gee@waterboards.ca.gov
Phone Number: 9517824379

LUST:
Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 11/25/2002
Action: * No Action

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 03/21/2003
Action: * No Action

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 04/28/2003
Action: * No Action

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 01/28/2003
Action: * No Action

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 05/13/2003
Action: Staff Letter

Global Id: T0605900850
Action Type: RESPONSE
Date: 06/30/2004
Action: Interim Remedial Action Report

Global Id: T0605900850
Action Type: RESPONSE
Date: 05/13/2003
Action: Interim Remedial Action Report

Global Id: T0605900850
Action Type: RESPONSE
Date: 05/13/2003
Action: Soil and Water Investigation Report

Global Id: T0605900850
Action Type: RESPONSE
Date: 05/13/2003
Action: Soil and Water Investigation Workplan

THRIFTY OIL #375 (Continued) **S101619806**

Global Id: T0605900850
Action Type: RESPONSE
Date: 04/29/2003
Action: Remedial Progress Report

Global Id: T0605900850
Action Type: RESPONSE
Date: 04/30/2003
Action: Remedial Progress Report

Global Id: T0605900850
Action Type: RESPONSE
Date: 10/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0605900850
Action Type: RESPONSE
Date: 10/29/2002
Action: Remedial Progress Report

Global Id: T0605900850
Action Type: RESPONSE
Date: 05/13/2003
Action: Other Report / Document

Global Id: T0605900850
Action Type: RESPONSE
Date: 05/13/2003
Action: Soil and Water Investigation Workplan

Global Id: T0605900850
Action Type: RESPONSE
Date: 02/29/2004
Action: Other Report / Document

Global Id: T0605900850
Action Type: RESPONSE
Date: 01/31/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900850
Action Type: RESPONSE
Date: 02/29/2004
Action: Interim Remedial Action Report

Global Id: T0605900850
Action Type: RESPONSE
Date: 04/30/2004
Action: Remedial Progress Report

Global Id: T0605900850
Action Type: REMEDIATION
Date: 01/01/2005
Action: Other (Use Description Field)

Global Id: T0605900850
Action Type: ENFORCEMENT

THRIFTY OIL #375 (Continued) **S101619806**

Date: 10/20/2003
Action: Staff Letter

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 07/02/1999
Action: Staff Letter

Global Id: T0605900850
Action Type: Other
Date: 09/14/1988
Action: Leak Discovery

Global Id: T0605900850
Action Type: Other
Date: 11/14/1988
Action: Leak Reported

Global Id: T0605900850
Action Type: RESPONSE
Date: 09/30/2003
Action: Interim Remedial Action Plan

Global Id: T0605900850
Action Type: RESPONSE
Date: 04/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900850
Action Type: RESPONSE
Date: 04/28/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900850
Action Type: RESPONSE
Date: 10/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 12/22/2004
Action: Staff Letter

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 01/09/2006
Action: File review

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 03/06/2006
Action: File review

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 09/28/2006
Action: Closure/No Further Action Letter

THRIFTY OIL #375 (Continued) **S101619806**

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 06/29/2006
Action: Notification - Preclosure

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 04/26/2005
Action: Staff Letter

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 09/29/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 10/18/2004
Action: File review

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 05/10/2006
Action: Notification - Fee Title Owners Notice

Global Id: T0605900850
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605900850
Action Type: RESPONSE
Date: 04/30/2005
Action: Remedial Progress Report

Global Id: T0605900850
Action Type: RESPONSE
Date: 04/30/2005
Action: Soil and Water Investigation Report

Global Id: T0605900850
Action Type: RESPONSE
Date: 12/15/2004
Action: Soil and Water Investigation Workplan

Global Id: T0605900850
Action Type: RESPONSE
Date: 09/29/2006
Action: Well Destruction Report

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 04/27/2004
Action: File review

Global Id: T0605900850
Action Type: ENFORCEMENT

THRIFTY OIL #375 (Continued) **S101619806**

Date: 07/07/2005
Action: File review

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 11/08/2004
Action: Staff Letter

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 02/23/2004
Action: File review

Global Id: T0605900850
Action Type: ENFORCEMENT
Date: 07/06/2004
Action: Staff Letter

Global Id: T0605900850
Action Type: RESPONSE
Date: 09/30/2004
Action: CAP/RAP - Other Report

Global Id: T0605900850
Action Type: RESPONSE
Date: 11/01/2004
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0605900850
Action Type: RESPONSE
Date: 10/30/2004
Action: Remedial Progress Report

Global Id: T0605900850
Action Type: RESPONSE
Date: 10/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900850
Action Type: RESPONSE
Date: 07/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900850
Action Type: RESPONSE
Date: 07/30/2005
Action: NPDES / WDR Reports

Global Id: T0605900850
Action Type: RESPONSE
Date: 07/30/2005
Action: Remedial Progress Report

Global Id: T0605900850
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

THRIFTY OIL #375 (Continued) **S101619806**

Global Id: T0605900850
Action Type: RESPONSE
Date: 07/27/1993
Action: Tank Removal Report / UST Sampling Report

Global Id: T0605900850
Action Type: RESPONSE
Date: 10/26/1999
Action: Unauthorized Release Form

LUST:
Global Id: T0605900850
Status: Open - Site Assessment
Status Date: 11/20/2001

Global Id: T0605900850
Status: Open - Case Begin Date
Status Date: 01/14/1988

Global Id: T0605900850
Status: Open - Site Assessment
Status Date: 11/21/1988

Global Id: T0605900850
Status: Open - Site Assessment
Status Date: 01/12/2000

Global Id: T0605900850
Status: Open - Remediation
Status Date: 04/05/2004

Global Id: T0605900850
Status: Open - Remediation
Status Date: 09/29/2004

Global Id: T0605900850
Status: Open - Remediation
Status Date: 10/01/2004

Global Id: T0605900850
Status: Open - Remediation
Status Date: 10/12/2004

Global Id: T0605900850
Status: Open - Verification Monitoring
Status Date: 10/12/2004

Global Id: T0605900850
Status: Open - Remediation
Status Date: 10/21/2004

Global Id: T0605900850
Status: Open - Site Assessment
Status Date: 12/02/2004

Global Id: T0605900850
Status: Open - Remediation

THRIFTY OIL #375 (Continued) **S101619806**

Status Date: 04/14/2005

Global Id: T0605900850
Status: Open - Remediation
Status Date: 07/05/2005

Global Id: T0605900850
Status: Completed - Case Closed
Status Date: 09/28/2006

CERS HAZ WASTE:
Name: SPEEDWAY NO. 6375
Address: 2940 N BRISTOL ST
City,State,Zip: SANTA ANA, CA 92706
Site ID: 74597
CERS ID: 10404022
CERS Description: Hazardous Waste Generator

CA FID UST:
Facility ID: 30000866
Regulated By: UTNKA
Regulated ID: 00004725
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7145589654
Mail To: Not reported
Mailing Address: 10000 LAKEWOOD BLVD
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ANA 92706
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CERS TANKS:
Name: SPEEDWAY NO. 6375
Address: 2940 N BRISTOL ST
City,State,Zip: SANTA ANA, CA 92706
Site ID: 74597
CERS ID: 10404022
CERS Description: Underground Storage Tank

CORTESE:
Name: THRIFTY OIL #375
Address: 2940 N BRISTOL ST
City,State,Zip: SANTA ANA, CA 92706
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605900850
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED

THRIFTY OIL #375 (Continued) **S101619806**

Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	SPEEDWAY NO. 6375
Address:	2940 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Site ID:	74597
CERS ID:	10404022
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	74597
Site Name:	SPEEDWAY No. 6375
Violation Date:	02-01-2021
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to have current UST Monitoring Plan available on site.
Violation Notes:	Returned to compliance on 03/04/2021. OBSERVATION: A complete monitoring plan was not available for review. The monitoring information for the UDCs and tank 1 page info were not on site. CORRECTIVE ACTION: Place a copy of the current tank pages/monitoring plan on site within 30 day. Ensure that all tank pages and all monitoring information including that of the UDCs is included. Notify this agency when this has been completed.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

Site ID:	74597
Site Name:	SPEEDWAY No. 6375
Violation Date:	12-13-2017
Citation:	HSC 6.7 25291(a)(2) - California Health and Safety Code, Chapter 6.7, Section(s) 25291(a)(2)
Violation Description:	Failure to maintain secondary containment (e.g., failure of secondary containment testing).
Violation Notes:	Returned to compliance on 05/01/2018. The following failed: - Turbine sump on the 91 UST - Fill sump on the 87 Main UST - UDC 7/8 failed. Submit plan check, fix, and retest within 3 months of this date.
Violation Division:	Orange County Environmental Health
Violation Program:	UST
Violation Source:	CERS,

THRIFTY OIL #375 (Continued) **S101619806**

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 01-05-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-01-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Walked throughout the facility. Observed hazardous waste storage areas. Containers were closed and properly labeled. Manifests were available and reviewed. Employees are reported to be trained. Emergency response plan on site. No hazardous waste or universal waste observed in the dumpster/enclosure area. No hazardous waste violations were observed this date.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS CERS ID: 10404022 On site for routine hazardous materials inspection. Chemicals observed on this date match the CERS submission on 8/17/2021. Reviewed BEP and the site map with the business. CERS information verified. Reminder: Please re-certify your HMBP on or before March 1 at www.cers.calepa.ca.gov No violation observed on this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS CERS ID: 10404022 On site for routine hazardous materials inspection. Chemicals observed on this date match the CERS submission on 2/25/2022. Reviewed BEP and the site map with the business. CERS information verified. Reminder: Please re-certify your HMBP on or before March 1 at www.cers.calepa.ca.gov No violation observed on this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-09-2023
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: INSPECTOR COMMENTS This Agency received the following documents: -

THRIFTY OIL #375 (Continued) **S101619806**

Monitoring system certification dated 2/7/23 - Spill container test report dated 2/7/23 Results indicate all components passed testing. No further action is required.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: All components of the UST System passed testing. All documentation was verified complete and up to date.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine Hazardous Waste inspection. Met with store manager Candy Uriostegui of R&M Pacific Rim. Consent was provided to enter and conduct inspection activities. Hazardous waste observed onsite included waste solids and liquids containing gasoline. All drums were properly stored closed and labeled. Hazardous Waste Manifests were available for review for all waste streams. Perimeter of the facility was inspected. Did not observe any indication of a hazardous waste release or illegal dumping in the trash dumpster.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitor certification and to conduct a routine UST inspection. Met with Jim Simeone of Fastech. Mr. Simeone conducted the tank testing, monitor system certification, and spill bucket testing. Mr. Simeone s ICC, VMI, and Veeder-Root certifications were observed and verified. The facility contains: - (1) 10,000 gallon double walled UST containing supreme gasoline and (2) USTs (10,000 gallon siphon and 15,000 gallon) double walled UST containing regular gasoline. The USTs are continuously monitored by a Veeder-Root TLS-350 system. Alarm history and set-up tape was reviewed during this inspection. The panel read all functions normal. USTs contain: - Ball float and ATG for overfill protection. The following were tested: - All sump, annular, and UDC sensors tested sent alarm to the Veeder Root panel and shut down turbine. - Fail Safe , Sensor Out , and Emergency Shut-Off switch shutdown the turbines. - Spill buckets [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown

THRIFTY OIL #375 (Continued) **S101619806**

Eval Date: 03-05-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: INSPECTOR COMMENTS This Agency received the following documents: - Monitoring system certification dated 2/21/19 - Spill container test report dated 2/21/19 Results indicate all components passed.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-23-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Onsite with Chandra Thapin to witness the underground storage tank(UST) annual monitor certification and conduct a routine UST inspection. Stephen Dombrowski with FasTech is the contractor handling the monitoring certification. Mr. Dombrowski presented his Veeter Root, VMI and ICC certification, all are current. During the inspection the following was observed: 1. All sumps were clear of debris and water. Test boots on product secondary lines in piping sumps were pulled back and open, and all the sensors were located in lowest points in sumps. The compliance binder and the California Environmental Reporting System (CERS) database contained the following documents: 1. Leak response plan; 2. Maintenance log and daily monitoring log; 3. Monitoring Procedure; 4. Certificate of Financial Responsibility; 5. Designated Operator; 6. Monthly Inspection Checklist; 7. Yearly training; 8. Monitoring System Certification from the previous year; 9. Secondary Containment [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-07-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine hazardous waste inspection. Met with the manager, Chandra Trupa, who granted consent to inspect and to take photos if need. Conducted a walk-thru and perimeter inspection of the facility including and observation of the trash dumpster and enclosure. Observed that the waste containers (1-55 gal waste fuel/liquid, 1-55 gal fuel solids) are properly labeled and stored closed. Reviewed manifests/invoices from Belshire which are properly maintained and followed up. A Business Plan is maintained on site and emergency numbers are posted. No hazardous waste violations observed this date.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-23-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following documents were received and ACCEPTED on the CERS Portal: Business Activities Form Business Owner/Operator Form Chemical

THRIFTY OIL #375 (Continued) **S101619806**

Inventory for 3 Chemicals Facility Site Map
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-05-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following documents were received and ACCEPTED on the CERS Portal: Business Activities Form Business Owner/Operator Form Chemical Inventory for 3 chemicals Facility Site Map
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-22-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following documents were received and ACCEPTED on the CERS Portal: Business Activities, Business Owner/Operator ID, UST facility, tank pages, monitoring plan, response plan, financial certification and DO notification.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-22-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Violations I583, I616 and I582 previously issued on 5/22/15 were issued in error. There are currently no outstanding UST violations at this site. A copy of this report will be sent to the mailing address above.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-18-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Change UST status to receive a permit, per Freed.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-25-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received a monitor certification, leak detector and spill bucket report for testing conducted at this facility on 4/17/13. The data shows passing results. Received a monitor certification, leak detector and spill bucket report for testing conducted on 5/2/12. The data

THRIFTY OIL #375 (Continued) **S101619806**

shows passing results. Also, received a designated operator notification form for this facility dated 5/13/13. No violations noted in file review this date.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-17-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received Monitoring System Certification dated 3/9/16. The results indicate all components that were tested passed. A copy of this report will be sent to douglas.shearer@tsocorp.com

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-28-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS 2017 - OW/BA pages - correction made to DBA & EPA ID # added to EC

Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-29-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following documents were received and ACCEPTED on the eSubmit Portal: Business Activities Form Business Owner/Operator Form Chemical Inventory for (# of chemicals) Facility Site Map

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-23-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed UST submission package on eSubmit Portal, DENIED. Request for re-submittal this date.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-14-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Final inspection notification for SR#0130384 (12/19/17).

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

THRIFTY OIL #375 (Continued) **S101619806**

Eval General Type: Other/Unknown
Eval Date: 12-11-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: SB 989 test notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-31-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Per Douglas Shearer, Retail Environmental Compliance Administrator, the scope of work associtated with this plan check is currently on hold. He indicated the contractor would reapply in the future. Plan Check# SR0126955 was approved by this Agency on 10/27/15. This Plan Check will be closed because it has exceeded 1 year.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-01-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring system certification and spill bucket test and to conduct a routine UST inspection. The site has the following double-walled tanks: - 15,000 gal 87 Main - 12,000 gal 87 Siphon - 12,000 gal 91 Product piping for all tanks is double-walled and pressurized. UST system is monitored via TLS-350 Panel. Annular Sensors= VR-420 Fill/STP/UDCs = VR-208 LLDs: 87= FE Petro STP MLD 91= VMI LD2000 The following were tested and passed: - Spill buckets - All liquid detection sensors - Sensor out and fail-safe - LLDs Tanks utilize flapper for overfill prevention and were scheduled for inspection this date. Testing was conducted by Alfredo Ortega with FASTECH. Technician certs (VR, ICC and VMI) were verified. Please submit test results to this Agency within 30 days. Facility has submitted on CERS. The following documents were available for review: - Permit to Operate - Certificate of Financial [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-04-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-22-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency

THRIFTY OIL #375 (Continued) **S101619806**

Eval Notes: The following documents were received by this Agency: - Monitoring System Certification Form dated 2/1/21 - Spill Container Testing Report Form dated 2/1/21 - Overfill Prevention Equipment Inspection Form dated 2/1/21 All components were tested and passed. Facility utilizes flapper for overfill prevention. The following violation is outstanding: - I421: Failure to have current UST Monitoring Plan readily accessible at the facility CORRECTIVE ACTION: Place a copy of the current tank pages/monitoring plan on site within 30 days. Ensure that all tank pages and all monitoring information including that of the UDCs is included. Notify this agency when this has been completed.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-23-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine Hazardous Waste inspection. Met with store manager Candy Uriostegui of R&M Pacific Rim. Consent was provided to enter and conduct inspection activities. Tesoro has submitted the HMBEP into the CERS Database. The 2017 CERS submission has been accepted. The following were verified: - Chemical Disclosure; - Contingency plan/BEP; - Training program; and, - Facility Map. Please note that if the facility decides to discontinue any of the above chemicals, proper disposal or removal of chemicals is required and maintenance of disposal records will be verified. Within 30 days of removal, contact this agency to verify that the hazardous material is no longer stored on site and remove it from the facility's listed disclosable chemicals.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-14-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received a monitor certification, leak detector and spill bucket report for testing conducted at this facility on 4/7/14. The data shows passing results. No violations noted in file review this date.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-19-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submission package on eSubmit Portal, DENIED. Request for re-submittal this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-22-2013

THRIFTY OIL #375 (Continued) **S101619806**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submission package on eSubmit Portal, DENIED. Request for re-submittal this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-26-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submission package on eSubmit Portal, DENIED. Request for re-submittal this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted CERS ID# 10404022 Facility Information, Hazardous Materials Inventory, Emergency Response and Training Plans submittal dated 4/18/16.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-15-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and accepted CERS ID# 10404022 Underground Storage Tanks submittal dated 4/18/16.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-23-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Checked SR history, no entries. Reviewed file entries for PR0087864, no reference to upgrades or new equipment installed. Reviewed CERS Tank Information & Monitoring Plan, equipment referenced and approved indicates new equipment referenced in scope of work was not installed. In conclusion, work proposed in scope of work and plans for this service request was not performed. Service request, dated 12/1/2014, has exceeded 1 year, therefore closing service request on this date, 9/23/16.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-01-2021

THRIFTY OIL #375 (Continued) **S101619806**

Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Observed the facility and inspected hazardous materials storage. The following materials were observed in amounts that meet or exceed the minimum volumes required for disclosure: - 39,000 gal gasoline - 53 gal CO2 - 55 gal water/fuel mix
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-06-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site for routine hazardous waste inspection. Walked the interior and exterior of the facility to inspect the hazardous waste storage area and dumpster. Observed hazardous waste management practices and documentation including training records, manifests and contingency plan. No violation observed on this date.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-18-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site to witness annual monitoring system certification and spill bucket test and to conduct a routine UST inspection. The site has the following double-walled tanks: - 15,000 gal 87 Main - 12,000 gal 87 Siphon - 12,000 gal 91 Product piping for all tanks is double-walled and pressurized. UST system is monitored via TLS-350 Panel. Annulars = VR-420 Fill/STP/UDC sumps = VR-208 LLDs: 87= FE Petro STP MLD 91= VMI LD2000 The following were tested and passed: - Spill buckets - All liquid detection sensors - Sensor out and fail-safe - LLDs Tanks utilize flapper for overfill prevention and were inspected/tested on 10/9/18. Testing was conducted by James Simeone with FASTECH. Technician certs (VR, ICC and VMI) were verified. Please submit test results to this Agency within 30 days. Facility has submitted on CERS. The following documents were available for review: - Permit to Operate - Certificate of Financial Responsibility w/ [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-09-2016
Violations Found: No

THRIFTY OIL #375 (Continued) **S101619806**

Eval Type: Routine done by local agency
Eval Notes: Onsite to conduct a routine UST inspection during the annual monitoring system certification. Aaron Medina of Fastech provided the following valid certifications: ICC, Veeder-Root, Vaporless, FE Petro. The manager, Chandra Thapa was also present during this inspection. There are three USTs onsite: 87 main, 87 siphon and 91. VR-208 sensors are in use in the fill and STP/piping sumps, and in all four UDCs. VR-420 sensors are in use in the dry annulars. Leak detection is provided by mechanical leak detectors (87 = FE Petro, 91 = Vaporless). Overfill prevention is provided by ATGs connected to an outside annuciator. The system is monitored by a Veeder-Root TLS-350 panel. The following documents were reviewed: Monitoring Plan, Response Plan, Tank Info page, Facility Info page Monitor Cert, SB989 DO monthly inspection, DO Statement, DO training (last 3/1/16) Permit The Underground Storage Tanks forms submitted via CERS on 12/4/15 have been ACCEPTED. No UST [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-07-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine underground tank inspection and to observe a portion of the annual monitor certification. Met with Stephen Dombroski of FASTECH who is an ICC, Veeder Root, VMI and Franklin techician with current certifications. This facility has 3 USTs - 1-15,000 Reg UL, 1-12000 Reg UL and 1-12000 Premium UL (Joor). Observed that the sensors in each turbine sump are properly located. There is a small amount of liquid (appears to water) in several of the sumps. This liquid is not enough to cause the sensor to alarm. Steve indicated that they will properly remove it and put it in the waste liquid container behind the store. He also informed me that the sensors (annular - 420 and sump/UDC - 208) were all properly operation when immersed in water. An audible/visual alarm was noted at the Veeder Root panel. The leak detectors are mechanical (FE Petro and VMI) which were tested this date. Please send a copy of the results within the next 30 days. Reviewed the [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-20-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received Test Result Summary Report from Fastech for Tesoro USA Petroleum Station 2940, N. Bristol St., Santa Ana, CA. The date of the test was 03/23/15. The following tests were reported: Leak Detector Test; Monitoring Certification; Spill Bucket Testing 1. Leak Detector Test All lines passed. 2. Sump & Under- Dispenser Containment Tests All sumps and dispensers passed. 3. Spill Containers All spill containers passed containment testing 4. Monitoring System Certification a. Alarms were operational b. All sensors were operational and positioned correctly c. The sump sensors initiated positive shutdown on the turbines d. Monitoring system was confirmed

THRIFTY OIL #375 (Continued) **S101619806**

to be set up correctly For more information regarding Underground Storage Tanks, or to sign up for our eNewsletter please visit http://www.occupainfo.com/

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-28-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed HMBEP submission package on eSubmit Portal, DENIED. Request for re-submittal this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-28-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: UST Module has been reviewed and accepted on CERS.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-11-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received the overfill prevention equipment inspection. All ball floats and straight drop tubes were removed. OPW flapper drop tubes were installed and tested. Flapper valves passed testing.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-03-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: cers review
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-15-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and approved plan submission for new UST equipment
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-28-2020

THRIFTY OIL #375 (Continued) **S101619806**

Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following document was received by this Agency: - Secondary Containment Testing Report Form dated 12/9/2020 The following components PASSED testing: - Tank annulars (3) - Secondary piping (3) - Turbine sumps (3) - Fill sumps (3) - UDCs (4)
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site to witness annual monitoring system certification and spill bucket test and to conduct a routine UST inspection. The site has the following double-walled tanks: - 15,000 gal 87 Main - 12,000 gal 87 Siphon - 12,000 gal 91 Product piping for all tanks is double-walled and pressurized. UST system is monitored via TLS-350 Panel. Annular Sensors= VR-420 Fill/STP/UDCs = VR-208 LLDs: 87= FE Petro STP MLD 91= VMI LD2000 The following were tested and passed: - Spill buckets - All liquid detection sensors - Sensor out and fail-safe - LLDs Tanks utilize flapper for overfill prevention and were scheduled for inspection this date. Testing was conducted by Steven Loera with FASTECH. Technician certs (VR, ICC and VMI) were verified. Please submit test results to this Agency within 30 days. Facility has submitted on CERS. The following documents were available for review: - Permit to Operate - Certificate of [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site for routine hazardous waste inspection. Walked the interior and exterior of the facility to inspect the hazardous waste storage area and dumpster. Observed hazardous waste management practices and documentation including training records, manifests and contingency plan. No violation observed on this date.
Eval Division: Orange County Environmental Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site to witness annual monitoring system certification and spill bucket test and to conduct a routine UST inspection. The site has the following double-walled tanks: - 15,000 gal 87 Main - 12,000 gal 87 Siphon - 12,000 gal 91 Product piping for all tanks is double-walled and pressurized. UST system is monitored via TLS-350 Panel. Annular Sensors= VR-420 Fill/STP/UDCs = VR-208 LLDs: 87= FE Petro STP MLD 91= VMI LD2000 The following were tested and passed: - Spill buckets - All liquid detection sensors - Sensor

THRIFTY OIL #375 (Continued) **S101619806**

out and fail-safe - LLDs Tanks utilize flapper for overfill prevention and were scheduled for inspection this date. Testing was conducted by Steven Loera with FASTECH. Technician certs (VR, ICC and VMI) were verified. Please submit test results to this Agency within 30 days. Facility has submitted on CERS. CERS data verified. All documentation was available for review.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-10-2022
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: INSPECTOR COMMENTS This Agency received the following documents: - Monitoring system certification dated 2/07/2022 - Spill container test report dated 2/07/2022 Results indicate all components passed testing. No further action required.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-20-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received UST monitoring report for testing conducted on 2-15-2018. All monitoring equipment and spill buckets passed testing.

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-21-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS Facility inspection conducted with Santiago Martinez, Cashier. Chemicals observed on this date match the CERS submittal accepted on 2/12/19. Reviewed BEP and the site map with the business. Reminder: Please re-certify your HMBP on or before March 1 at www.cers.calepa.ca.gov No violation observed on this date.

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-21-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site for a routine Hazardous Waste inspection. Inspection was conducted with Santiago Martinez, Cashier. Walked the interior and exterior of the facility to inspect the hazardous waste storage area and dumpster. Observed hazardous waste management practices and documentation including training records, manifests and contingency plan. No violation observed on this date.

Eval Division: Orange County Environmental Health
Eval Program: HW

THRIFTY OIL #375 (Continued) **S101619806**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-21-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site for routine UST inspection, monitoring system certification, and spill bucket testing. The facility has three double-walled tanks (87, 87 siphoned, and 91) monitored by a Veeder Root TLS-350R. system. The site uses Mechanical line leak detectors. Positive shutdown and fail safe programming were verified. Flapper valves are used for overfill prevention. All sensors passed annual testing. Testing was conducted by Aaron Medina of Fastech. Tester certifications (VR, ICC, VMI) were verified. Please submit the test reports to this Agency within 30 days.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-25-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following documents were received by this Agency: - Monitoring system certification dated 2/18/20 - Spill bucket test report dated 2/18/20 All components were tested and passed.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-01-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Scheduling monitor cert.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-04-2021
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This Agency has received notification that the Tank Pages/Monitoring plan is onsite and available for review. The following violation has been corrected: - I421: Failure to have current UST Monitoring Plan readily accessible at the facility The facility has no outstanding violations.

THRIFTY OIL #375 (Continued) **S101619806**

Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-06-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Monitor cert notification
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 03-11-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following documents were received and ACCEPTED on the CERS Portal: Business Activities, Business Owner/Operator ID, UST facility and tanks pages, monitoring plan, financial and DO data.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-07-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: On site for a routine haz mat disclosure inspection. Reviewed HMBEP submission package on CERS Portal, DENIED. Request for re-submittal this date. The submission was rejected for reporting chemical inventory for the fuel solids and retail propane when these do not need to be disclosed. The other chemicals (gasoline and CO2) are correct and located as shown on the site map. With the requested corrections on CERS portal, the submission will meet the standard requirements. Review specified that changes be made within the next 30 days.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 05-27-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Changed UST status to not get a permit, per Freed.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-08-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: File review requested by Pearl.
Eval Division: Orange County Environmental Health
Eval Program: UST

THRIFTY OIL #375 (Continued) **S101619806**

Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-13-2018
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: All SB989 components have been corrected per SR0132100. SR will be closed.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-28-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBEP has been accepted
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-27-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed and approved plans. Called Ahmad Ghaderi's office and let the receptionist know the plans were ready for pick-up.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-24-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBEP Approval. The following documents were received and ACCEPTED on the eSubmit Portal: Business Activities Form Business Owner/Operator Form Chemical Inventory for 3 materials Facility Site Map.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 12-04-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following documents were received and ACCEPTED on CERS: Business Activities Form Business Owner/Operator Form UST UPC Facility Tank pages (3) Monitoring plans which are approved UST Monitoring Site Plan UST Certification of Financial Responsibility UST Response Plan: Upload Document(s) UST Owner/Operator: Written Agreement Owner Statement of Designated UST Operator Compliance
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown

THRIFTY OIL #375 (Continued) **S101619806**

Eval Date: 12-13-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Received the SB989 compliance testing report on this date. Per report findings, the following secondary containment components failed: - Turbine sump on the 91 UST - Fill sump on the 87 Main UST - UDC 7/8 failed. You are required to submit a UST modification plan check to repair the components that have failed. Please submit the plan check within 30 days of receipt of this report. If you have any questions, do not hesitate to contact me.
Eval Division: Orange County Environmental Health
Eval Program: UST
Eval Source: CERS,

Coordinates:
Site ID: 74597
Facility Name: SPEEDWAY No. 6375
Env Int Type Code: HWG
Program ID: 10404022
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.778370
Longitude: -117.884660

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: VESTA SLAYMAN
Entity Title: Not reported
Affiliation Address: P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 75221
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: TRMC RETAIL LLC
Entity Title: Not reported
Affiliation Address: P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Affiliation City: DALLAS
Affiliation State: TX
Affiliation Country: United States
Affiliation Zip: 75221
Affiliation Phone: (800) 828-0711,

Affiliation Type Desc: UST Permit Applicant
Entity Name: BURKE D. ALBELDA
Entity Title: ENVIRONMENTAL COMPLIANCE SUPERVISOR
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (310) 869-4096,

Affiliation Type Desc: UST Property Owner Name

THRIFTY OIL #375 (Continued) **S101619806**

Entity Name:	Thrifty Oil Co.
Entity Title:	Not reported
Affiliation Address:	13116 IMPERIAL HIGHWAY
Affiliation City:	SANTA FE SPRINGS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581,
Affiliation Type Desc:	UST Tank Operator
Entity Name:	R&M PACIFIC RIM INC (SEUNG KIM)
Entity Title:	Not reported
Affiliation Address:	2940 N BRISTOL ST
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92706
Affiliation Phone:	(562) 402-8080,
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406,
Affiliation Type Desc:	Document Preparer
Entity Name:	BELSHIRE ENVIRONMENTAL SERVICES, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P.O. BOX 711 ATTN: GASOLINE COMPLIANCE, LOC 148
Affiliation City:	DALLAS
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	75221
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	R&M PACIFIC RIM, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

THRIFTY OIL #375 (Continued) **S101619806**

Affiliation Phone:	(562) 402-8080,
Affiliation Type Desc:	Property Owner
Entity Name:	Thrifty Oil Co.
Entity Title:	Not reported
Affiliation Address:	13116 IMPERIAL HIGHWAY
Affiliation City:	SANTA FE SPRINGS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Speedway
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Thrifty Oil Co.
Entity Title:	Not reported
Affiliation Address:	13116 IMPERIAL HIGHWAY
Affiliation City:	SANTA FE SPRINGS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581,
Affiliation Type Desc:	Identification Signer
Entity Name:	TERESA MILES
Entity Title:	SENIOR MANAGER, ENVIRONMENTAL COMPLIANCE WEST
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Name:	THRIFTY OIL #375
Address:	2940 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Site ID:	690547
CERS ID:	T0605900850
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MAILE SEEGER GEE - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported

THRIFTY OIL #375 (Continued) **S101619806**

Affiliation Zip: Not reported
Affiliation Phone: 9517824379,

D37 **SPEEDWAY NO. 6375** **UST** **U004354893**
SE **2940 N BRISTOL ST** **N/A**
1/8-1/4 **SANTA ANA, CA 92706**
0.178 mi.
940 ft. **Site 9 of 15 in cluster D**

Relative: UST:
Higher

Actual:
127 ft.

Name:	SPEEDWAY NO. 6375
Address:	2940 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Facility ID:	FA0062090
Permitting Agency:	Orange County Environmental Health
CERSID:	10404022
Latitude:	33.7783700
Longitude:	-117.884660
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	THRIFTY OIL CO.
Tank owner mailing address:	13116 IMPERIAL HIGHWAY
Tank owner mailing city:	SANTA FE SPRINGS
Tank owner mailing zip:	90670
Tank owner mailing state:	CA
Tank operator name:	R&M PACIFIC RIM INC (SEUNG KIM)
Tank operator mailing address:	2940 N BRISTOL ST
Tank operator mailing city:	SANTA ANA
Tank operator mailing zip:	92706
Tank operator mailing state:	CA
Tankidnumber:	3
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	3/1/1994 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Premium Unleaded
Tank capacity gallons:	12000
Tank type:	Double Wall
Tank pc construction:	Steel
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	SPEEDWAY NO. 6375
Address:	2940 N BRISTOL ST

SPEEDWAY NO. 6375 (Continued) **U004354893**

City,State,Zip:	SANTA ANA, CA 92706
Facility ID:	FA0062090
Permitting Agency:	Orange County Environmental Health
CERSID:	10404022
Latitude:	33.7783700
Longitude:	-117.884660
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	THRIFTY OIL CO.
Tank owner mailing address:	13116 IMPERIAL HIGHWAY
Tank owner mailing city:	SANTA FE SPRINGS
Tank owner mailing zip:	90670
Tank owner mailing state:	CA
Tank operator name:	R&M PACIFIC RIM INC (SEUNG KIM)
Tank operator mailing address:	2940 N BRISTOL ST
Tank operator mailing city:	SANTA ANA
Tank operator mailing zip:	92706
Tank operator mailing state:	CA
Tankidnumber:	2
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	3/1/1994 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Regular Unleaded
Tank capacity gallons:	12000
Tank type:	Double Wall
Tank pc construction:	Steel
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	SPEEDWAY NO. 6375
Address:	2940 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Facility ID:	FA0062090
Permitting Agency:	Orange County Environmental Health
CERSID:	10404022
Latitude:	33.7783700
Longitude:	-117.884660
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9

SPEEDWAY NO. 6375 (Continued) **U004354893**

Tribal lands:	No
Tank owner name:	THRIFTY OIL CO.
Tank owner mailing address:	13116 IMPERIAL HIGHWAY
Tank owner mailing city:	SANTA FE SPRINGS
Tank owner mailing zip:	90670
Tank owner mailing state:	CA
Tank operator name:	R&M PACIFIC RIM INC (SEUNG KIM)
Tank operator mailing address:	2940 N BRISTOL ST
Tank operator mailing city:	SANTA ANA
Tank operator mailing zip:	92706
Tank operator mailing state:	CA
Tankidnumber:	1
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	3/1/1994 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Regular Unleaded
Tank capacity gallons:	15000
Tank type:	Double Wall
Tank pc construction:	Steel
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

D38 **SPEEDWAY #6375** **RCRA NonGen / NLR** **1026828150**
SE **2940 N BRISTOL ST** **CAL000463139**
1/8-1/4 **SANTA ANA, CA 92706**
0.178 mi.
940 ft. **Site 10 of 15 in cluster D**

Relative:
Higher

Actual:
127 ft.

RCRA Listings:

Date Form Received by Agency:	20210607
Handler Name:	Speedway #6375
Handler Address:	2940 N BRISTOL ST
Handler City,State,Zip:	SANTA ANA, CA 92706
EPA ID:	CAL000463139
Contact Name:	TERESA MILES
Contact Address:	500 SPEEDWAY DR
Contact City,State,Zip:	ENON, OH 45323
Contact Telephone:	562-305-8226
Contact Fax:	Not reported
Contact Email:	TAMILES@SPEEDWAY.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported

SPEEDWAY #6375 (Continued) **1026828150**

State District:	Not reported
Mailing Address:	500 SPEEDWAY DR
Mailing City,State,Zip:	ENON, OH 45323
Owner Name:	Trmc Retail Llc
Owner Type:	Other
Operator Name:	Teresa Miles
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210618
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: TERESA MILES	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	500 SPEEDWAY DR
Owner/Operator City,State,Zip:	ENON, OH 45323

SPEEDWAY #6375 (Continued) **1026828150**

Owner/Operator Telephone:	562-305-8226
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: TRMC RETAIL LLC	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	500 SPEEDWAY DR
Owner/Operator City,State,Zip:	ENON, OH 45323
Owner/Operator Telephone:	562-305-8226
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210607
Handler Name: SPEEDWAY #6375	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	447190
NAICS Description:	OTHER GASOLINE STATIONS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

D39 **TESORO (ARCO) 63375** **UST** **U004358492**
SE **2940 N BRISTOL ST** **N/A**
1/8-1/4 **SANTA ANA, CA 92706**
0.178 mi.
940 ft. **Site 11 of 15 in cluster D**

Relative:
Higher

Actual:
127 ft.

UST:

Name:	TESORO (ARCO) 63375
Address:	2940 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Facility ID:	Not reported
Permitting Agency:	Orange County Environmental Health
CERSID:	Not reported
Latitude:	33.77837

TESORO (ARCO) 63375 (Continued) **U004358492**

Longitude:	-117.88466
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

D40 **ARCO STN 375** **SWEEPS UST** **U001578281**
SE **2940 N BRISTOL** **HIST UST** **N/A**
1/8-1/4 **SANTA ANA, CA 92706**
0.178 mi.
940 ft. **Site 12 of 15 in cluster D**

Relative: SWEEPS UST:
Higher

Actual:
127 ft.

Name:	ARCO STN. #375
Address:	2940 N BRISTOL ST
City:	SANTA ANA
Status:	Active
Comp Number:	15
Number:	1
Board Of Equalization:	Not reported
Referral Date:	04-08-93
Action Date:	04-08-93
Created Date:	07-31-88
Owner Tank Id:	1
SWRCB Tank Id:	30-020-000015-000001
Tank Status:	A

ARCO STN 375 (Continued) **U001578281**

Capacity: 15000
Active Date: 04-08-93
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: 3

Name: ARCO STN. #375
Address: 2940 N BRISTOL ST
City: SANTA ANA
Status: Active
Comp Number: 15
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-08-93
Action Date: 04-08-93
Created Date: 07-31-88
Owner Tank Id: 2
SWRCB Tank Id: 30-020-000015-000002
Tank Status: A
Capacity: 120000
Active Date: 04-08-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: ARCO STN. #375
Address: 2940 N BRISTOL ST
City: SANTA ANA
Status: Active
Comp Number: 15
Number: 1
Board Of Equalization: Not reported
Referral Date: 04-08-93
Action Date: 04-08-93
Created Date: 07-31-88
Owner Tank Id: 3
SWRCB Tank Id: 30-020-000015-000003
Tank Status: A
Capacity: 12000
Active Date: 04-08-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
Name: ARCO STN 375
Address: 2940 N BRISTOL
City,State,Zip: SANTA ANA, CA 92706
File Number: 0002ef2d
URL: https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0002ef2d.pdf
Region: STATE
Facility ID: 00000004725
Facility Type: Gas Station
Other Type: Not reported

ARCO STN 375 (Continued) **U001578281**

Contact Name:	Not reported
Telephone:	2139239876
Owner Name:	THRIFTY OIL CO.
Owner Address:	10000 LAKEWOOD BLVD.
Owner City,St,Zip:	DOWNEY, CA 90240
Total Tanks:	0004
Tank Num:	001
Container Num:	375-1
Year Installed:	Not reported
Tank Capacity:	00010418
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	375-2
Year Installed:	Not reported
Tank Capacity:	00008136
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	375-5
Year Installed:	Not reported
Tank Capacity:	00008136
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	375-10
Year Installed:	Not reported
Tank Capacity:	00000280
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	12
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

D41 **ARCO 9739** **UST** **U003781929**
SE **2940 N. BRISTOL** **N/A**
1/8-1/4 **SANTA ANA, CA 92706**
0.178 mi.
940 ft. **Site 13 of 15 in cluster D**

Relative: UST:
Higher

Name:	ARCO 9739
Address:	2940 N. BRISTOL
City,State,Zip:	SANTA ANA, CA 92706
Facility ID:	30-020-sa015
Permitting Agency:	SANTA ANA, CITY OF
CERSID:	Not reported

Actual:
127 ft.

ARCO 9739 (Continued) **U003781929**

Latitude:	33.779717
Longitude:	-117.883312
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

D42 **TESORO REFINING & MARKETING COMPANY LLC #63375** **RCRA NonGen / NLR** **1024833545**
SE **2940 N BRISTOL ST** **CAL000372973**
1/8-1/4 **SANTA ANA, CA 92706**
0.178 mi.
940 ft. **Site 14 of 15 in cluster D**

Relative:
Higher

Actual:
127 ft.

RCRA Listings:

Date Form Received by Agency:	20210602
Handler Name:	Tesoro Refining & Marketing Company Llc #63375
Handler Address:	2940 N BRISTOL ST
Handler City,State,Zip:	SANTA ANA, CA 92706-1008
EPA ID:	CAL000372973
Contact Name:	BRENDA RAMIREZ
Contact Address:	RIDGEWOOD PKWY
Contact City,State,Zip:	SAN ANTONIO, TX 78259
Contact Telephone:	210-626-5153
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported

TESORO REFINING & MARKETING COMPANY LLC #63375 (Continued) **1024833545**

EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	RIDGEWOOD PKWY
Mailing City,State,Zip:	SAN ANTONIO, TX 78259
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Tesoro Refining & Marketing Company
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210603
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

TESORO REFINING & MARKETING COMPANY LLC #63375 (Continued) **1024833545**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: TESORO REFINING & MARKETING COMPANY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	500 SPEEDWAY DR
Owner/Operator City,State,Zip:	ENON, OH 45323
Owner/Operator Telephone:	562-305-8226
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: TESORO REFINING & MARKETING COMPANY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	19100 RIDGEWOOD PKWY
Owner/Operator City,State,Zip:	SAN ANTONIO, TX 78259-0000
Owner/Operator Telephone:	210-626-6153
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: TESORO REFINING & MARKETING COMPANY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	19100 RIDGEWOOD PKWY
Owner/Operator City,State,Zip:	SAN ANTONIO, TX 78259
Owner/Operator Telephone:	210-626-6153
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: BRENDA RAMIREZ	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	19100 RIDGEWOOD PKWY
Owner/Operator City,State,Zip:	SAN ANTONIO, TX 78259
Owner/Operator Telephone:	210-626-5153
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20210602
Handler Name:	TESORO REFINING & MARKETING COMPANY LLC #63375
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

TESORO REFINING & MARKETING COMPANY LLC #63375 (Continued) **1024833545**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20120322
Handler Name: TESORO USA 63375
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20210203
Handler Name: TESORO REFINING & MARKETING COMPANY LLC #63375
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 44719
NAICS Description: OTHER GASOLINE STATIONS

NAICS Code: Not reported
NAICS Description: Not reported

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

D43 **SPEEDWAY 6375 ARCO** **UST** **U004274457**
SE **2940 N BRISTOL ST** **N/A**
1/8-1/4 **SANTA ANA, CA 92706**
0.178 mi.
940 ft. **Site 15 of 15 in cluster D**

Relative: **Higher**
Actual: **127 ft.**

ORANGE CO. UST:

Name:	SPEEDWAY 6375 ARCO
Address:	2940 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706-1008
Facility ID:	FA0062090
Notes:	Not reported

F44 **PARK CITY CENTER** **LUST** **S102769841**
SSW **630 THE CITY** **HIST UST** **N/A**
1/8-1/4 **ORANGE, CA 92668** **Cortese**
0.182 mi. **CERS**
961 ft. **Site 3 of 5 in cluster F**

Relative: **Lower**
Actual: **122 ft.**

LUST:

Name:	PARK CITY CENTER
Address:	630 THE CITY
City,State,Zip:	ORANGE, CA 92668
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605902079
Global Id:	T0605902079
Latitude:	33.777369
Longitude:	-117.890256
Status:	Completed - Case Closed
Status Date:	04/24/1998
Case Worker:	Not reported
RB Case Number:	083003046T
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	97UT047
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	10/27/1997
Leak Reported Date:	10/27/1997
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Close and Remove Tank
Stop Description:	Not reported
No Further Action Date:	04/24/1998
CA Water Watershed Name:	Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Dwr Groundwater Subbasin Name:	Coastal Plain Of Orange County (8-001)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	66-70%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SANTA ANA RWQCB (REGION 8)
Site History:	Not reported

PARK CITY CENTER (Continued) **S102769841**

LUST:
Global Id: T0605902079
Action Type: Other
Date: 10/27/1997
Action: Leak Reported

Global Id: T0605902079
Action Type: ENFORCEMENT
Date: 03/25/1998
Action: Closure/No Further Action Letter

Global Id: T0605902079
Action Type: ENFORCEMENT
Date: 08/22/2020
Action: Historic Files

Global Id: T0605902079
Action Type: Other
Date: 10/27/1997
Action: Leak Discovery

LUST:
Global Id: T0605902079
Status: Open - Case Begin Date
Status Date: 10/27/1997

Global Id: T0605902079
Status: Completed - Case Closed
Status Date: 04/24/1998

LUST REG 8:
Name: PARK CITY CENTER
Address: 630 THE CITY
City: ORANGE
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083003046T
Local Case Num: 97UT047
Case Type: Soil only
Substance: 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: T0605902079
How Stopped Date: 9/9/9999
Enter Date: Not reported
Date Confirmation of Leak Began: Not reported

PARK CITY CENTER (Continued) **S102769841**

Date Preliminary Assessment Began:	Not reported
Discover Date:	10/27/1997
Enforcement Date:	Not reported
Close Date:	4/24/1998
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:	33.7790686
Longitude:	-117.8890696
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:	NOM
Staff Initials:	KC
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:

Name:	WESTERN NATIONAL PROPERTIES
Address:	630 THE CITY DRIVE 200
City,State,Zip:	ORANGE, CA 92668
File Number:	0001f100
URL:	https://documents.geotracker.waterboards.ca.gov/ustpdfs/pdf/0001f100.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported

PARK CITY CENTER (Continued) **S102769841**

Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CORTESE:
Name: PARK CITY CENTER
Address: 630 THE CITY
City,State,Zip: ORANGE, CA 92668
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605902079
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: PARK CITY CENTER
Address: 630 THE CITY
City,State,Zip: ORANGE, CA 92668
Site ID: 674771
CERS ID: T0605902079
CERS Description: Leaking Underground Storage Tank Cleanup Site

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F45 **WELLTOWER ORANGE TENANT LLC DBA OAKMONT OF ORANGE** **RCRA NonGen / NLR** **1028903766**
SSW **630 THE CITY DR S** **CAL000481459**
1/8-1/4 **ORANGE, CA 92868**
0.182 mi.
961 ft. **Site 4 of 5 in cluster F**

Relative:
Lower

Actual:
122 ft.

RCRA Listings:
Date Form Received by Agency: 20231030
Handler Name: Welltower Orange Tenant Llc Dba Oakmont Of Orange
Handler Address: 630 THE CITY DR S
Handler City,State,Zip: ORANGE, CA 92868
EPA ID: CAL000481459
Contact Name: KEVIN WRIGLEY
Contact Address: 3 PARK PLAZA STE 1920
Contact City,State,Zip: IRVINE, CA 92614
Contact Telephone: 530-227-5738

WELLTOWER ORANGE TENANT LLC DBA OAKMONT OF ORANGE (Continued) **1028903766**

Contact Fax:	Not reported
Contact Email:	KEVIN.WRIGLEY@OAKMONTMG.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	630 THE CITY DR S
Mailing City,State,Zip:	ORANGE, CA 92868
Owner Name:	Welltower Orange Tenant Llc
Owner Type:	Other
Operator Name:	Kevin Wrigley
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20231103
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

WELLTOWER ORANGE TENANT LLC DBA OAKMONT OF ORANGE (Continued) **1028903766**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: WELLTOWER ORANGE TENANT LLC
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 4500 DORR ST
Owner/Operator City,State,Zip: TOLEDO, OH 43615
Owner/Operator Telephone: 949-744-5200
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: KEVIN WRIGLEY
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3 PARK PLAZA STE 1920
Owner/Operator City,State,Zip: IRVINE, CA 92614
Owner/Operator Telephone: 530-227-5738
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20231030
Handler Name: WELLTOWER ORANGE TENANT LLC DBA OAKMONT OF ORANGE
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 623990
NAICS Description: OTHER RESIDENTIAL CARE FACILITIES

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

F46
SSW
1/8-1/4
0.182 mi.
961 ft.

WESTERN NATIONAL PROPERTIES
630 THE CITY DR S # 200
ORANGE, CA 92668

Site 5 of 5 in cluster F

LUST **U001577695**
HIST UST **N/A**
HWTS

Relative:
Lower

Actual:
122 ft.

ORANGE CO. LUST:

Name:	PARK CITY CENTER
Address:	630 S THE CITY DR
City,State,Zip:	ORANGE, CA 92668
Region:	ORANGE
Facility Id:	97UT047
Current Status:	CLOSED
Type of Closure:	Closure certification issued
Released Substance:	Not reported
Date Closed:	04/24/1998
File Location:	Local Agency

HIST UST:

Name:	WESTERN NATIONAL PROPERTIES
Address:	630 THE CITY DR S # 200
City,State,Zip:	ORANGE, CA 92668
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000065555
Facility Type:	Other
Other Type:	REAL ESTATE DEVELOPM
Contact Name:	PETER L. JACOBS
Telephone:	7149714747
Owner Name:	WESTERN NATIONAL PROPERTIES
Owner Address:	630 THE CITY DRIVE
Owner City,St,Zip:	ORANGE, CA 92668
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1980
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor, Pressure Test
Tank Num:	002
Container Num:	3
Year Installed:	1980
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor
Tank Num:	003
Container Num:	2
Year Installed:	1980
Tank Capacity:	00004000
Tank Used for:	PRODUCT
Type of Fuel:	06

WESTERN NATIONAL PROPERTIES (Continued) **U001577695**

Container Construction Thickness: Not reported
Leak Detection: Visual, Stock Inventor

HWTS:
Name: WELLTOWER ORANGE TENANT LLC DBA OAKMONT OF ORANGE
Address: 630 THE CITY DR S
Address 2: Not reported
City,State,Zip: ORANGE, CA 92868
EPA ID: CAL000481459
Inactive Date: Not reported
Create Date: 10/30/2023
Last Act Date: 10/30/2023
Mailing Name: Not reported
Mailing Address: 630 THE CITY DR S
Mailing Address 2: Not reported
Mailing City,State,Zip: ORANGE, CA
Owner Name: WELLTOWER ORANGE TENANT LLC
Owner Address: 4500 DORR ST
Owner Address 2: Not reported
Owner City,State,Zip: TOLEDO, OH 43615
Owner Phone: 9497445200
Owner Fax: Not reported
Contact Name: KEVIN WRIGLEY
Contact Address: 3 PARK PLAZA STE 1920
Contact Address 2: Not reported
City,State,Zip: IRVINE, CA 92614
Contact Phone: 5302275738
Contact Fax: Not reported
Facility Status: Not reported
Facility Type: Not reported
Category: Not reported
Latitude: Not reported
Longitude: Not reported

G47 **CHEVRON #9-1660** **LUST** **S103891622**
ESE **3048 BRISTOL ST** **N/A**
1/8-1/4 **SANTA ANA, CA 92706**
0.192 mi.
1012 ft. **Site 1 of 2 in cluster G**

Relative: LUST REG 8:
Higher
Name: CHEVRON #9-1660
Actual: Address: 3048 BRISTOL ST
129 ft. City: SANTA ANA
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083000926T
Local Case Num: Not reported
Case Type: Soil only
Substance: Regular Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: CALLENS COMMON
Enf Type: Not reported
Funding: Not reported

CHEVRON #9-1660 (Continued) **S103891622**

How Discovered:	Not reported
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0605900738
How Stopped Date:	Not reported
Enter Date:	6/20/1988
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	Not reported
Enforcement Date:	Not reported
Close Date:	6/27/1988
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:	6/20/1988
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7788227
Longitude:	-117.8837945
MTBE Date:	4/30/1996
Max MTBE GW:	640
MTBE Concentration:	1
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	Not reported
Staff:	RS
Staff Initials:	JB
Lead Agency:	Local Agency
Local Agency:	Santa Ana, Orange County
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

H48 **OC SHERIFF'S DEPARTMENT FACILITIES OPERATION** **RCRA NonGen / NLR** **1024811600**
NNW **431 THE CITY DR S** **CAL000295815**
1/8-1/4 **ORANGE, CA 92868**
0.199 mi.
1049 ft. **Site 1 of 14 in cluster H**

Relative: **Higher**
Actual: **128 ft.**

RCRA Listings:

Date Form Received by Agency:	20050629
Handler Name:	Oc Sheriff'S Department Facilities Operation
Handler Address:	431 THE CITY DR S
Handler City,State,Zip:	ORANGE, CA 92868-3303
EPA ID:	CAL000295815
Contact Name:	ELIZABETH OCHOA
Contact Address:	431 THE CITY DR S

OC SHERIFF'S DEPARTMENT FACILITIES OPERATION (Continued) **1024811600**

Contact City,State,Zip:	ORANGE, CA 92868
Contact Telephone:	714-935-6841
Contact Fax:	714-935-6938
Contact Email:	FACILITIESOPERATIONS@OCSD.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	431 THE CITY DR S
Mailing City,State,Zip:	ORANGE, CA 92868-3303
Owner Name:	County Of Orange
Owner Type:	Other
Operator Name:	Elizabeth Ochoa
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

OC SHERIFF'S DEPARTMENT FACILITIES OPERATION (Continued) **1024811600**

Recycler Activity Without Storage: No
Manifest Broker: No
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: ELIZABETH OCHOA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 431 THE CITY DR S
Owner/Operator City,State,Zip: ORANGE, CA 92868
Owner/Operator Telephone: 714-935-6841
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: COUNTY OF ORANGE
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 431 THE CITY DR S
Owner/Operator City,State,Zip: ORANGE, CA 92868-3303
Owner/Operator Telephone: 714-935-6858
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20050629
Handler Name: OC SHERIFF'S DEPARTMENT FACILITIES OPERATION
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 92214
NAICS Description: CORRECTIONAL INSTITUTIONS

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

H49 **ORANGEWOOD CHILDRENS HOME** **CERS TANKS** **S112926582**
NNW **401 THE CITY DR** **HWTS** **N/A**
1/8-1/4 **ORANGE, CA 92868** **HAZNET**
0.205 mi. **CERS**
1084 ft. **Site 2 of 14 in cluster H**

Relative:
Higher

Actual:
128 ft.

CERS TANKS:

Name:	ORANGEWOOD CHILDREN AND FAMILY CENTER
Address:	401 THE CITY DR S
City,State,Zip:	ORANGE, CA 92868
Site ID:	411962
CERS ID:	10565524
CERS Description:	Aboveground Petroleum Storage

HWTS:

Name:	ORANGEWOOD CHILDRENS HOME
Address:	401 THE CITY DR
Address 2:	Not reported
City,State,Zip:	ORANGE, CA 92868
EPA ID:	CAC002559547
Inactive Date:	08/19/2003
Create Date:	12/06/2002
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	888 N MAIN ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SANTA ANA, CA 927013518
Owner Name:	COUNTY OF ORANGE, SOCIAL SERVICE
Owner Address:	888 N MAIN ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SANTA ANA, CA 927013518
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	BARBARA TIDBALL
Contact Address:	888 N MAIN ST
Contact Address 2:	Not reported
City,State,Zip:	SANTA ANA, CA 927013518
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	33.783389
Longitude:	-117.889573

HAZNET:

Name:	ORANGEWOOD CHILDRENS HOME
Address:	401 THE CITY DR
Address 2:	Not reported
City,State,Zip:	ORANGE, CA 92868
Contact:	BARBARA TIDBALL
Telephone:	7145417742
Mailing Name:	Not reported
Mailing Address:	888 N MAIN ST
Year:	2003
Gepaid:	CAC002559547
TSD EPA ID:	CAD088504881

ORANGEWOOD CHILDRENS HOME (Continued) **S112926582**

CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H01 - Transfer Station
Tons: 3.75

Year: 2002
Gepaid: CAC002559547
TSD EPA ID: CAD028409019
CA Waste Code: 352 - Other organic solids
Disposal Method: H01 - Transfer Station
Tons: 0.15

Additional Info:
Year: 2003
Gen EPA ID: CAC002559547

Shipment Date: 20030404
Creation Date: 7/12/2003 18:31:23
Receipt Date: 20030407
Manifest ID: 22119762
Trans EPA ID: CAD981402407
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD088504881
Trans Name: Not reported
TSDF Alt EPA ID: CAD088504881
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D008
Meth Code: H01 - Transfer Station
Quantity Tons: 3.75
Waste Quantity: 7500
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Additional Info:
Year: 2002
Gen EPA ID: CAC002559547

Shipment Date: 20021210
Creation Date: 3/27/2003 18:31:27
Receipt Date: 20021213
Manifest ID: 22121354
Trans EPA ID: CAR000049064
Trans Name: Not reported
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: CAD028409019
Trans Name: Not reported
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

ORANGEWOOD CHILDRENS HOME (Continued) **S112926582**

Waste Code Description:	352 - Other organic solids
RCRA Code:	D008
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.15
Waste Quantity:	300
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

CERS:

Name:	ORANGEWOOD CHILDREN AND FAMILY CENTER
Address:	401 THE CITY DR S
City,State,Zip:	ORANGE, CA 92868
Site ID:	411962
CERS ID:	10565524
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	411962
Site Name:	Orangewood Children and Family Center
Violation Date:	03-12-2015
Citation:	HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description:	Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	Returned to compliance on 02/17/2016.
Violation Division:	Orange City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	411962
Site Name:	Orangewood Children and Family Center
Violation Date:	07-05-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to designate person who reports to management as accountable for discharge prevention at facility.
Violation Notes:	Returned to compliance on 11/12/2019. OBSERVATION: Joe Quader, the designated person accountable for discharge prevention and who reports to facility management, is no longer at the facility. CORRECTIVE ACTION: Please amend your SPCC Plan and designate a new person accountable for discharge prevention and who reports to facility management. Provide proof of compliance within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	411962
Site Name:	Orangewood Children and Family Center
Violation Date:	07-05-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to implement one or more of the following security measures

ORANGEWOOD CHILDRENS HOME (Continued) **S112926582**

	for the facility: 1. Secure and control access to the oil handling, processing, and storage areas. 2. Secure the master flow and drain valves. 3. Prevent unauthorized access to starter controls and oil pumps. 4. Secure out-of-service and loading/unloading connections of oil pipelines. 5. Address the appropriateness of security lighting to both prevent acts of vandalism and assist in the discovery of oil discharges.
Violation Notes:	Returned to compliance on 11/12/2019. OBSERVATION: The facility failed to implement the following security measures: -A lock was not provided for the fill port of the diesel tank. The port was accessible to the public. -The light above the tank was covered by plants and could no longer perform as intended. CORRECTIVE ACTION: Please implement the following security measures for the facility: 1. Secure loading/unloading connections of oil pipelines. 2. Security lighting to both prevent acts of vandalism and assist in the discovery of oil discharges. Provide proof of compliance within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	411962
Site Name:	Orangewood Children and Family Center
Violation Date:	07-05-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide systems or follow procedures to prevent overfills as described in the SPCC Plan, and/or failure to routinely test to ensure proper operation.
Violation Notes:	Returned to compliance on 11/12/2019. OBSERVATION: No records were available on-site of the routine testing of the overfill monitoring equipment. CORRECTIVE ACTION: Provide records of the routine testing of overfill monitoring equipment to ensure proper operation. Provide records to this agency within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	411962
Site Name:	Orangewood Children and Family Center
Violation Date:	09-22-2015
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to maintain SPCC plan onsite (applies if facility is manned at least four (4) hours per day).
Violation Notes:	Returned to compliance on 07/03/2017. The facility’s Spill Control and Countermeasure (SPCC) plan was not available for inspection. Maintain the facility’s SPCC plan available for review. A re-inspection will be conducted.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	411962
Site Name:	Orangewood Children and Family Center
Violation Date:	07-05-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

ORANGEWOOD CHILDRENS HOME (Continued) **S112926582**

Violation Description:	Failure to address in the SPCC Plan countermeasures for discharge discovery, response, and cleanup (both facility s and contractor s resources).
Violation Notes:	Returned to compliance on 11/12/2019. OBSERVATION: The facility did not address in the SPCC Plan countermeasures for discharge discovery, response, and cleanup. On the SPCC plan it was written that if a discharge occurs it would flow to the storm drain. No countermeasures were mentioned. CORRECTIVE ACTION: Amend the SPCC Plan to fully address the countermeasures that the facility will conduct to discover, respond and cleanup any discharge. This should include both the facility's and contractor's prescribed actions and resources. A spill kit was observed by the tank which was not mentioned as a countermeasure. Please provide proof of compliance within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	411962
Site Name:	Orangewood Children and Family Center
Violation Date:	07-05-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to complete and maintain at the facility the Substantial Harm Criteria certification form when owner or operator determines that the facility could not be reasonably expected to cause substantial harm to the environment.
Violation Notes:	Returned to compliance on 11/12/2019. OBSERVATION: Failure to complete and maintain at the facility the Substantial Harm Criteria certification form when the owner or operator determined that the facility could not be reasonably expected to cause substantial harm to the environment. CORRECTIVE ACTION: Complete and maintain at the facility the Substantial Harm Criteria certification form. Submit the form to this agency within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	411962
Site Name:	Orangewood Children and Family Center
Violation Date:	07-05-2019
Citation:	HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description:	Failure to amend the SPCC Plan within 6 months: 1. When the facility has had a change in design, construction, operation, or maintenance which affects the facility s discharge potential. AND/OR 2. To include more effective proven technology at the time of the 5-year SPCC Plan review and evaluation.
Violation Notes:	Returned to compliance on 11/12/2019. OBSERVATION: The following amendments were observed to be missing from the SPCC Plan: -Joe Quader, the designated person accountable for discharge prevention and who reports to facility management, is no longer at the facility. -The secondary containment of the 2,000 gallon tank is over 2,000 gallons not 1,200 gallons, as stated on SPCC Plan. -The facility did not address the countermeasures that will be taken for discharge discovery, response, and cleanup. CORRECTIVE ACTION: Please amend your SPCC Pan accordingly. Please submit proof of compliance within 30 days.

ORANGEWOOD CHILDRENS HOME (Continued) **S112926582**

Violation Division: Orange County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-03-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine Aboveground Petroleum Storage Tank (APST) inspection. Met with Sheila Sentner, the Facility's Secretary. Also present was Brian Gallegos, the facility's mechanic. The following APSTs with storage capacity greater than 55 gallons were observed: -Diesel - 2,000 gallon tank All APSTs observed on site have secondary containment. A Spill Prevention, Control and Countermeasure (SPCC) Plan dated and self certified by Polin Modanlou, the manager, on 9/16/2014 was on-site, available for review, and was being implemented. Management approval was signed and dated by Polin Modanlou, the manager. This inspection report was emailed to sheila.sentner@ssa.ocgov.com.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-31-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Emailed facility in regards to the open violations for the inspection performed on 7/3/2019.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-17-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: field verification
Eval Division: Orange City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-21-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Joe returned my message and provided updated contact information. ARUR submitted with current owner address. Contacted Bryan at 714 697 6112 facilities to arrange access to inspect.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-12-2019
Violations Found: No

ORANGEWOOD CHILDRENS HOME (Continued) **S112926582**

Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed the facility's SPCC Plan dated 11/7/19. The SPCC Plan addresses security, overfill prevention, and a person designated for discharge prevention. The plan has been amended as necessary and addresses countermeasures for discharge discovery. Violation I014 is voided, the certificate of Substantial Harm Criteria is not required for this facility. Violations I415, I037, I571, I249 and I012 are corrected at this time. The facility has no outstanding Aboveground Petroleum Storage violations. This report was sent to polin.modanlou@ocpw.ocgov.com.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-21-2021
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: field verification.
Eval Division: Orange City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-12-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Chemical inventory is incomplete and/or requires update.
Eval Division: Orange City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 09-08-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: ARUR prompted research into correct contact information. Msg left for Joe at (714) 541-7789 to call.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 09-22-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site for an above ground petroleum storage tank (APST) inspection. Steve Craven, facilities mechanic, was present for the inspection and provided consent to inspect. This facility is regulated under the Above Ground Storage Act (APSA). There is equal to or greater than 1,320 but less than 9,999 gallons of regulated petroleum products in drums or tanks sized 55 gallons or larger on site. SPILL CONTROL: Inspection found bulk petroleum storage secondary containment to be a double walled tank. The double wall tank was a 2,000 gallon diesel APST located outside adjacent to the generator that it supplied. INSPECTIONS: Owner reported that monthly inspections were being conducted as described in the plan. However, inspection records were

ORANGEWOOD CHILDRENS HOME (Continued) **S112926582**

not maintained. You must keep a record of the inspections and tests performed, signed by the appropriate supervisor or inspector, with the SPCC Plan for a period of three years from the date of activity. EMPLOYEE TRAINING: The [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Coordinates:
Site ID: 411962
Facility Name: Orangewood Children and Family Center
Env Int Type Code: APSA
Program ID: 10565524
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.783580
Longitude: -117.889660

Affiliation:
Affiliation Type Desc: CUPA District
Entity Name: Orange County Env Health
Entity Title: Not reported
Affiliation Address: 1241 East Dyer RoadSuite 120
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92705-5611
Affiliation Phone: (714) 433-6406,

Affiliation Type Desc: Document Preparer
Entity Name: jonathan blackwell
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: jonathan blackwell
Entity Title: Not reported
Affiliation Address: 1143 E Fruit St
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92701
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Ramon Sanchez
Entity Title: SSA-Facilities Services
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported

ORANGEWOOD CHILDRENS HOME (Continued) **S112926582**

Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Parent Corporation
Entity Name: Orangewood Children and Family Center
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Operator
Entity Name: County of Orange
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (714) 541-7789,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1143 E Fruit St
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92701
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: County of Orange
Entity Title: Not reported
Affiliation Address: 1143 E Fruit St
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92701
Affiliation Phone: (714) 541-7789,

Affiliation Type Desc: Property Owner
Entity Name: County of Orange
Entity Title: Not reported
Affiliation Address: 1143 E Fruit St
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 92701
Affiliation Phone: (714) 834-6422,

G50 **CITY GARDENS** **RCRA NonGen / NLR** **1026479264**
ESE **2949 BRISTOL STREET UNIT A** **CAC003085186**
1/8-1/4 **SANTA ANA, CA 92706**
0.207 mi.
1092 ft. **Site 2 of 2 in cluster G**

Relative:
Higher

Actual:
131 ft.

RCRA Listings:

Date Form Received by Agency:	20200923
Handler Name:	City Gardens
Handler Address:	2949 BRISTOL STREET UNIT A
Handler City,State,Zip:	SANTA ANA, CA 92706
EPA ID:	CAC003085186
Contact Name:	KARINA GUZMAN
Contact Address:	23461 S POINTE DR #180
Contact City,State,Zip:	LAGUNA HILLS, CA 92653
Contact Telephone:	714-360-8734
Contact Fax:	Not reported
Contact Email:	KRISTINE.RAMOS@PEAS1.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	23461 S POINTE DR #180
Mailing City,State,Zip:	LAGUNA HILLS, CA 92653
Owner Name:	Aperto Prop Mgmt
Owner Type:	Other
Operator Name:	Karina Guzman
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

CITY GARDENS (Continued) **1026479264**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200927
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: KARINA GUZMAN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	23461 S POINTE DR #180
Owner/Operator City,State,Zip:	LAGUNA HILLS, CA 92653
Owner/Operator Telephone:	714-360-8734
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: APERTO PROP MGMT	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	23461 S POINTE DR #180
Owner/Operator City,State,Zip:	LAGUNA HILLS, CA 92653
Owner/Operator Telephone:	714-360-8734
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200923
Handler Name: CITY GARDENS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CITY GARDENS (Continued) **1026479264**

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

I51 **YOUTH GUIDANCE CENTER** **CERS TANKS** **S112970767**
ENE **3030 N HESPERIAN ST** **CERS** **N/A**
1/8-1/4 **SANTA ANA, CA 92706**
0.218 mi.
1153 ft. **Site 1 of 2 in cluster I**

Relative:
Higher

Actual:
130 ft.

CERS TANKS:
Name: YOUTH GUIDANCE CENTER
Address: 3030 N HESPERIAN ST
City,State,Zip: SANTA ANA, CA 92706
Site ID: 417630
CERS ID: 10565542
CERS Description: Aboveground Petroleum Storage

CERS:
Name: YOUTH GUIDANCE CENTER
Address: 3030 N HESPERIAN ST
City,State,Zip: SANTA ANA, CA 92706
Site ID: 417630
CERS ID: 10565542
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 417630
Site Name: Youth Guidance Center
Violation Date: 01-27-2016
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 06/12/2017. On the Hazardous Material Inventory form for Diesel #2 you have selected Underground Tank. Please mark Above Ground Tank. Please submit a Hazardous Material Inventory form for salt.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 417630
Site Name: Youth Guidance Center
Violation Date: 10-01-2014
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material

YOUTH GUIDANCE CENTER (Continued) **S112970767**

inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 05/06/2015.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 417630
Site Name: Youth Guidance Center
Violation Date: 10-01-2014
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 05/06/2015.
Violation Division: Orange County Environmental Health
Violation Program: HMRRP
Violation Source: CERS,

Site ID: 417630
Site Name: Youth Guidance Center
Violation Date: 01-27-2016
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description: Failure to provide training regarding: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan.
Violation Notes: Returned to compliance on 07/03/2017. Employee training was last conducted on 8/20/14. Employees are required to receive training annually. Conduct an employee training session and forward a copy of the roster to this office within 30 days.
Violation Division: Orange County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 05-06-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Read/review HMBEP in E-submit. All requested changes have been made. 2015 HMBEP is accepted.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-26-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 7/26/16 Your submission has been reviewed and accepted. Thank you
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

YOUTH GUIDANCE CENTER (Continued) **S112970767**

Eval General Type: Other/Unknown
Eval Date: 10-03-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed the facility's CERS HMBEP Submission. Emergency Response/Contingency Plan declined - Please change the emergency contact phone number for Local Unified Program Agency to (714) 433-6000.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS Facility inspection conducted with Terry Johnson, Office Supervisor. Chemicals observed on this date match the CERS submittal accepted on 3/23/18. Reviewed BEP and the site map with the business. Reminder: Please re-certify your HMBP on or before March 1 at www.cers.calepa.ca.gov No violation observed on this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Onsite to conduct a routine aboveground petroleum storage tank APST inspection. Consent to inspect and take photos if necessary was granted by Polin Modanlou. Barbara Lee was also present during this inspection. No photos were taken on this date. The following was observed: 2000-gallon diesel tank (for back-up generator) The SPCC Plan was reviewed. The plan was self-certified on this date, 1/27/16. Employee training was last conducted on 8/20/14. The monthly inspections logs were reviewed and the last inspection was conducted on 8/20/14. A copy of this report will be sent to Polin Modanlou.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-27-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Onsite to conduct a routine inspection. Consent to inspect and take photos if necessary was granted by Polin Modanlou. Barbara Lee was also present during this inspection. No photos were taken on this date. The following were observed: 2000-gallon diesel tank (for back-up generator) 20 x 40 lbs. bags of salt for water softener = 800 lbs. The hazardous material disclosure submitted via the E-Submit Portal was reviewed onsite during this inspection. Please make the following changes and resubmit: On the Hazardous Material Inventory form for Diesel #2 you have selected Underground Tank. Please mark Above Ground Tank. Please submit a Hazardous Material Inventory form for salt. A copy of this report will be sent to Polin Modanlou.

YOUTH GUIDANCE CENTER (Continued) **S112970767**

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS CERS ID: 10565542 Facility inspection conducted with Jeff Burgatt, Assistant Division Director. Chemicals observed on this date match the CERS submission on 8/30/2021. Reviewed BEP and the site map with the business. CERS information verified. Reminder: Please re-certify your HMBP on or before March 1 at www.cers.calepa.ca.gov No violation observed on this date.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-02-2014
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received electronic submission for this facility in eSubmit. Reviewed submission and declined due to a map omission. Request to correct within the next 30 days.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-07-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site to conduct a routine aboveground petroleum storage tank APST inspection. Consent to inspect and take photos if necessary was granted by Jeff Burgatt, Assistant Division Director. The following was observed: - 2000-gallon diesel tank (for back-up generator) The SPCC Plan was reviewed. The plan was self-certified on November 2018. Employee training and inspection logs are up to date.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-01-2014
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: Orange County Environmental Health as the Certified Unified Program Agency (OC CUPA) is the administrating agency for the Hazardous Materials Disclosure and Business Emergency Plan programs (HMD/BEP) previously administered by the Orange County Fire Authority. During the months of August and December of 2013, the OC CUPA sent out letters to regulated businesses requesting them to electronically submit their HMD/BEP forms. Electronic submission of these forms is a legal requirement. Failure to submit HMD/BEP forms is in violation of the California Health & Safety Code Chapter 6.95. According to our records there is no electronic submission for this facility. Please go

YOUTH GUIDANCE CENTER (Continued) **S112970767**

to www.esubmit.ocgov.com to request a username and password and submit your HMD/BEP forms within the next 30 days. Businesses may also submit forms via the California Environmental Reporting System. Please verify that all owner information that is prepopulated on the E-Submit Portal is still [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-10-2017
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Facility's CERS HMBEP Submission accepted.
Eval Division: Orange County Environmental Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-10-2018
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: INSPECTOR COMMENTS On site to conduct a routine aboveground petroleum storage tank APST inspection. Consent to inspect and take photos if necessary was granted by Terry Johnson, Office Supervisor. The following was observed: - 2000-gallon diesel tank (for back-up generator) The SPCC Plan was reviewed. The plan was self-certified on this date, 1/27/16. Employee training and inspection logs are up to date.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Coordinates:
Site ID: 417630
Facility Name: Youth Guidance Center
Env Int Type Code: APSA
Program ID: 10565542
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.781700
Longitude: -117.883020

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Jacob Zamora
Entity Title: Not reported
Affiliation Address: 1143 E Fruit St
Affiliation City: Santa Ana
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92701
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: County of Orange Probation

YOUTH GUIDANCE CENTER (Continued) **S112970767**

Entity Title:	Not reported
Affiliation Address:	1143 E Fruit St
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92701
Affiliation Phone:	(714) 836-2707,
Affiliation Type Desc:	Operator
Entity Name:	County of Orange Probation
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(714) 836-2707,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Youth Guidance Center
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	County of Orange Probation
Entity Title:	Not reported
Affiliation Address:	1143 E Fruit St
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92701
Affiliation Phone:	(714) 834-6422,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3030 N Hesperian St
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92706
Affiliation Phone:	,
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406,

YOUTH GUIDANCE CENTER (Continued) **S112970767**

Affiliation Type Desc:	Document Preparer
Entity Name:	Jacob Zamora
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	Jacob Zamora
Entity Title:	Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

I52 **ORANGE COUNTY YOUTH GUIDANCE CENTER** **RCRA NonGen / NLR** **1026050777**
ENE **3030 N HESPERIAN ST** **CAC003057625**
1/8-1/4 **SANTA ANA, CA 92706**
0.218 mi.
1153 ft. **Site 2 of 2 in cluster I**

Relative:
Higher

Actual:
130 ft.

RCRA Listings:

Date Form Received by Agency:	20200226
Handler Name:	Orange County Youth Guidance Center
Handler Address:	3030 N HESPERIAN ST
Handler City,State,Zip:	SANTA ANA, CA 92706-1151
EPA ID:	CAC003057625
Contact Name:	CHARLENE DEL MUNDO
Contact Address:	1143 E FRUIT ST
Contact City,State,Zip:	SANTA ANA, CA 92701-4204
Contact Telephone:	714-667-4928
Contact Fax:	Not reported
Contact Email:	CHARLENE.DELMUNDO@OCPW.OCGOV.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1143 E FRUIT ST
Mailing City,State,Zip:	SANTA ANA, CA 92701-4204
Owner Name:	Orange County Public Works
Owner Type:	Other
Operator Name:	Charlene Del Mundo
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

ORANGE COUNTY YOUTH GUIDANCE CENTER (Continued) **1026050777**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200306
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: ORANGE COUNTY PUBLIC WORKS	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1143 E FRUIT ST
Owner/Operator City,State,Zip:	SANTA ANA, CA 92701-4204
Owner/Operator Telephone:	714-667-4928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: CHARLENE DEL MUNDO	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported

ORANGE COUNTY YOUTH GUIDANCE CENTER (Continued) **1026050777**

Owner/Operator Address:	1143 E FRUIT ST
Owner/Operator City,State,Zip:	SANTA ANA, CA 92701-4204
Owner/Operator Telephone:	714-667-4928
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200226
Handler Name:	ORANGE COUNTY YOUTH GUIDANCE CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92219
NAICS Description:	OTHER JUSTICE, PUBLIC ORDER, AND SAFETY ACTIVITIES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

53
SW
1/8-1/4
0.221 mi.
1165 ft.

NEXUS CITY SQUARE **UST** **U003782067**
770 CITY DRIVE SOUTH **SWEEPS UST** **N/A**
ORANGE, CA 92668

Relative:
Lower

Actual:
120 ft.

UST:

Name:	NEXUS CITY SQUARE
Address:	770 CITY DRIVE SOUTH
City,State,Zip:	ORANGE, CA 92668
Facility ID:	30-030-800008
Permitting Agency:	ORANGE, CITY OF
CERSID:	Not reported
Latitude:	33.7774408
Longitude:	-117.8915151
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported

NEXUS CITY SQUARE (Continued) **U003782067**

Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

SWEEPS UST:

Name:	NEXUS CITY SQUARE
Address:	770 CITY DRIVE SOUTH
City:	ORANGE
Status:	Active
Comp Number:	800008
Number:	3
Board Of Equalization:	44-016993
Referral Date:	05-25-93
Action Date:	05-25-93
Created Date:	04-03-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	30-030-800008-000001
Tank Status:	A
Capacity:	200
Active Date:	05-25-93
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

54
South
1/8-1/4
0.235 mi.
1241 ft.

GARDEN GROVE SAND & GRAVEL CO.

ORANGE (County), CA

MINES MRDS **1025690671**
N/A

Relative:
Lower

Actual:
113 ft.

MINES MRDS:

Name:	GARDEN GROVE SAND & GRAVEL CO.
Address:	Not reported
Deposit identification Number:	10213021
City,State,Zip:	CALIFORNIA
URL:	https://mrdata.usgs.gov/mrds/show-mrds.php?dep_id=10213021
MRDS Identification Number:	Not reported
MAS/MILS Identification Number:	0060590082
Region:	NA
Country:	United States
Primary Commodities:	Sand and Gravel, Construction
Secondary Commodities:	Not reported
Tertiary Commodities:	Not reported
Operation Type:	Processing Plant
Deposit Type:	Not reported
Production Size:	Not reported
Development Status:	Past Producer
Ore Minerals or Materials:	Not reported
Gangue Minerals or Materials:	Not reported
Other Minerals or Materials:	Not reported
Ore Body Form:	Not reported
Workings Type:	Not reported
Mineral Deposit Model:	Not reported
Alteration Processes:	Not reported
Concentration Processes:	Not reported
Previous Names:	Garden Grove Sand and Gravel Co
Ore Controls:	Not reported
Reporter:	Ridenour, James
Host Rock Unit Name:	Not reported
Host Rock Type:	Not reported
Associated Rock Unit Name:	Not reported
Associated Rock Type Code:	Not reported
Structural Characteristics:	Not reported
Tectonic Setting:	Not reported
References:	Not reported
First Production Year:	Not reported
Began Before/After FPY:	Not reported
Last Production Year:	Not reported
Ended Before/After LPY:	Not reported
Year Discovered:	Not reported
Found Before/After YD:	Not reported
Production History:	Not reported
Discovery Information:	Not reported
Latitude:	33.77613
Longitude:	-117.88808

H55 **ORANGE FIRE STATION NO 6** **AST** **A100423006**
NNW **345 THE CITY DR S** **N/A**
1/8-1/4 **ORANGE, CA 92868**
0.244 mi.
1288 ft. **Site 3 of 14 in cluster H**

Relative:
Higher

Actual:
128 ft.

AST:

Name:	ORANGE FIRE STATION NO 6
Address:	345 THE CITY DR S
City/Zip:	ORANGE,92868
Certified Unified Program Agencies:	Not reported
Owner:	City of Orange
Total Gallons:	Not reported
CERSID:	10563763
Facility ID:	FA0051525
Business Name:	CITY OF ORANGE FIRE DEPT STA # 6
Phone:	714-288-2500
Fax:	Not reported
Mailing Address:	176 S Grand Street
Mailing Address City:	Orange
Mailing Address State:	CA
Mailing Address Zip Code:	92866
Operator Name:	Orange City Fire Department
Operator Phone:	714-288-2500
Owner Phone:	714-288-2500
Owner Mail Address:	300 E Chapman Avenue
Owner State:	CA
Owner Zip Code:	92866
Owner Country:	United States
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

H56 **ORANGE FIRE STATION NO 6** **CERS TANKS** **S123503952**
NNW **345 THE CITY DR S** **CERS** **N/A**
1/8-1/4 **ORANGE, CA 92868**
0.244 mi.
1288 ft. **Site 4 of 14 in cluster H**

Relative:
Higher

Actual:
128 ft.

CERS TANKS:

Name:	ORANGE FIRE STATION NO 6
Address:	345 THE CITY DR S
City,State,Zip:	ORANGE, CA 92868
Site ID:	178371
CERS ID:	10563763
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	ORANGE FIRE STATION NO 6
Address:	345 THE CITY DR S
City,State,Zip:	ORANGE, CA 92868
Site ID:	178371
CERS ID:	10563763
CERS Description:	Chemical Storage Facilities

ORANGE FIRE STATION NO 6 (Continued) **S123503952**

Violations:

Site ID:	178371
Site Name:	Orange Fire Station No 6
Violation Date:	06-25-2015
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to perform a five-year review of the SPCC plan.
Violation Notes:	Returned to compliance on 10/28/2015. The facility's SPCC plan was last reviewed 2-26-10. Plans must be reviewed at minimum every 5 years. Review and update the plan to be current. Once completed, submit the attached certificate of return to compliance, signed and dated, to this Agency within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	178371
Site Name:	Orange Fire Station No 6
Violation Date:	01-29-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. Contents of the SPCC Plan.
Violation Notes:	Returned to compliance on 11/04/2019. Annual employee SPCC training is not being conducted. Please have employees conducting petroleum-handling activities trained and have the training documented within 30 days. This documentation must be available for review for 3 years.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	178371
Site Name:	Orange Fire Station No 6
Violation Date:	07-29-2013
Citation:	19 CCR 4 2729.5 - California Code of Regulations, Title 19, Chapter 4, Section(s) 2729.5
Violation Description:	Failure to submit inventory reports (Activities, Owner/Operator, Hazardous Materials Descriptions and Map pages, if required. Documentation must be resubmitted (for facilities which exceed EPCRA thresholds) or re-certified (for facilities which do not exceed EPCRA thresholds) by March 1.
Violation Notes:	Returned to compliance on 07/29/2013.
Violation Division:	Orange City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	178371
Site Name:	Orange Fire Station No 6
Violation Date:	06-25-2015
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide training regarding: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure

ORANGE FIRE STATION NO 6 (Continued) **S123503952**

protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. AND 5. The contents of the SPCC Plan.

Violation Notes: Returned to compliance on 10/28/2015. Bill Dalton was the facility's representative conducting the monthly APST inspections. However, the facility's SPCC plan annual training records did not include this individual in the identification of the employees who were current. The representative conducting the SPCC monthly inspections must be current in annual SPCC plan training. Once corrected, please submit a copy of the updated training roster to this Agency within 30 days.
Violation Division: Orange County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 03-30-2020
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: APSA training records were observed on 11/4/2019. Violation I009 is corrected.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-28-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: This Agency received the facility's certificate of return to compliance, signed and dated, along with the requested supporting documentation. Violations (I009, I757) noted on the 6-25-15 inspection report were corrected.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-29-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine Aboveground Petroleum Storage Tank (APST) inspection. The facility has the following petroleum storage capacity: - 2,000 gallon double-walled AST containing diesel The AST fuels a backup generator through underground supply and return piping. The piping is double-walled fiberglass and under constant monitoring of a Veeder Root TLS 350. There are two piping transition sumps which are monitored by Veeder Root 208 sensors. A Spill Prevention Control & Countermeasures (SPCC) Plan dated 7/7/15 was available for review and is complete. Monthly inspection logs were available for review. Annual employee SPCC training is not being conducted as required by the SPCC Plan. This inspection report was sent to Dale Eggleston at deggleston@cityoforange.org and Dwight Gish at dgish@cityoforange.org.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

ORANGE FIRE STATION NO 6 (Continued) **S123503952**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-31-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: field verification.
Eval Division: Orange City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-25-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Received email from Dale Eggleston stating an online training has been setup for employees and that the training will be initiated. Replied to Dale to inform that we will need some type of roster checklist showing the qualified employees have completed the training.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-30-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: responded to Rosie’s phone and email questions
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-02-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: facility’s APSA submission 3-4-25 was reviewed on CERS and accepted. Refers to hazardous materials inventory.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-30-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS review: 2016
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-17-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: No violations
Eval Division: Orange City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

ORANGE FIRE STATION NO 6 (Continued) **S123503952**

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-18-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: field verification.
Eval Division: Orange City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 06-23-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: looking for contact for APST inspections
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-29-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Orange City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 01-14-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Review PR and CERS contacts for inspection.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 02-11-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS ID 10563763 Facility Information and APSA submittals dated 1/3/19 are accepted.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 06-25-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site for an above ground petroleum storage tank (APST) inspection. Dwight Gish, equipment maintenance supervisor, and Rosie Flores, hazardous materials specialist, were present for the inspection and provided consent to inspect. This facility is regulated under the Above Ground Storage Act (APSA). There is equal to or greater than 1,320 but less than 9,999 gallons of regulated petroleum products in drums or tanks sized 55 gallons or larger on site. The facility

ORANGE FIRE STATION NO 6 (Continued) **S123503952**

operates one 2,000 gallon double wall diesel above ground storage tank (APST). The APST system fuels a backup generator. The APST system has associated underground supply and return piping. The facility had a Spill Control and Countermeasure (SPCC) plan on site and available for review. SPILL CONTROL: Inspection found bulk petroleum storage secondary containment provided as described in the plan. INSPECTIONS: Supervisor reported that monthly inspections were being conducted as described in the [Truncated]

Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Coordinates:
Site ID: 178371
Facility Name: Orange Fire Station No 6
Env Int Type Code: HMBP
Program ID: 10563763
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.784730
Longitude: -117.890510

Affiliation:
Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 1176 E Chapman Ave.
Affiliation City: Orange
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 92866
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Ryan O'Connor
Entity Title: Deputy Fire Marshal
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer
Entity Name: Ryan O'Connor
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Environmental Contact
Entity Name: Ryan O'Connor
Entity Title: Not reported

ORANGE FIRE STATION NO 6 (Continued) **S123503952**

Affiliation Address:	1176 E Chapman Ave.
Affiliation City:	Orange
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92866
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	City of Orange
Entity Title:	Not reported
Affiliation Address:	300 E Chapman Avenue
Affiliation City:	Orange
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	92866
Affiliation Phone:	(714) 288-2500,
Affiliation Type Desc:	Operator
Entity Name:	Orange City Fire Department
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(714) 288-2500,
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406,
Affiliation Type Desc:	Parent Corporation
Entity Name:	CITY OF ORANGE FIRE DEPT STA # 6
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

H57 **AST** **A100340606**
NNW **345 THE CITY DRIVE S** **N/A**
1/8-1/4 **ORANGE, CA**
0.244 mi.
1288 ft. **Site 5 of 14 in cluster H**

Relative: **Higher**
Actual: **128 ft.**

AST:

Name:	Not reported
Address:	345 THE CITY DRIVE S
City/Zip:	ORANGE,
Certified Unified Program Agencies:	Orange
Owner:	CITY OF ORANGE FIRE DEPT STA # 6
Total Gallons:	1,320
CERSID:	Not reported
Facility ID:	Not reported
Business Name:	Not reported
Phone:	Not reported
Fax:	Not reported
Mailing Address:	Not reported
Mailing Address City:	Not reported
Mailing Address State:	Not reported
Mailing Address Zip Code:	Not reported
Operator Name:	Not reported
Operator Phone:	Not reported
Owner Phone:	Not reported
Owner Mail Address:	Not reported
Owner State:	Not reported
Owner Zip Code:	Not reported
Owner Country:	Not reported
Property Owner Name:	Not reported
Property Owner Phone:	Not reported
Property Owner Mailing Address:	Not reported
Property Owner City:	Not reported
Property Owner Stat :	Not reported
Property Owner Zip Code:	Not reported
Property Owner Country:	Not reported
EPAID:	Not reported

H58 **BETTY LOW HAMOREAUX JURENILE JUSTICE CENTER** **UST** **U003782080**
NNW **341 THE CITY DRIVE SOUTH** **N/A**
1/8-1/4 **ORANGE, CA 92868**
0.246 mi.
1301 ft. **Site 6 of 14 in cluster H**

Relative: **Higher**
Actual: **128 ft.**

UST:

Name:	BETTY LOW HAMOREAUX JURENILE JUSTICE CENTER
Address:	341 THE CITY DRIVE SOUTH
City,State,Zip:	ORANGE, CA 92868
Facility ID:	30-030-800041
Permitting Agency:	ORANGE, CITY OF
CERSID:	Not reported
Latitude:	33.7860111
Longitude:	-117.8871067
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported

BETTY LOW HAMOREAUX JURENILE JUSTICE CENTER (Continued) **U003782080**

Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported
Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

H59 **BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF C** **CERS TANKS** **S112898151**
NNW **341 THE CITY DR S** **CERS** **N/A**
1/8-1/4 **ORANGE, CA 92868**
0.246 mi.
1301 ft. **Site 7 of 14 in cluster H**

Relative:
Higher

Actual:
128 ft.

CERS TANKS:

Name:	BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF CALIFORNIA, #30-B1
Address:	341 THE CITY DR S
City,State,Zip:	ORANGE, CA 92868
Site ID:	12041
CERS ID:	10442974
CERS Description:	Aboveground Petroleum Storage

CERS:

Name:	BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF CALIFORNIA, #30-B1
Address:	341 THE CITY DR S
City,State,Zip:	ORANGE, CA 92868
Site ID:	12041
CERS ID:	10442974
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	12041
Site Name:	Betty Lou Lamoreaux Justice, Judicial Council of California, #30-B1
Violation Date:	07-29-2015
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)

BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF CALIFORNIA, (Continued) **S112898151**

Violation Description:	Failure to schedule and conduct spill prevention briefings at least once a year.
Violation Notes:	Returned to compliance on 07/03/2017. The facility's annual oil handler SPCC training was last conducted over one year ago. Training is required annually. Training was conducted this date. An updated training log was provided for review. Violation was corrected.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	12041
Site Name:	Betty Lou Lamoreaux Justice, Judicial Council of California, #30-B1
Violation Date:	08-23-2023
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 08/23/2023.
Violation Division:	Orange City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	12041
Site Name:	Betty Lou Lamoreaux Justice, Judicial Council of California, #30-B1
Violation Date:	07-05-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to ensure that tanks are inspected and tested by an appropriately qualified person in accordance with industry standards.
Violation Notes:	Returned to compliance on 07/22/2019. OBSERVATION: The facility stated in their SPCC Plan that weekly inspection of tanks would be conducted. The facility is conducting monthly inspections. CORRECTIVE ACTION: Conduct weekly inspections of tanks or amend the SPCC Plan to reflect the current monthly inspections. Submit proof of compliance to this agency within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	12041
Site Name:	Betty Lou Lamoreaux Justice, Judicial Council of California, #30-B1
Violation Date:	08-23-2023
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Description:	Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.
Violation Notes:	Returned to compliance on 08/23/2023.
Violation Division:	Orange City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,
Site ID:	12041
Site Name:	Betty Lou Lamoreaux Justice, Judicial Council of California, #30-B1
Violation Date:	07-05-2019

BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF CALIFORNIA, (Continued) **S112898151**

Citation:	HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description:	Failure to amend the SPCC Plan within 6 months: 1. When the facility has had a change in design, construction, operation, or maintenance which affects the facility s discharge potential. AND/OR 2. To include more effective proven technology at the time of the 5-year SPCC Plan review and evaluation.
Violation Notes:	Returned to compliance on 07/22/2019. OBSERVATION: Pradip Desai is no longer the designated person accountable for discharge prevention and the plan has not been amended to reflect the new accountable person. CORRECTIVE ACTION: Amend SPCC as required. Update the designated person accountable for any discharge. Submit proof of the correction to this agency within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	12041
Site Name:	Betty Lou Lamoreaux Justice, Judicial Council of California, #30-B1
Violation Date:	07-05-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide the following training to all oil-handling personnel: 1. Operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. Contents of the SPCC Plan.
Violation Notes:	Returned to compliance on 11/12/2019. OBSERVATION: Training records were not available. The last training record observed on site was 2015. CORRECTIVE ACTION: Provide training in: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. The contents of the SPCC Plan. Please provide training records to this agency within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,
Site ID:	12041
Site Name:	Betty Lou Lamoreaux Justice, Judicial Council of California, #30-B1
Violation Date:	07-05-2019
Citation:	HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Description:	Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.
Violation Notes:	Returned to compliance on 07/22/2019. OBSERVATION: Todd Sundvold, the Facilities Service Officer, stated that a five-year review of the SPCC Plan was recently performed but no documentation was observed on-site. CORRECTIVE ACTION: Complete and document the 5 year review of SPCC Plan and submit verification of proper completion. Submit proof of correction to this agency within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,

BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF CALIFORNIA, (Continued) **S112898151**

Site ID:	12041
Site Name:	Betty Lou Lamoreaux Justice, Judicial Council of California, #30-B1
Violation Date:	07-05-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to conduct spill prevention briefing for oil-handling personnel at least once a year to assure adequate understanding of the SPCC Plan.
Violation Notes:	Returned to compliance on 11/12/2019. OBSERVATION: The facility did not have records of having conducted spill prevention briefings at least once a year since 2015. CORRECTIVE ACTION: Conduct spill prevention briefings annually. Provide compliance verification to this agency within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	12041
Site Name:	Betty Lou Lamoreaux Justice, Judicial Council of California, #30-B1
Violation Date:	07-16-2020
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes:	Returned to compliance on 07/22/2020.
Violation Division:	Orange City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	12041
Site Name:	Betty Lou Lamoreaux Justice, Judicial Council of California, #30-B1
Violation Date:	07-05-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to designate person who reports to management as accountable for discharge prevention at facility.
Violation Notes:	Returned to compliance on 07/22/2019. OBSERVATION: Pradip Desai, the person designate to be accountable for discharge prevention and who reports to facility management, is no longer in charge. A new person has been designated, as stated by Todd Sundvold, the Facilities Service Officer, but the plan has not been updated. CORRECTIVE ACTION: Update the designate person accountable for discharge prevention and who reports to facility management on the SPCC Plan. Provide proof of correction within 30 days.
Violation Division:	Orange County Environmental Health
Violation Program:	APSA
Violation Source:	CERS,

Site ID:	12041
Site Name:	Betty Lou Lamoreaux Justice, Judicial Council of California, #30-B1
Violation Date:	07-05-2019
Citation:	HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Description:	Failure to provide systems or follow procedures to prevent overfills as described in the SPCC Plan, and/or failure to routinely test to ensure proper operation.

BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF CALIFORNIA, (Continued) **S112898151**

Violation Notes: Returned to compliance on 11/12/2019. OBSERVATION: The facility uses electronic monitors to prevent overfill of the tanks. Todd Sundvold, the Facilities Service Officer, stated that routine testing is being performed. No records were available on-site of the routine test of the monitoring equipment. CORRECTIVE ACTION: Provide records of the routine testing of overfill monitoring equipment to ensure proper operation. Provide records to this agency within 30 days.
Violation Division: Orange County Environmental Health
Violation Program: APSA
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-16-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Orange City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-16-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: field verification.
Eval Division: Orange City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-23-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: The following documents were received by this agency: -SPCC Plan reviewed by facility on June 2019. The following violations were observed corrected and will be abated: I249, I383, I571, and I757. Please continue to correct the remaining open violations: I009 - OBSERVATION: Training records were not available. The last training record observed on site was 2015. CORRECTIVE ACTION: Provide training in: 1. The operation and maintenance of equipment to prevent discharges. 2. Discharge procedure protocols. 3. Applicable pollution control laws, rules, and regulations. 4. General facility operations. 5. The contents of the SPCC Plan. Please provide training records to this agency by 8/4/2019. I035 - OBSERVATION: The facility did not have records of having conducted spill prevention briefings at least once a year since 2015. CORRECTIVE ACTION: Conduct spill prevention briefings annually. Provide compliance verification to this agency by 8/4/2019. I037 [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 08-02-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency

BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF CALIFORNIA, (Continued) **S112898151**

Eval Notes: Received the following email from Eva Alvarado: Hello Mr. Bernal, Thank you for the reinspection report. Is it possible to get an extension on the due date for the remaining violations? We are coordinating with the Judicial Council to perform the SPCC training and spill prevention briefing at the end of August, when most people should be finished taking vacations. Attached are the preventative maintenance records provided by Mr. Sundvold for the monitoring system of the AST. Thank you in advance for your consideration to our request. Sincerely, Eva Alvarado | Safety and Preparedness Officer Replied with the following email: Hi Eva, I looked at the preventative maintenance records that were attached but did not see a section which mentioned that the electronic monitors are being tested to verify proper function. Did I miss it? Please let me know if testing of the overfill prevention monitoring equipment is being performed, based on industry [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Orange City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-03-2019
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site to conduct a routine Aboveground Petroleum Storage Tank (APST) inspection. Met with Todd Sundvold, the Facilities Service Officer. The following APSTs with storage capacity greater than 55 gallons were observed: -Diesel - 4,000 gallon tank All APSTs observed on site have secondary containment. A Spill Prevention, Control and Countermeasure (SPCC) Plan dated and certified by professional engineer, Andrew D. Tait, PE, on 4/7/2014 was on-site, available for review, and was being implemented. Management approval was signed and dated by Pradip Desai on 3/24/2014. This inspection report was emailed to laura.sainz@JUD.CA.GOV; tsundvold@occourts.org; Jerry.Ripperda@jud.ca.gov .
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-31-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Emailed facility in regards to the open violations at the facility.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown

BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF CALIFORNIA, (Continued) **S112898151**

Eval Date: 11-14-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: CERS review: accepted BA & update EC
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-23-2023
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: field verification.
Eval Division: Orange City Fire Department
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 04-29-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: 2019 CERS APSA complete
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-29-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site for an above ground petroleum storage tank (APST) inspection. Todd Sunvold, facilities services officer, and Jeremy Lederfine, facilities engineer, were present for the inspection. This facility is regulated under the Above Ground Storage Act (APSA). There is equal to or greater than 1,320 but less than 9,999 gallons of regulated petroleum products in drums or tanks sized 55 gallons or larger on site. The facility had a Spill Control and Countermeasure (SPCC) plan. Its most recent review date was 3-24-14. The plan was on site and available for review. SPILL CONTROL: Inspection found bulk petroleum storage secondary containment and available spill response sorbent materials were provided as described in the plan. INSPECTIONS: Monthly inspections were being conducted. Inspection records were maintained and available for inspection. However, the plan stated that the inspections would be weekly. Monthly inspections are acceptable. Please amend your plan [Truncated]
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 07-02-2015
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: BETTY LOU LAMOREAUX JUSTICE 341 THE CITY DR S ORANGE Facility's APST submission 6-27-14 was reviewed and accepted on CERS. Inspection on site to be conducted. SPCC plan was on line. One 4,000 gallon diesel APST reported on site. Reported operation start up date was 9- 12. The

BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF CALIFORNIA, (Continued) **S112898151**

2-23-15 submission of 4-4-14 SPCC plan was accepted 3-11-15 submission of 4-7-14 SPCC plan accepted
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 11-12-2019
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Reviewed the facility's employee SPCC training records dated November 6, 2019 and the facility's updated SPCC Plan dated June 2019. Violations I009, I035, and I037 are corrected at this time. The facility has no outstanding Aboveground Petroleum Storage violations. This report was sent to ealvarado@occourts.org.
Eval Division: Orange County Environmental Health
Eval Program: APSA
Eval Source: CERS,

Coordinates:
Site ID: 12041
Facility Name: Betty Lou Lamoreaux Justice, Judicial Council of California, #30-B1
Env Int Type Code: APSA
Program ID: 10442974
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.,
Latitude: 33.784800
Longitude: -117.890540

Affiliation:
Affiliation Type Desc: Document Preparer
Entity Name: Alex Fernandez
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Identification Signer
Entity Name: Alex Fernandez
Entity Title: Facilities Analyst
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Legal Owner
Entity Name: Judicial Council of California
Entity Title: Not reported
Affiliation Address: 2860 Gateway Oaks Drive, Suite 400
Affiliation City: Sacramento
Affiliation State: CA

BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF CALIFORNIA, (Continued) **S112898151**

Affiliation Country:	United States
Affiliation Zip:	95833
Affiliation Phone:	(916) 643-4605,
Affiliation Type Desc:	CUPA District
Entity Name:	Orange County Env Health
Entity Title:	Not reported
Affiliation Address:	1241 East Dyer RoadSuite 120
Affiliation City:	Santa Ana
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	92705-5611
Affiliation Phone:	(714) 433-6406,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2860 Gateway Oaks Drive, Suite 400
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95833
Affiliation Phone:	,
Affiliation Type Desc:	Operator
Entity Name:	Judicial Council of California
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(916) 643-4605,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Alex Fernandez
Entity Title:	Not reported
Affiliation Address:	2860 Gateway Oaks Drive, Suite 400
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95833
Affiliation Phone:	,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Judicial Council of California (JCC)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Judicial Council of California
Entity Title:	Not reported

BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF CALIFORNIA, (Continued) **S112898151**

Affiliation Address:	2860 Gateway Oaks Drive, Suite 400
Affiliation City:	Sacramento
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	95833
Affiliation Phone:	(916) 643-4605,

H60 **JUDICIAL COUNCIL OF CALIFORNIA** **RCRA NonGen / NLR** **1026048396**
NNW **341 THE CITY DR.** **CAC003055030**
1/8-1/4 **ORANGE, CA 92868**
0.246 mi.
1301 ft. **Site 8 of 14 in cluster H**

Relative: **Higher**
Actual: **128 ft.**

RCRA Listings:

Date Form Received by Agency:	20200210
Handler Name:	Judicial Council Of California
Handler Address:	341 THE CITY DR.
Handler City,State,Zip:	ORANGE, CA 92868
EPA ID:	CAC003055030
Contact Name:	H. IORGA - JUDICIAL COUNCIL OF CA
Contact Address:	2860 GATEWAY OAKS DRIVE
Contact City,State,Zip:	SACRAMENTO, CA 95833
Contact Telephone:	916-263-1541
Contact Fax:	Not reported
Contact Email:	EHS@JUD.CA.GOV
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2860 GATEWAY OAKS DRIVE
Mailing City,State,Zip:	SACRAMENTO, CA 95833
Owner Name:	Judicial Council Of California
Owner Type:	Other
Operator Name:	H. Iorga - Judicial Council Of Ca
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N

JUDICIAL COUNCIL OF CALIFORNIA (Continued) **1026048396**

Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200210
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUDICIAL COUNCIL OF CALIFORNIA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2860 GATEWAY OAKS DRIVE
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95833
Owner/Operator Telephone:	888-225-3583
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	H. IORGA - JUDICIAL COUNCIL OF CA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2860 GATEWAY OAKS DRIVE
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95833
Owner/Operator Telephone:	916-263-1541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200210
Handler Name:	JUDICIAL COUNCIL OF CALIFORNIA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported

JUDICIAL COUNCIL OF CALIFORNIA (Continued) **1026048396**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	922110
NAICS Description:	COURTS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

H61 **BETTY LOU LAMOREAUX JUSTICE CENTER, 30-B1, JCC** **RCRA NonGen / NLR** **1026808851**
NNW **341 THE CITY DR.** **CAC003206679**
1/8-1/4 **ORANGE, CA 92868**
0.246 mi.
1301 ft. **Site 9 of 14 in cluster H**

Relative: **Higher**

Actual: **128 ft.**

RCRA Listings:

Date Form Received by Agency:	20220712
Handler Name:	Betty Lou Lamoreaux Justice Center, 30-B1, Jcc
Handler Address:	341 THE CITY DR.
Handler City,State,Zip:	ORANGE, CA 92868
EPA ID:	CAC003184938
Contact Name:	SHIRLEY SAVAGE
Contact Address:	2860 GATEWAY OAKS DR
Contact City,State,Zip:	SACRAMENTO, CA 95833
Contact Telephone:	916-643-4605
Contact Fax:	Not reported
Contact Email:	EHS@JUD.CA.GOV
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2860 GATEWAY OAKS DR
Mailing City,State,Zip:	SACRAMENTO, CA 95833
Owner Name:	Judicial Council Of Ca
Owner Type:	Other
Operator Name:	Shirley Savage
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No

BETTY LOU LAMOREAUX JUSTICE CENTER, 30-B1, JCC (Continued) **1026808851**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220712
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: JUDICIAL COUNCIL OF CA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2860 GATEWAY OAKS DR
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95833
Owner/Operator Telephone:	916-643-4605
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: SHIRLEY SAVAGE	
Legal Status:	Other
Date Became Current:	Not reported

BETTY LOU LAMOREAUX JUSTICE CENTER, 30-B1, JCC (Continued) **1026808851**

Date Ended Current:	Not reported
Owner/Operator Address:	2860 GATEWAY OAKS DR
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95833
Owner/Operator Telephone:	916-643-4605
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20220712
Handler Name:	BETTY LOU LAMOREAUX JUSTICE CENTER, 30-B1, JCC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	922110
NAICS Description:	COURTS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

H62 **BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF C** **AST** **A100417664**
NNW **341 THE CITY DR S** **N/A**
1/8-1/4 **ORANGE, CA 92868**
0.246 mi.
1301 ft. **Site 10 of 14 in cluster H**

Relative: AST:
Higher

Name:	BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF CALIFORNIA, #30-B1
Address:	341 THE CITY DR S
City/Zip:	ORANGE,92868
Certified Unified Program Agencies:	Not reported
Owner:	Judicial Council of California
Total Gallons:	Not reported
CERSID:	10442974
Facility ID:	Not reported
Business Name:	Judicial Council of California (JCC)
Phone:	916-263-7992
Fax:	916-263-2342
Mailing Address:	2860 Gateway Oaks Drive, Suite 400
Mailing Address City:	Sacramento
Mailing Address State:	CA
Mailing Address Zip Code:	95833
Operator Name:	Judicial Council of California

Actual:
128 ft.

BETTY LOU LAMOREAUX JUSTICE, JUDICIAL COUNCIL OF CALIFORNIA, (Continued) **A100417664**

Operator Phone:	916-263-7992
Owner Phone:	916-263-7992
Owner Mail Address:	2860 Gateway Oaks Drive, Suite 400
Owner State:	CA
Owner Zip Code:	95833
Owner Country:	United States
Property Owner Name:	Judicial Council of California
Property Owner Phone:	916-263-7992
Property Owner Mailing Address:	2860 Gateway Oaks Drive, Suite 400
Property Owner City:	Sacramento
Property Owner Stat :	CA
Property Owner Zip Code:	95833
Property Owner Country:	United States
EPAID:	Not reported

H63 **LAMOREAUX JUV JUSTICE CENTER** **SWEEPS UST** **S101589703**
NNW **341 THE CITY DRIVE SOUTH** **CA FID UST** **N/A**
1/8-1/4 **ORANGE, CA 92668**
0.246 mi.
1301 ft. **Site 11 of 14 in cluster H**

Relative:
Higher

Actual:
128 ft.

SWEEPS UST:

Name:	LAMOREAUX JUV JUSTICE CENTER
Address:	341 THE CITY DRIVE SOUTH
City:	ORANGE
Status:	Active
Comp Number:	800041
Number:	5
Board Of Equalization:	Not reported
Referral Date:	05-01-91
Action Date:	05-01-91
Created Date:	05-01-91
Owner Tank Id:	ONE
SWRCB Tank Id:	30-030-800041-000001
Tank Status:	A
Capacity:	4000
Active Date:	05-01-91
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

CA FID UST:

Facility ID:	30017925
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	7148347542
Mail To:	Not reported
Mailing Address:	1143 E FRUIT
Mailing Address 2:	Not reported
Mailing City,St,Zip:	ORANGE 92668
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported

LAMOREAUX JUV JUSTICE CENTER (Continued) **S101589703**

EPA ID: Not reported
Comments: Not reported
Status: Active

H64 **JUDICIAL COUNCIL OF CALIFORNIA** **RCRA NonGen / NLR** **1026466712**
NNW **341 THE CITY DRIVE** **CAC003072019**
1/8-1/4 **ORANGE, CA 92868**
0.246 mi.
1301 ft. **Site 12 of 14 in cluster H**

Relative: **Higher**

Actual: **128 ft.**

RCRA Listings:

Date Form Received by Agency:	20200623
Handler Name:	Judicial Council Of California
Handler Address:	341 THE CITY DRIVE
Handler City,State,Zip:	ORANGE, CA 92868
EPA ID:	CAC003072019
Contact Name:	H. IORGA - JUDICIAL COUNCIL OF CA
Contact Address:	2860 GATEWAY OAKS DRIVE
Contact City,State,Zip:	SACRAMENTO, CA 95833
Contact Telephone:	916-263-1541
Contact Fax:	Not reported
Contact Email:	EHS@JUD.CA.GOV
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2860 GATEWAY OAKS DRIVE
Mailing City,State,Zip:	SACRAMENTO, CA 95833
Owner Name:	Judicial Council Of California
Owner Type:	Other
Operator Name:	H. Iorga - Judicial Council Of Ca
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No

JUDICIAL COUNCIL OF CALIFORNIA (Continued) **1026466712**

Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200710
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	H. IORGA - JUDICIAL COUNCIL OF CA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2860 GATEWAY OAKS DRIVE
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95833
Owner/Operator Telephone:	916-263-1541
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUDICIAL COUNCIL OF CALIFORNIA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2860 GATEWAY OAKS DRIVE
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95833
Owner/Operator Telephone:	888-225-3583
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200623
Handler Name:	JUDICIAL COUNCIL OF CALIFORNIA
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

JUDICIAL COUNCIL OF CALIFORNIA (Continued) **1026466712**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 922110
NAICS Description: COURTS

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

H65 **JUDICIAL COUNCIL OF CALIFORNIA** **RCRA NonGen / NLR** **1025855232**
NNW **341 THE CITY DR S** **CAC003035496**
1/8-1/4 **ORANGE, CA 92868**
0.246 mi.
1301 ft. **Site 13 of 14 in cluster H**

Relative:
Higher

Actual:
128 ft.

RCRA Listings:
Date Form Received by Agency: 20190924
Handler Name: Judicial Council Of California
Handler Address: 341 THE CITY DR S
Handler City,State,Zip: ORANGE, CA 92868-3205
EPA ID: CAC003035496
Contact Name: H. IORGA - JUDICIAL COUNCIL OF CA
Contact Address: 2860 GATEWAY OAKS DR
Contact City,State,Zip: SACRAMENTO, CA 95833-3508
Contact Telephone: 916-263-1541
Contact Fax: Not reported
Contact Email: EHS@JUD.CA.GOV
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: Not reported
State District: Not reported
Mailing Address: 2860 GATEWAY OAKS DR
Mailing City,State,Zip: SACRAMENTO, CA 95833-3508
Owner Name: Judicial Council Of California
Owner Type: Other
Operator Name: H. Iorga - Judicial Council Of Ca
Operator Type: Other
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility Activity: No
Recycler Activity with Storage: No

JUDICIAL COUNCIL OF CALIFORNIA (Continued) **1025855232**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190927
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: JUDICIAL COUNCIL OF CALIFORNIA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2860 GATEWAY OAKS DR
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95833-3508
Owner/Operator Telephone:	888-225-3583
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: H. IORGA - JUDICIAL COUNCIL OF CA	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2860 GATEWAY OAKS DR
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95833-3508
Owner/Operator Telephone:	916-263-1541

JUDICIAL COUNCIL OF CALIFORNIA (Continued) **1025855232**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190924
Handler Name: JUDICIAL COUNCIL OF CALIFORNIA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 922110
NAICS Description: COURTS

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

H66 **JUDICIAL COUNCIL OF CALIFORNIA** **RCRA NonGen / NLR** **1025835129**
NNW **341 THE CITY DR.** **CAC003014713**
1/8-1/4 **ORANGE, CA 92868**
0.246 mi.
1301 ft. **Site 14 of 14 in cluster H**

Relative:
Higher

Actual:
128 ft.

RCRA Listings:
Date Form Received by Agency: 20190513
Handler Name: Judicial Council Of California
Handler Address: 341 THE CITY DR.
Handler City,State,Zip: ORANGE, CA 92868
EPA ID: CAC003014713
Contact Name: H. IORGA - JUDICIAL COUNCIL OF CA
Contact Address: 2860 GATEWAY OAKS DRIVE
Contact City,State,Zip: SACRAMENTO, CA 95833
Contact Telephone: 916-263-1541
Contact Fax: Not reported
Contact Email: EHS@JUD.CA.GOV
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: Not reported

JUDICIAL COUNCIL OF CALIFORNIA (Continued) **1025835129**

State District:	Not reported
Mailing Address:	2860 GATEWAY OAKS DRIVE
Mailing City,State,Zip:	SACRAMENTO, CA 95833
Owner Name:	Judicial Council Of California
Owner Type:	Other
Operator Name:	H. Iorga - Judicial Council Of Ca
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUDICIAL COUNCIL OF CALIFORNIA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2860 GATEWAY OAKS DRIVE
Owner/Operator City,State,Zip:	SACRAMENTO, CA 95833

JUDICIAL COUNCIL OF CALIFORNIA (Continued) **1025835129**

Owner/Operator Telephone: 888-225-3583
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: H. IORGA - JUDICIAL COUNCIL OF CA
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 2860 GATEWAY OAKS DRIVE
Owner/Operator City,State,Zip: SACRAMENTO, CA 95833
Owner/Operator Telephone: 916-263-1541
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20190513
Handler Name: JUDICIAL COUNCIL OF CALIFORNIA
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 922110
NAICS Description: COURTS

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

67
West
1/8-1/4
0.248 mi.
1310 ft.

CITY MALL THE
1 CITY BLVD
ORANGE, CA 92868

RCRA-SQG **1000440222**
FINDS **CAD981419161**
ECHO

Relative:
Lower

Actual:
125 ft.

RCRA Listings:
Date Form Received by Agency: 19960901
Handler Name: City Mall The
Handler Address: 1 CITY BLVD
Handler City,State,Zip: ORANGE, CA 92868
EPA ID: CAD981419161
Contact Name: Not reported
Contact Address: Not reported

CITY MALL THE (Continued) **1000440222**

Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ca
State District:	4
Mailing Address:	1 CITY BLVD
Mailing City,State,Zip:	ORANGE, CA 92868
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

CITY MALL THE (Continued) **1000440222**

Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NOT REQUIRED
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE CITY - A PARTNERSHIP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960901
Handler Name: CITY MALL THE
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19860526
Handler Name: CITY MALL THE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Ca
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

CITY MALL THE (Continued) **1000440222**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

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

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110008268347

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:

Envid:	1000440222
Registry ID:	110008268347
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008268347
Name:	CITY MALL THE
Address:	1 CITY BLVD
City,State,Zip:	ORANGE, CA 92868

68
East
1/4-1/2
0.279 mi.
1473 ft.

BRISTOL PLAZA
BRISTOL STREET
SANTA ANA, CA

CPS-SLIC **S104549235**
N/A

Relative:
Higher

Actual:
142 ft.

CPS-SLIC:

Name:	BRISTOL PLAZA
Address:	BRISTOL STREET
City,State,Zip:	SANTA ANA, CA
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/01/2005
Global Id:	SL208443899
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Lead Agency Case Number:	Not reported
Latitude:	33.779486
Longitude:	-117.882143
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	SL208443899
File Location:	Regional Board

BRISTOL PLAZA (Continued) **S104549235**

Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	* Chlorinated Solvents - PCE, * Chlorinated Solvents - TCE
EPA Region:	9
Coordinate Source:	Manual Entry on Screens
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	02/01/2000
Leak Reported Date:	01/02/1965
How Discovered:	* RPR
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	06/01/2005
CA Water Watershed Name:	Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Dwr Groundwater Subbasin Name:	Coastal Plain Of Orange County (8-001)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	61-65%
CA Enviroscreen 4 Score:	50-55%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SANTA ANA RWQCB (REGION 8)
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

J69 **NEXUS CITY SQUARE** **UST FINDER RELEASE** **1029051228**
SW **770 THE CITY DRIVE SOUTH** **N/A**
1/4-1/2 **ORANGE, CA 92618**
0.348 mi.
1836 ft. **Site 1 of 3 in cluster J**

Relative: **Lower**

Actual: **117 ft.**

UST FINDER RELEASE:

Object ID:	67638
Facility ID:	Not reported
Lust ID:	CAT0605901366
Name:	NEXUS CITY SQUARE
Address:	770 THE CITY DRIVE SOUTH
City,State,Zip:	ORANGE, CA 92618
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	2215
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA3010053_14124
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180702010001
Within 100yr Floodplain:	No

NEXUS CITY SQUARE (Continued) **1029051228**

Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.89047
Y Coord:	33.7754100000001
Latitude:	33.77541
Longitude:	-117.890469999999

J70 **NEXUS CITY SQUARE** **LUST** **S105025365**
SW **770 THE CITY DRIVE SOUTH** **Cortese** **N/A**
1/4-1/2 **ORANGE, CA 92618** **HIST CORTESE**
0.348 mi. **CERS**
1836 ft. **Site 2 of 3 in cluster J**

Relative: **Lower**
Actual: **117 ft.**

LUST REG 8:

Name:	NEXUS CITY SQUARE
Address:	770 THE CITY DRIVE SOUTH
City:	ORANGE
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083001827T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	GARDEN GROVE
Enf Type:	CLOS
Funding:	State Funds
How Discovered:	Tank Test
How Stopped:	Not reported
Leak Cause:	Other Cause
Leak Source:	Piping
Global ID:	T0605901366
How Stopped Date:	3/6/1991
Enter Date:	4/9/1991
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	3/6/1991
Enforcement Date:	Not reported
Close Date:	10/17/1991
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:	4/9/1991
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported

NEXUS CITY SQUARE (Continued) **S105025365**

Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7786496
Longitude:	-117.8891806
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:	CAB
Staff Initials:	UNK
Lead Agency:	Local Agency
Local Agency:	Orange, Orange County
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

CORTESE:

Name:	NEXUS CITY SQUARE
Address:	770 THE CITY DRIVE SOUTH
City,State,Zip:	ORANGE, CA 92618
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605901366
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	NEXUS CITY SQUARE
edr_fadd1:	770 CITY
City,State,Zip:	ORANGE, CA 92618
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083001827T

NEXUS CITY SQUARE (Continued) **S105025365**

CERS:
- Name: NEXUS CITY SQUARE
- Address: 770 THE CITY DRIVE SOUTH
- City,State,Zip: ORANGE, CA 92618
- Site ID: 671976
- CERS ID: T0605901366
- CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
- Affiliation Type Desc: Regional Board Caseworker
- Entity Name: MAILE SEEGER GEE - SANTA ANA RWQCB (REGION 8)
- Entity Title: Not reported
- Affiliation Address: 3737 MAIN STREET, SUITE 500
- Affiliation City: RIVERSIDE
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: 9517824379,

- Affiliation Type Desc: Local Agency Caseworker
- Entity Name: UNK - ORANGE, CITY OF
- Entity Title: Not reported
- Affiliation Address: Not reported
- Affiliation City: r8 UNKNOWN
- Affiliation State: CA
- Affiliation Country: Not reported
- Affiliation Zip: Not reported
- Affiliation Phone: ,

J71 **NEXUS CITY SQUARE** **LUST** **S103979249**
SW **770 THE CITY DRIVE SOUTH** **N/A**
1/4-1/2 **ORANGE, CA 92618**
0.348 mi.
1836 ft. **Site 3 of 3 in cluster J**

Relative:
Lower

Actual:
117 ft.

LUST:
- Name: NEXUS CITY SQUARE
- Address: 770 THE CITY DRIVE SOUTH
- City,State,Zip: ORANGE, CA 92618
- Lead Agency: ORANGE, CITY OF
- Case Type: LUST Cleanup Site
- Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901366
- Global Id: T0605901366
- Latitude: 33.776099
- Longitude: -117.892866
- Status: Completed - Case Closed
- Status Date: 10/17/1991
- Case Worker: UNK
- RB Case Number: 083001827T
- Local Agency: ORANGE, CITY OF
- File Location: Not reported
- Local Case Number: Not reported
- Potential Media Affect: Soil
- Potential Contaminants of Concern: Diesel
- EPA Region: 9
- Coordinate Source: Google Geocode
- Cuf Case: NO

NEXUS CITY SQUARE (Continued) **S103979249**

Quantity Released Gallons:	Not reported
Begin Date:	03/06/1991
Leak Reported Date:	03/14/1991
How Discovered:	Tank Tightness Test
How Discovered Description:	Not reported
Discharge Source:	Piping
Discharge Cause:	Other
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	10/17/1991
CA Water Watershed Name:	Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Dwr Groundwater Subbasin Name:	Coastal Plain Of Orange County (8-001)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	66-70%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SANTA ANA RWQCB (REGION 8)
Site History:	Not reported

LUST:

Global Id:	T0605901366
Contact Type:	Regional Board Caseworker
Contact Name:	MAILE SEEGER GEE
Organization Name:	SANTA ANA RWQCB (REGION 8)
Address:	3737 MAIN STREET, SUITE 500
City:	RIVERSIDE
Email:	maile.gee@waterboards.ca.gov
Phone Number:	9517824379

Global Id:	T0605901366
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	UNK
Organization Name:	ORANGE, CITY OF
Address:	Not reported
City:	r8 UNKNOWN
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0605901366
Action Type:	Other
Date:	03/06/1991
Action:	Leak Discovery

Global Id:	T0605901366
Action Type:	Other
Date:	03/14/1991
Action:	Leak Reported

Global Id:	T0605901366
Action Type:	ENFORCEMENT
Date:	10/17/1991
Action:	Closure/No Further Action Letter

Global Id:	T0605901366
Action Type:	Other

NEXUS CITY SQUARE (Continued) **S103979249**

Date: 03/06/1991
Action: Leak Stopped

LUST:
Global Id: T0605901366
Status: Open - Case Begin Date
Status Date: 03/06/1991

Global Id: T0605901366
Status: Completed - Case Closed
Status Date: 10/17/1991

72
SSW
1/4-1/2
0.349 mi.
1844 ft.

FORMER CECILIA'S CLEANERS
840 THE CITY DRIVE SOUTH
ORANGE, CA 92868

ENVIROSTOR **S117541239**
VCP **N/A**
Orange Co. Industrial Site

Relative:
Lower

Actual:
117 ft.

ENVIROSTOR:
Name: FORMER CECILIA'S CLEANERS
Address: 840 THE CITY DRIVE SOUTH
City,State,Zip: ORANGE, CA 92868
Facility ID: 60002574
Status: Active
Status Date: 11/01/2017
Site Code: 401801
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Agreement
Acres: 1.1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Nicholas Ta
Supervisor: Patrick Hsieh
Division Branch: Cleanup Cypress
Assembly: 68
Senate: 34
Special Program: Voluntary Agreement - Standard Voluntary Agreement
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.77473
Longitude: -117.8910
APN: 231-261-13
Past Use: DRY CLEANING
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE
Potential Description: SOIL
Alias Name: 231-261-13
Alias Type: APN
Alias Name: 401801
Alias Type: Project Code (Site Code)
Alias Name: 60002574
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE

FORMER CECILIA'S CLEANERS (Continued) **S117541239**

Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 03/28/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 01/11/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 09/04/2018
Comments: DTSC recommended second rounds of VI sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 11/29/2017
Comments: Final VCA signed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 01/11/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 05/21/2018
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: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: No Further Action Letter
Schedule Due Date: 01/03/2024
Schedule Revised Date: Not reported

VCP:
Name: FORMER CECILIA'S CLEANERS
Address: 840 THE CITY DRIVE SOUTH
City,State,Zip: ORANGE, CA 92868
Facility ID: 60002574
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Agreement
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

FORMER CECILIA'S CLEANERS (Continued) **S117541239**

Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Nicholas Ta
Supervisor:	Patrick Hsieh
Division Branch:	Cleanup Cypress
Site Code:	401801
Assembly:	68
Senate:	34
Special Programs Code:	Voluntary Agreement - Standard Voluntary Agreement
Status:	Active
Status Date:	11/01/2017
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	33.77473 / -117.8910
APN:	231-261-13
Past Use:	DRY CLEANING
Potential COC:	30022, 30027
Confirmed COC:	30022,30027
Potential Description:	SOIL
Alias Name:	231-261-13
Alias Type:	APN
Alias Name:	401801
Alias Type:	Project Code (Site Code)
Alias Name:	60002574
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	03/28/2019
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	01/11/2018
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	09/04/2018
Comments:	DTSC recommended second rounds of VI sampling.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Standard Voluntary Agreement
Completed Date:	11/29/2017
Comments:	Final VCA signed.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	01/11/2018
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

FORMER CECILIA'S CLEANERS (Continued) **S117541239**

Completed Document Type: Risk Assessment Workplan
Completed Date: 05/21/2018
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: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: No Further Action Letter
Schedule Due Date: 01/03/2024
Schedule Revised Date: Not reported

Orange Co. Industrial Site:
Name: ORANGE CITY SQUARE
Address: 840 THE CITY DRIVE SOUTH
City,State,Zip: ORANGE, CA 92868
Case ID: 14IC014
Record ID: RO0003629
Current Status: CLOSED
Closure Type: Invalidated
Released Chemical: DATA NOT ENTERED, SEE FILE
Closed Date: 12/17/2014
File Location: Not reported

K73 **U C IRVINE MEDICAL CENTER** **UST FINDER RELEASE** **1029122052**
NNW **101 THE CITY DRIVE SOUTH** **N/A**
1/4-1/2 **ORANGE, CA 92668**
0.350 mi.
1850 ft. **Site 1 of 4 in cluster K**

Relative: **Higher**

Actual: **129 ft.**

UST FINDER RELEASE:
Object ID: 67630
Facility ID: Not reported
Lust ID: CAT0605901597
Name: U C IRVINE MEDICAL CENTER
Address: 101 THE CITY DRIVE SOUTH
City,State,Zip: ORANGE, CA 92668
Address Match Type: PointAddress
Reported Date: Not reported
Status: No Further Action
Substance: Not reported
Population within 1500ft: 1801
Domestic Wells within 1500ft: 0
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: Yes
WHPA PWS Facility ID: CA3010053_14124
WHPA Water Type: GW - Ground water
WHPA Facility Type: WL - Well
WHPA HUC12: 180702010001
Within 100yr Floodplain: No

U C IRVINE MEDICAL CENTER (Continued) **1029122052**

Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.89071
Y Coord:	33.7870100000001
Latitude:	33.78701
Longitude:	-117.890709999999

K74 **UCI MEDICAL CENTER** **LUST** **S103891754**
NNW **101 THE CITY** **CHMIRS** **N/A**
1/4-1/2 **ORANGE, CA 92868** **Cortese**
0.350 mi. **HWTS**
1850 ft. **Site 2 of 4 in cluster K** **HAZNET**
CERS

Relative:
Higher

Actual:
129 ft.

LUST:

Name:	UCI MEDICAL CENTER
Address:	101 THE CITY
City,State,Zip:	ORANGE, CA 92868
Lead Agency:	ORANGE COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605902281
Global Id:	T0605902281
Latitude:	33.7888834
Longitude:	-117.8906879
Status:	Completed - Case Closed
Status Date:	08/07/2000
Case Worker:	Not reported
RB Case Number:	083003459T
Local Agency:	Not reported
File Location:	Local Agency
Local Case Number:	99UT044
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	* Historical Geocode - Exact Address Match
Cuf Case:	NO
Quantity Released Gallons:	0
Begin Date:	04/20/1999
Leak Reported Date:	04/20/1999
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Close and Remove Tank
Stop Description:	Not reported
No Further Action Date:	08/07/2000
CA Water Watershed Name:	Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Dwr Groundwater Subbasin Name:	Coastal Plain Of Orange County (8-001)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	66-70%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No

UCI MEDICAL CENTER (Continued) **S103891754**

Facility Project Subtype: Not reported
RWQCB Region: SANTA ANA RWQCB (REGION 8)
Site History: Not reported

LUST:
Global Id: T0605902281
Contact Type: Regional Board Caseworker
Contact Name: MAILE SEEGER GEE
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: maile.gee@waterboards.ca.gov
Phone Number: 9517824379

LUST:
Global Id: T0605902281
Action Type: Other
Date: 04/20/1999
Action: Leak Reported

Global Id: T0605902281
Action Type: Other
Date: 04/20/1999
Action: Leak Discovery

LUST:
Global Id: T0605902281
Status: Open - Case Begin Date
Status Date: 04/20/1999

Global Id: T0605902281
Status: Completed - Case Closed
Status Date: 08/07/2000

Name: U C IRVINE MEDICAL CENTER
Address: 101 THE CITY DRIVE SOUTH
City,State,Zip: ORANGE, CA 92668
Lead Agency: ORANGE, CITY OF
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901597
Global Id: T0605901597
Latitude: 33.7888649
Longitude: -117.8906878
Status: Completed - Case Closed
Status Date: 10/30/1997
Case Worker: KD
RB Case Number: 083002158T
Local Agency: ORANGE, CITY OF
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: Google Geocode
Cuf Case: NO
Quantity Released Gallons: Not reported

UCI MEDICAL CENTER (Continued) **S103891754**

Begin Date:	10/05/1992
Leak Reported Date:	10/06/1992
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	10/30/1997
CA Water Watershed Name:	Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Dwr Groundwater Subbasin Name:	Coastal Plain Of Orange County (8-001)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	66-70%
CA Enviroscreen 4 Score:	60-65%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SANTA ANA RWQCB (REGION 8)
Site History:	Not reported

LUST:

Global Id:	T0605901597
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	KATHY DASCOMB
Organization Name:	ORANGE, CITY OF
Address:	2009 EAST EDINGER AVENUE
City:	SANTA ANA
Email:	kdascomb@cityoforange.org
Phone Number:	7146673773

LUST:

Global Id:	T0605901597
Action Type:	Other
Date:	10/05/1992
Action:	Leak Discovery

Global Id:	T0605901597
Action Type:	Other
Date:	10/06/1992
Action:	Leak Reported

Global Id:	T0605901597
Action Type:	Other
Date:	10/05/1992
Action:	Leak Stopped

LUST:

Global Id:	T0605901597
Status:	Open - Case Begin Date
Status Date:	10/05/1992

Global Id:	T0605901597
Status:	Completed - Case Closed
Status Date:	10/30/1997

LUST REG 8:

UCI MEDICAL CENTER (Continued) **S103891754**

Name:	UCI MEDICAL CENTER
Address:	101 THE CITY
City:	ORANGE
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083003459T
Local Case Num:	99UT044
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:	T0605902281
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:	4/20/1999
Enforcement Date:	Not reported
Close Date:	8/7/2000
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:	33.7888834
Longitude:	-117.8906879
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:	CAB
Staff Initials:	AR
Lead Agency:	Local Agency
Local Agency:	30000L
Hydr Basin #:	Not reported
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported

UCI MEDICAL CENTER (Continued) **S103891754**

Work Suspended: Not reported
Summary: Not reported

ORANGE CO. LUST:
Name: UCI MEDICAL CENTER
Address: 101 S THE CITY DR
City,State,Zip: ORANGE, CA 92868
Region: ORANGE
Facility Id: 99UT044
Current Status: CLOSED
Type of Closure: Closure certification issued
Released Substance: Not reported
Date Closed: 08/07/2000
File Location: Local Agency

CHMIRS:
Name: Not reported
Address: 101 THE CITY DR.
City,State,Zip: ORANGE, CA 92868
OES Incident Number: 13-5159
OES notification: 08/20/2013
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 Agncy 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: Yes
Waterway: Santa Ana River
Spill Site: Other
Cleanup By: Reporting Party
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Gal(s)

UCI MEDICAL CENTER (Continued) **S103891754**

Other:	Not reported
Date/Time:	1430
Year:	2013
Agency:	UC Irvine Med Center
Incident Date:	8/19/2013
Admin Agency:	City of Orange Fire Prevention Bureau
Amount:	Not reported
Contained:	No
Site Type:	Santa Ana River
E Date:	Not reported
Substance:	Sewage
Quantity Released:	1000
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:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	RP states a sewer line blockage cause sewage to release through a manhole and spilled approx 1,000 gallons into a parking lot. Storm drain was effected and Watershed Dept of Orange Co. Flood Control stated that there was no release into Santa Ana River. Cleanup is completed.

CORTESE:

Name:	UCI MEDICAL CENTER
Address:	101 THE CITY
City,State,Zip:	ORANGE, CA 92868
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605902281
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported

UCI MEDICAL CENTER (Continued) **S103891754**

Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HWTS:
Name: UCI MEDICAL CENTER
Address: 101 THE CITY DR S
Address 2: Not reported
City,State,Zip: ORANGE, CA 92868
EPA ID: CAC002849141
Inactive Date: 05/18/2016
Create Date: 02/16/2016
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 101 THE CITY DR S
Mailing Address 2: Not reported
Mailing City,State,Zip: ORANGE, CA 928683201
Owner Name: CASTILLO, JAMES
Owner Address: 101 THE CITY DR S
Owner Address 2: Not reported
Owner City,State,Zip: ORANGE, CA 928683201
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: CASTILLO, JAMES
Contact Address: 101 THE CITY DR S
Contact Address 2: Not reported
City,State,Zip: ORANGE, CA 928683201
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 33.78733
Longitude: -117.89069

HAZNET:
Name: UCI MEDICAL CENTER
Address: 101 THE CITY DR S
Address 2: Not reported
City,State,Zip: ORANGE, CA 928683201
Contact: CASTILLO, JAMES
Telephone: 9499224882
Mailing Name: Not reported
Mailing Address: 101 THE CITY DR S

Year: 2016
Gepaid: CAC002849141
TSD EPA ID: AZC950823111
CA Waste Code: 151 - Asbestos containing waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.23

CERS:
Name: U C IRVINE MEDICAL CENTER

UCI MEDICAL CENTER (Continued) **S103891754**

Address: 101 THE CITY DRIVE SOUTH
City,State,Zip: ORANGE, CA 92668
Site ID: 692421
CERS ID: T0605901597
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: KATHY DASCOMB - ORANGE, CITY OF
Entity Title: Not reported
Affiliation Address: 2009 EAST EDINGER AVENUE
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 7146673773,

Name: UCI MEDICAL CENTER
Address: 101 THE CITY
City,State,Zip: ORANGE, CA 92868
Site ID: 692661
CERS ID: T0605902281
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: MAILE SEEGER GEE - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517824379,

K75 **UCI MEDICAL CENTER** **UST FINDER RELEASE** **1029122555**
NNW **101 THE CITY** **N/A**
1/4-1/2 **ORANGE, CA 92868**
0.350 mi.
1850 ft. **Site 3 of 4 in cluster K**

Relative:
Higher

Actual:
129 ft.

UST FINDER RELEASE:
Object ID: 67715
Facility ID: Not reported
Lust ID: CAT0605902281
Name: UCI MEDICAL CENTER
Address: 101 THE CITY
City,State,Zip: ORANGE, CA 92868
Address Match Type: PointAddress
Reported Date: Not reported
Status: No Further Action
Substance: Not reported
Population within 1500ft: 2295
Domestic Wells within 1500ft: 0
Land Use: Developed, High Intensity
Within SPA: No
SPA PWS Facility ID: Not reported

UCI MEDICAL CENTER (Continued) **1029122555**

SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA3010053_14124
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180702010001
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.88886
Y Coord:	33.7867200000001
Latitude:	33.78672
Longitude:	-117.888859999999

K76 **U C IRVINE MEDICAL CENTER** **LUST** **1000120215**
NNW **101 THE CITY DRIVE SOUTH** **Cortese** **N/A**
1/4-1/2 **ORANGE, CA 92668**
0.350 mi.
1850 ft. **Site 4 of 4 in cluster K**

Relative:
Higher

Actual:
129 ft.

LUST REG 8:

Name:	U C IRVINE MEDICAL CENTER
Address:	101 THE CITY DRIVE SOUTH
City:	ORANGE
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083002158T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Unleaded Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Not reported
Leak Source:	Not reported
Global ID:	T0605901597
How Stopped Date:	10/5/1992
Enter Date:	12/22/1992
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	10/5/1992
Enforcement Date:	Not reported
Close Date:	10/30/1997
Date Prelim Assessment Workplan Submitted:	Not reported

U C IRVINE MEDICAL CENTER (Continued) **1000120215**

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:	12/22/1992
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7888834
Longitude:	-117.8906879
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:	NOM
Staff Initials:	Not reported
Lead Agency:	Local Agency
Local Agency:	Orange, Orange County
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary: DIESEL ALSO	

CORTESE:

Name:	U C IRVINE MEDICAL CENTER
Address:	101 THE CITY DRIVE SOUTH
City,State,Zip:	ORANGE, CA 92668
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605901597
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

L77 **CHEVRON #9-8787** **LUST** **S104164237**
SSE **2702 BRISTOL ST** **HIST CORTESE** **N/A**
1/4-1/2 **SANTA ANA, CA 92706**
0.438 mi.
2312 ft. **Site 1 of 8 in cluster L**

Relative: **Lower**
Actual: **120 ft.**

LUST REG 8:

Name:	CHEVRON #9-8787
Address:	2702 BRISTOL ST
City:	SANTA ANA
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083003454T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	MEMORY
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0605902279
How Stopped Date:	1/28/1999
Enter Date:	5/12/1999
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	3/1/1999
Discover Date:	1/28/1999
Enforcement Date:	Not reported
Close Date:	10/4/2001
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	4/23/1999
Date Remediation Plan Submitted:	8/21/2001
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	5/12/1999
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7732178
Longitude:	-117.8848894
MTBE Date:	3/1/1999
Max MTBE GW:	87
MTBE Concentration:	3
Max MTBE Soil:	1.16
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	Not reported
Staff:	TME
Staff Initials:	JB
Lead Agency:	Regional Board

CHEVRON #9-8787 (Continued) **S104164237**

Local Agency: Santa Ana, Orange County
Hydr Basin #: COASTAL PLAIN OF ORA
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: MTBE SOIL 3.3 PPM, 1/28/99, MTBE GW 87PPB 03/01/99 DTW 45FT. Submitted additional site assessment wp on 12/26/00. Responded to on January 23, 2001.

HIST CORTESE:
edr_fname: CHEVRON #9-8787
edr_fadd1: 2702
City,State,Zip: SANTA ANA, CA
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083003454T

edr_fname: CHEVRON #9-8787
edr_fadd1: 2702
City,State,Zip: SANTA ANA, CA
Region: CORTESE
Facility County Code: 30
Reg By: LTNKA
Reg Id: 083003601T

L78 **CHEVRON #9-8787** **UST FINDER RELEASE** **1028933926**
SSE **2702 N BRISTOL ST** **N/A**
1/4-1/2 **SANTA ANA, CA 92706**
0.438 mi.
2312 ft. **Site 2 of 8 in cluster L**

Relative: **Lower**
Actual: **120 ft.**

UST FINDER RELEASE:
Object ID: 67790
Facility ID: Not reported
Lust ID: CAT0605902279
Name: CHEVRON #9-8787
Address: 2702 N BRISTOL ST
City,State,Zip: SANTA ANA, CA 92706
Address Match Type: PointAddress
Reported Date: Not reported
Status: No Further Action
Substance: Not reported
Population within 1500ft: 3139
Domestic Wells within 1500ft: 0
Land Use: Developed, Medium Intensity
Within SPA: No
SPA PWS Facility ID: Not reported
SPA Water Type: Not reported
SPA Facility Type: Not reported
SPA HUC12: Not reported
Within WHPA: No
WHPA PWS Facility ID: Not reported
WHPA Water Type: Not reported
WHPA Facility Type: Not reported
WHPA HUC12: Not reported
Within 100yr Floodplain: No

CHEVRON #9-8787 (Continued) **1028933926**

Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.88487
Y Coord:	33.77342
Latitude:	33.77342
Longitude:	-117.88487

L79 **CHEVRON #9-8787** **LUST** **S104579844**
SSE **2702 N BRISTOL ST** **Cortese** **N/A**
1/4-1/2 **SANTA ANA, CA 92706** **CERS**
0.438 mi.
2312 ft. **Site 3 of 8 in cluster L**

Relative: **Lower**

Actual: **120 ft.**

LUST:

Name:	CHEVRON #9-8787
Address:	2702 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605902279
Global Id:	T0605902279
Latitude:	33.7732178
Longitude:	-117.8848894
Status:	Completed - Case Closed
Status Date:	10/04/2001
Case Worker:	MAO
RB Case Number:	083003454T
Local Agency:	SANTA ANA, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Historical Geocode - Exact Address Match
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	01/28/1999
Leak Reported Date:	04/23/1999
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	10/04/2001
CA Water Watershed Name:	Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Dwr Groundwater Subbasin Name:	Coastal Plain Of Orange County (8-001)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	61-65%
CA Enviroscreen 4 Score:	50-55%
Military DOD Site:	No
Facility Project Subtype:	Not reported

CHEVRON #9-8787 (Continued) **S104579844**

RWQCB Region: SANTA ANA RWQCB (REGION 8)
Site History: Not reported

LUST:
Global Id: T0605902279
Contact Type: Local Agency Caseworker
Contact Name: CHRISTOPHER CIRAULO
Organization Name: SANTA ANA, CITY OF
Address: 1439 S. BROADWAY
City: SANTA ANA
Email: cciraulo@santa-ana.org
Phone Number: Not reported

Global Id: T0605902279
Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: MIGUEL OVIEDO
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 Main Street, Suite 500
City: RIVERSIDE
Email: miguel.oviedo@waterboards.ca.gov
Phone Number: 9517823238

LUST:
Global Id: T0605902279
Action Type: Other
Date: 04/23/1999
Action: Leak Reported

Global Id: T0605902279
Action Type: Other
Date: 01/28/1999
Action: Leak Stopped

Global Id: T0605902279
Action Type: ENFORCEMENT
Date: 10/22/2001
Action: Closure/No Further Action Letter

Global Id: T0605902279
Action Type: Other
Date: 01/28/1999
Action: Leak Discovery

LUST:
Global Id: T0605902279
Status: Open - Case Begin Date
Status Date: 01/28/1999

Global Id: T0605902279
Status: Open - Site Assessment
Status Date: 03/01/1999

Global Id: T0605902279
Status: Open - Site Assessment
Status Date: 04/23/1999

Global Id: T0605902279

CHEVRON #9-8787 (Continued) **S104579844**

Status: Open - Remediation
Status Date: 08/21/2001

Global Id: T0605902279
Status: Completed - Case Closed
Status Date: 10/04/2001

CORTESE:
Name: CHEVRON #9-8787
Address: 2702 N BRISTOL ST
City,State,Zip: SANTA ANA, CA 92706
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605902279
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: CHEVRON #9-8787
Address: 2702 N BRISTOL ST
City,State,Zip: SANTA ANA, CA 92706
Site ID: 644358
CERS ID: T0605902279
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: CHRISTOPHER CIRAULO - SANTA ANA, CITY OF
Entity Title: Not reported
Affiliation Address: 1439 S. BROADWAY
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MIGUEL OVIEDO - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 Main Street, Suite 500

CHEVRON #9-8787 (Continued) **S104579844**

Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517823238,

L80 **MEMORY LANE CLEANERS** **CPS-SLIC** **S113136376**
SSE **2705 N BRISTOL ST STE G-2** **HWTS** **N/A**
1/4-1/2 **SANTA ANA, CA 92706** **HAZNET**
0.448 mi.
2366 ft. **Site 4 of 8 in cluster L**

Relative: **Lower**

Actual: **121 ft.**

CPS-SLIC:

Name:	MEMORY LANE CLEANERS
Address:	2705 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	08/12/2003
Global Id:	T10000017847
Lead Agency:	ORANGE COUNTY LOP
Lead Agency Case Number:	03IC014
Latitude:	33.7735489
Longitude:	-117.8830449
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	ORANGE COUNTY LOP
RB Case Number:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Warehouse
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
EPA Region:	9
Coordinate Source:	Not reported
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	08/12/2003
Leak Reported Date:	Not reported
How Discovered:	Not reported
How Discovered Description:	Not reported
Discharge Source:	Not reported
Discharge Cause:	Not reported
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	08/12/2003
CA Water Watershed Name:	Not reported
Dwr Groundwater Subbasin Name:	Not reported
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	Not reported
CA Enviroscreen 4 Score:	Not reported
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	Not reported
Site History:	Please refer to recent Site Documents or Monitoring Reports for site history. Orange County is not responsible for the accuracy of any professional interpretations provided in reports submitted by consultants for the responsible party.

MEMORY LANE CLEANERS (Continued) **S113136376**

Click here to access the California GeoTracker records for this facility:

HWTS:

Name:	MEMORY LANE CLEANERS
Address:	2705 N BRISTOL ST STE G-2
Address 2:	Not reported
City,State,Zip:	SANTA ANA, CA 92706
EPA ID:	CAL000292131
Inactive Date:	06/30/2008
Create Date:	03/14/2005
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	2705 N BRISTOL ST STE G-2
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SANTA ANA, CA 927060000
Owner Name:	SUK B LEE
Owner Address:	2705 N BRISTOL ST STE G-2
Owner Address 2:	Not reported
Owner City,State,Zip:	SANTA ANA, CA 927060000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	SUK LEE
Contact Address:	1900 NOTTINGHAM PL
Contact Address 2:	Not reported
City,State,Zip:	FULLERTON, CA 928350000
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	PERMANENT
Category:	STATE
Latitude:	33.773164
Longitude:	-117.884561

NAICS:

EPA ID:	CAL000292131
Create Date:	2005-03-14 09:18:32.020
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
Issued EPA ID Date:	2005-03-14 09:18:31.95700
Inactive Date:	2008-06-30 00:00:00
Facility Name:	MEMORY LANE CLEANERS
Facility Address:	2705 N BRISTOL ST STE G-2
Facility Address 2:	Not reported
Facility City:	SANTA ANA
Facility County:	Not reported
Facility State:	CA
Facility Zip:	92706

HAZNET:

Name:	MEMORY LANE CLEANERS
Address:	2705 N BRISTOL ST STE G-2
Address 2:	Not reported
City,State,Zip:	SANTA ANA, CA 92706
Contact:	SUK LEE
Telephone:	7145415725

MEMORY LANE CLEANERS (Continued) **S113136376**

Mailing Name:	Not reported
Mailing Address:	2705 N BRISTOL ST STE G-2
Year:	2007
Gepaid:	CAL000292131
TSD EPA ID:	NVR000076158
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H020 - Solvents Recovery
Tons:	Not reported
Year:	2007
Gepaid:	CAL000292131
TSD EPA ID:	NVR000076158
CA Waste Code:	211 - Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method:	H020 - Solvents Recovery
Tons:	0.22935
Year:	2007
Gepaid:	CAL000292131
TSD EPA ID:	NVR000076158
CA Waste Code:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	H020 - Solvents Recovery
Tons:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAL000292131
Shipment Date:	20070717
Creation Date:	3/4/2008 18:30:28
Receipt Date:	20070719
Manifest ID:	000272817GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20070717

MEMORY LANE CLEANERS (Continued) **S113136376**

Creation Date:	3/4/2008 18:30:28
Receipt Date:	20070719
Manifest ID:	000272817GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	Not reported
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070717
Creation Date:	3/4/2008 18:30:28
Receipt Date:	20070719
Manifest ID:	000272817GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D039
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20070717
Creation Date:	3/4/2008 18:30:28
Receipt Date:	20070719
Manifest ID:	000272817GBF
Trans EPA ID:	CAR000166827
Trans Name:	AMERICAN INDUSTRIAL SERVICES
Trans 2 EPA ID:	CAR000161836
Trans 2 Name:	TECHNICHEM INC
TSDF EPA ID:	NVR000076158
Trans Name:	RESOLVENT INC

MEMORY LANE CLEANERS (Continued) **S113136376**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	211 - Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.
RCRA Code:	F002
Meth Code:	H020 - Solvents Recovery
Quantity Tons:	0.22935
Waste Quantity:	55
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

L81 **EXXON SERVICE STATION #7-3843** **LUST** **U001578282**
SSE **2701 N BRISTOL** **CA FID UST** **N/A**
1/4-1/2 **SANTA ANA, CA 92706** **Cortese**
0.450 mi. **CERS**
2378 ft. **Site 5 of 8 in cluster L**

Relative: **Lower**
Actual: **121 ft.**

LUST:

Name:	EXXON SERVICE STATION #3843
Address:	2701 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900295
Global Id:	T0605900295
Latitude:	33.773270005
Longitude:	-117.8846629
Status:	Completed - Case Closed
Status Date:	04/29/2009
Case Worker:	MG
RB Case Number:	083000370T
Local Agency:	SANTA ANA, CITY OF
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Manual Entry on Screens
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	10/10/1991
Leak Reported Date:	10/10/1991
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	04/29/2009
CA Water Watershed Name:	Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Dwr Groundwater Subbasin Name:	Coastal Plain Of Orange County (8-001)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	61-65%
CA Enviroscreen 4 Score:	50-55%

EXXON SERVICE STATION #7-3843 (Continued) **U001578282**

Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: SANTA ANA RWQCB (REGION 8)
Site History: Not reported

LUST:
Global Id: T0605900295
Contact Type: Local Agency Caseworker
Contact Name: CHRISTOPHER CIRAULO
Organization Name: SANTA ANA, CITY OF
Address: 1439 S. BROADWAY
City: SANTA ANA
Email: cciraulo@santa-ana.org
Phone Number: Not reported

Global Id: T0605900295
Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: MAILE SEEGER GEE
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: maile.gee@waterboards.ca.gov
Phone Number: 9517824379

LUST:
Global Id: T0605900295
Action Type: ENFORCEMENT
Date: 08/29/2002
Action: * No Action

Global Id: T0605900295
Action Type: ENFORCEMENT
Date: 11/17/2003
Action: Staff Letter

Global Id: T0605900295
Action Type: ENFORCEMENT
Date: 03/28/2003
Action: Staff Letter

Global Id: T0605900295
Action Type: Other
Date: 04/21/1995
Action: Leak Discovery

Global Id: T0605900295
Action Type: RESPONSE
Date: 02/24/2003
Action: Soil and Water Investigation Workplan

Global Id: T0605900295
Action Type: RESPONSE
Date: 05/01/2003
Action: Other Report / Document

Global Id: T0605900295
Action Type: RESPONSE

EXXON SERVICE STATION #7-3843 (Continued) **U001578282**

Date: 10/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 01/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 05/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 10/30/2003
Action: Soil and Water Investigation Workplan

Global Id: T0605900295
Action Type: RESPONSE
Date: 10/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 01/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 07/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 07/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: REMEDIATION
Date: 10/05/1998
Action: Soil Vapor Extraction (SVE)

EXXON SERVICE STATION #7-3843 (Continued) **U001578282**

Global Id: T0605900295
Action Type: ENFORCEMENT
Date: 08/28/2007
Action: Staff Letter

Global Id: T0605900295
Action Type: Other
Date: 10/10/1991
Action: Leak Reported

Global Id: T0605900295
Action Type: RESPONSE
Date: 11/22/2002
Action: Other Report / Document

Global Id: T0605900295
Action Type: RESPONSE
Date: 03/06/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 04/30/2004
Action: Remedial Progress Report

Global Id: T0605900295
Action Type: RESPONSE
Date: 01/30/2005
Action: Remedial Progress Report

Global Id: T0605900295
Action Type: RESPONSE
Date: 02/16/2004
Action: Soil and Water Investigation Report

Global Id: T0605900295
Action Type: RESPONSE
Date: 04/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: ENFORCEMENT
Date: 12/18/2008
Action: Verbal Enforcement

Global Id: T0605900295
Action Type: ENFORCEMENT
Date: 04/29/2009
Action: Closure/No Further Action Letter

Global Id: T0605900295
Action Type: RESPONSE
Date: 04/23/2009
Action: Well Destruction Report

Global Id: T0605900295
Action Type: RESPONSE

EXXON SERVICE STATION #7-3843 (Continued) **U001578282**

Date: 07/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 10/30/2002
Action: Remedial Progress Report

Global Id: T0605900295
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 07/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: REMEDIATION
Date: 12/01/2005
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900295
Action Type: REMEDIATION
Date: 02/15/2004
Action: Soil Vapor Extraction (SVE)

Global Id: T0605900295
Action Type: ENFORCEMENT
Date: 01/12/2005
Action: Staff Letter

Global Id: T0605900295
Action Type: ENFORCEMENT
Date: 10/10/2008
Action: Notification - Fee Title Owners Notice

Global Id: T0605900295
Action Type: Other
Date: 04/21/1995
Action: Leak Stopped

Global Id: T0605900295
Action Type: RESPONSE
Date: 09/02/2008
Action: Request for Closure

Global Id: T0605900295
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

EXXON SERVICE STATION #7-3843 (Continued) **U001578282**

Global Id: T0605900295
Action Type: RESPONSE
Date: 10/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 03/01/2006
Action: CAP/RAP - Other Report

Global Id: T0605900295
Action Type: RESPONSE
Date: 01/30/2008
Action: Soil and Water Investigation Report

Global Id: T0605900295
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: ENFORCEMENT
Date: 09/23/2003
Action: Staff Letter

Global Id: T0605900295
Action Type: ENFORCEMENT
Date: 01/27/2004
Action: Site Visit / Inspection / Sampling

Global Id: T0605900295
Action Type: ENFORCEMENT
Date: 12/08/2008
Action: Staff Letter

Global Id: T0605900295
Action Type: RESPONSE
Date: 10/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 06/22/2004
Action: Other Report / Document

Global Id: T0605900295
Action Type: RESPONSE
Date: 03/15/2005
Action: Soil and Water Investigation Report

Global Id: T0605900295
Action Type: RESPONSE

EXXON SERVICE STATION #7-3843 (Continued) **U001578282**

Date: 12/31/2004
Action: Soil and Water Investigation Workplan

Global Id: T0605900295
Action Type: RESPONSE
Date: 06/30/2003
Action: Soil and Water Investigation Report

Global Id: T0605900295
Action Type: RESPONSE
Date: 07/30/2004
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 07/30/2003
Action: Monitoring Report - Quarterly

Global Id: T0605900295
Action Type: RESPONSE
Date: 10/30/2003
Action: Other Report / Document

LUST:
Global Id: T0605900295
Status: Open - Case Begin Date
Status Date: 10/10/1991

Global Id: T0605900295
Status: Open - Site Assessment
Status Date: 01/17/1992

Global Id: T0605900295
Status: Open - Remediation
Status Date: 10/05/1998

Global Id: T0605900295
Status: Open - Verification Monitoring
Status Date: 10/02/2000

Global Id: T0605900295
Status: Open - Remediation
Status Date: 10/30/2002

Global Id: T0605900295
Status: Open - Site Assessment
Status Date: 02/24/2003

Global Id: T0605900295
Status: Open - Remediation
Status Date: 05/03/2004

Global Id: T0605900295
Status: Open - Site Assessment
Status Date: 12/31/2004

Global Id: T0605900295

EXXON SERVICE STATION #7-3843 (Continued) **U001578282**

Status: Open - Remediation
Status Date: 01/27/2005

Global Id: T0605900295
Status: Open - Verification Monitoring
Status Date: 09/27/2007

Global Id: T0605900295
Status: Open - Site Assessment
Status Date: 01/30/2008

Global Id: T0605900295
Status: Completed - Case Closed
Status Date: 04/29/2009

CA FID UST:
Facility ID: 30001243
Regulated By: UTNKA
Regulated ID: 00024068
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7148366323
Mail To: Not reported
Mailing Address: 4550 DACOMA
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ANA 92706
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CORTESE:
Name: EXXON SERVICE STATION #3843
Address: 2701 N BRISTOL ST
City,State,Zip: SANTA ANA, CA 92706
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605900295
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported

EXXON SERVICE STATION #7-3843 (Continued) **U001578282**

WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	EXXON SERVICE STATION #3843
Address:	2701 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Site ID:	653203
CERS ID:	T0605900295
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	CHRISTOPHER CIRAULO - SANTA ANA, CITY OF
Entity Title:	Not reported
Affiliation Address:	1439 S. BROADWAY
Affiliation City:	SANTA ANA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MAILE SEEGER GEE - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517824379,

L82 **EXXON SERVICE STATION #3843** **LUST** **S104164234**
SSE **2701 BRISTOL ST** **N/A**
1/4-1/2 **SANTA ANA, CA 92706**
0.450 mi.
2378 ft. **Site 6 of 8 in cluster L**

Relative: LUST REG 8:
Lower

Actual:
121 ft.

Name:	EXXON SERVICE STATION #3843
Address:	2701 BRISTOL ST
City:	SANTA ANA
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Pollution Characterization
Case Number:	083000370T
Local Case Num:	Not reported
Case Type:	Aquifer affected
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	MEMORY
Enf Type:	SEL
Funding:	Not reported

EXXON SERVICE STATION #3843 (Continued) **S104164234**

How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0605900295
How Stopped Date:	4/21/1995
Enter Date:	1/21/1992
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/21/1995
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	12/31/2004
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	5/3/2004
Date Post Remedial Action Monitoring:	10/2/2000
Enter Date:	1/21/1992
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.77327001
Longitude:	-117.8846629
MTBE Date:	8/23/2001
Max MTBE GW:	6200
MTBE Concentration:	13
Max MTBE Soil:	1940
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	B
Staff:	CAB
Staff Initials:	JB
Lead Agency:	Regional Board
Local Agency:	Santa Ana, Orange County
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: 7/3/93 - SUBMITTED RA. ASSUMED GW AT 135'. REGIONAL DATA SUGGEST 70-90'. MOST SOIL CONTAM 10-40' DEPTH. REQUESTING SOIL CONTAM LEFT IN PLACE WITH CLOSURE.

L83 **EXXON SERVICE STATION #3843** **UST FINDER RELEASE** **1028955225**
SSE **2701 N BRISTOL ST** **N/A**
1/4-1/2 **SANTA ANA, CA 92706**
0.450 mi.
2378 ft. **Site 7 of 8 in cluster L**

Relative: **Lower**
Actual: **121 ft.**

UST FINDER RELEASE:

Object ID:	67796
Facility ID:	Not reported
Lust ID:	CAT0605900295
Name:	EXXON SERVICE STATION #3843
Address:	2701 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706

EXXON SERVICE STATION #3843 (Continued) **1028955225**

Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	3199
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.88465
Y Coord:	33.7734600000001
Latitude:	33.77346
Longitude:	-117.884649999999

L84 **SHELL OIL STATION** **UST FINDER RELEASE** **1029105516**
SSE **2641 BRISTOL STREET, N.** **N/A**
1/4-1/2 **SANTA ANA, CA 0**
0.489 mi.
2583 ft. **Site 8 of 8 in cluster L**

Relative:
Lower

Actual:
121 ft.

UST FINDER RELEASE:

Object ID:	67794
Facility ID:	Not reported
Lust ID:	CAT0605975292
Name:	SHELL OIL STATION
Address:	2641 BRISTOL STREET, N.
City,State,Zip:	SANTA ANA, CA 0
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	2950
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported

SHELL OIL STATION (Continued) **1029105516**

WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.88466
Y Coord:	33.77277
Latitude:	33.77277
Longitude:	-117.884659999999

M85 **SHELL #2641** **UST FINDER RELEASE** **1029104912**
SSE **2641 N BRISTOL ST** **N/A**
1/4-1/2 **SANTA ANA, CA 92706**
0.495 mi.
2614 ft. **Site 1 of 4 in cluster M**

Relative: **Lower**
Actual: **121 ft.**

UST FINDER RELEASE:

Object ID:	67793
Facility ID:	Not reported
Lust ID:	CAT0605900636
Name:	SHELL #2641
Address:	2641 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	2950
Domestic Wells within 1500ft:	0
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	No
WHPA PWS Facility ID:	Not reported
WHPA Water Type:	Not reported
WHPA Facility Type:	Not reported
WHPA HUC12:	Not reported
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-117.88466
Y Coord:	33.77277

SHELL #2641 (Continued) **1029104912**

Latitude: 33.77277
Longitude: -117.884659999999

M86 **SHELL #2641** **LUST** **S101589516**
SSE **2641 N BRISTOL ST** **CA FID UST** **N/A**
1/4-1/2 **SANTA ANA, CA 92706** **Cortese**
0.495 mi. **CERS**
2614 ft. **Site 2 of 4 in cluster M**

Relative: **Lower**

Actual: **121 ft.**

LUST:

Name:	SHELL #2641
Address:	2641 N BRISTOL ST
City,State,Zip:	SANTA ANA, CA 92706
Lead Agency:	SANTA ANA, CITY OF
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605900636
Global Id:	T0605900636
Latitude:	33.772998198
Longitude:	-117.8846588
Status:	Completed - Case Closed
Status Date:	08/31/1989
Case Worker:	CC
RB Case Number:	083000808T
Local Agency:	SANTA ANA, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Historical Geocode - Exact Address Match
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	12/03/1987
Leak Reported Date:	12/04/1987
How Discovered:	Tank Tightness Test
How Discovered Description:	Not reported
Discharge Source:	Piping
Discharge Cause:	Corrosion
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	08/31/1989
CA Water Watershed Name:	Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Dwr Groundwater Subbasin Name:	Coastal Plain Of Orange County (8-001)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	61-65%
CA Enviroscreen 4 Score:	50-55%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SANTA ANA RWQCB (REGION 8)
Site History:	Not reported

LUST:

Global Id:	T0605900636
Contact Type:	Local Agency Caseworker - Primary Caseworker
Contact Name:	CHRISTOPHER CIRAULO
Organization Name:	SANTA ANA, CITY OF
Address:	1439 S. BROADWAY
City:	SANTA ANA

SHELL #2641 (Continued) **S101589516**

Email: cciraulo@santa-ana.org
Phone Number: Not reported

Global Id: T0605900636
Contact Type: Regional Board Caseworker
Contact Name: MAILE SEEGER GEE
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: maile.gee@waterboards.ca.gov
Phone Number: 9517824379

LUST:
Global Id: T0605900636
Action Type: ENFORCEMENT
Date: 08/31/1989
Action: Closure/No Further Action Letter

Global Id: T0605900636
Action Type: ENFORCEMENT
Date: 01/19/2011
Action: Closure/No Further Action Letter

Global Id: T0605900636
Action Type: Other
Date: 12/03/1987
Action: Leak Discovery

Global Id: T0605900636
Action Type: Other
Date: 12/04/1987
Action: Leak Reported

Global Id: T0605900636
Action Type: RESPONSE
Date: 06/29/1998
Action: Other Report / Document - Regulator Responded

Global Id: T0605900636
Action Type: RESPONSE
Date: 01/11/2011
Action: Request for Closure - Regulator Responded

Global Id: T0605900636
Action Type: Other
Date: 12/03/1987
Action: Leak Stopped

Global Id: T0605900636
Action Type: ENFORCEMENT
Date: 01/22/2001
Action: Staff Letter

Global Id: T0605900636
Action Type: ENFORCEMENT
Date: 11/22/2000
Action: Unauthorized Release Form

SHELL #2641 (Continued) **S101589516**

Global Id: T0605900636
Action Type: RESPONSE
Date: 09/18/1988
Action: Tank Removal Report / UST Sampling Report

LUST:
Global Id: T0605900636
Status: Open - Case Begin Date
Status Date: 12/03/1987

Global Id: T0605900636
Status: Open - Site Assessment
Status Date: 03/29/1988

Global Id: T0605900636
Status: Completed - Case Closed
Status Date: 08/31/1989

CA FID UST:
Facility ID: 30017275
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 7148355337
Mail To: Not reported
Mailing Address: P.O. BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SANTA ANA 92706
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CORTESE:
Name: SHELL #2641
Address: 2641 N BRISTOL ST
City,State,Zip: SANTA ANA, CA 92706
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0605900636
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported

SHELL #2641 (Continued) **S101589516**

Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

CERS:
Name: SHELL #2641
Address: 2641 N BRISTOL ST
City,State,Zip: SANTA ANA, CA 92706
Site ID: 684888
CERS ID: T0605900636
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: CHRISTOPHER CIRAULO - SANTA ANA, CITY OF
Entity Title: Not reported
Affiliation Address: 1439 S. BROADWAY
Affiliation City: SANTA ANA
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: MAILE SEEGER GEE - SANTA ANA RWQCB (REGION 8)
Entity Title: Not reported
Affiliation Address: 3737 MAIN STREET, SUITE 500
Affiliation City: RIVERSIDE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 9517824379,

M87 **SHELL SERVICE STATION** **LUST** **S104791768**
SSE **2641 BRISTOL** **HIST CORTESE** **N/A**
1/4-1/2 **SANTA ANA, CA 92706**
0.495 mi.
2614 ft. **Site 3 of 4 in cluster M**

Relative:
Lower

Actual:
121 ft.

LUST REG 8:
Name: SHELL #2641
Address: 2641 BRISTOL ST
City: SANTA ANA
Region: 8
County: Orange
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083000808T
Local Case Num: Not reported
Case Type: Soil only
Substance: Unleaded Gasoline
Qty Leaked: Not reported
Abate Method: Not reported

SHELL SERVICE STATION (Continued) **S104791768**

Cross Street:	MEMORY
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Test
How Stopped:	Not reported
Leak Cause:	Corrosion
Leak Source:	Piping
Global ID:	T0605900636
How Stopped Date:	12/3/1987
Enter Date:	12/21/1987
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	12/3/1987
Enforcement Date:	Not reported
Close Date:	8/31/1989
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	3/29/1988
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	12/21/1987
GW Qualifies:	=
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	33.7729982
Longitude:	-117.8846588
MTBE Date:	10/9/2003
Max MTBE GW:	230
MTBE Concentration:	0
Max MTBE Soil:	12000
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	CAB
Staff Initials:	JB
Lead Agency:	Local Agency
Local Agency:	Santa Ana, Orange County
Hydr Basin #:	COASTAL PLAIN OF ORA
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: SAFD CLOSED CASE

HIST CORTESE:

edr_fname:	SHELL SERVICE STATION
edr_fadd1:	2641 BRISTOL
City,State,Zip:	SANTA ANA, CA 92706
Region:	CORTESE
Facility County Code:	30
Reg By:	LTNKA
Reg Id:	083000808T

M88 **SHELL OIL STATION** **LUST** **S106109168**
SSE **2641 BRISTOL STREET, N.** **Cortese** **N/A**
1/4-1/2 **SANTA ANA, CA** **CERS**
0.496 mi.
2618 ft. **Site 4 of 4 in cluster M**

Relative:
Lower

Actual:
121 ft.

LUST:

Name:	SHELL OIL STATION
Address:	2641 BRISTOL STREET, N.
City,State,Zip:	SANTA ANA, CA
Lead Agency:	SANTA ANA RWQCB (REGION 8)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605975292
Global Id:	T0605975292
Latitude:	33.772764
Longitude:	-117.884327
Status:	Completed - Case Closed
Status Date:	09/30/2009
Case Worker:	MG
RB Case Number:	083003986T
Local Agency:	SANTA ANA, CITY OF
File Location:	Regional Board
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply, Soil
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Manual Entry on Screens
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	05/31/1998
Leak Reported Date:	05/31/1998
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Close and Replace Tank
Stop Description:	Not reported
No Further Action Date:	09/30/2009
CA Water Watershed Name:	Santa Ana River - Lower Santa Ana River - East Coastal Plain (801.11)
Dwr Groundwater Subbasin Name:	Coastal Plain Of Orange County (8-001)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	61-65%
CA Enviroscreen 4 Score:	50-55%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	SANTA ANA RWQCB (REGION 8)
Site History:	Not reported

LUST:

Global Id:	T0605975292
Contact Type:	Local Agency Caseworker
Contact Name:	CHRISTOPHER CIRAULO
Organization Name:	SANTA ANA, CITY OF
Address:	1439 S. BROADWAY
City:	SANTA ANA
Email:	cciraulo@santa-ana.org
Phone Number:	Not reported

Global Id:	T0605975292
Contact Type:	Regional Board Caseworker - Primary Caseworker

SHELL OIL STATION (Continued) **S106109168**

Contact Name: MAILE SEEGER GEE
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: maile.gee@waterboards.ca.gov
Phone Number: 9517824379

LUST:
Global Id: T0605975292
Action Type: RESPONSE
Date: 10/30/2008
Action: Soil and Water Investigation Workplan

Global Id: T0605975292
Action Type: ENFORCEMENT
Date: 08/03/2009
Action: Staff Letter

Global Id: T0605975292
Action Type: ENFORCEMENT
Date: 09/30/2009
Action: Closure/No Further Action Letter

Global Id: T0605975292
Action Type: Other
Date: 05/31/1998
Action: Leak Reported

Global Id: T0605975292
Action Type: ENFORCEMENT
Date: 01/28/2009
Action: Staff Letter

Global Id: T0605975292
Action Type: ENFORCEMENT
Date: 06/01/2009
Action: Notification - Fee Title Owners Notice

Global Id: T0605975292
Action Type: RESPONSE
Date: 01/19/2009
Action: Correspondence

Global Id: T0605975292
Action Type: RESPONSE
Date: 10/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: RESPONSE
Date: 01/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: RESPONSE
Date: 07/30/2006
Action: Monitoring Report - Quarterly

SHELL OIL STATION (Continued) **S106109168**

Global Id: T0605975292
Action Type: RESPONSE
Date: 10/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: REMEDIATION
Date: 12/11/2006
Action: Soil Vapor Extraction (SVE)

Global Id: T0605975292
Action Type: ENFORCEMENT
Date: 01/02/2005
Action: * No Action

Global Id: T0605975292
Action Type: Other
Date: 05/31/1998
Action: Leak Stopped

Global Id: T0605975292
Action Type: RESPONSE
Date: 01/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: RESPONSE
Date: 09/30/2009
Action: Well Destruction Report

Global Id: T0605975292
Action Type: RESPONSE
Date: 04/30/2009
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: RESPONSE
Date: 04/30/2006
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: RESPONSE
Date: 08/22/2005
Action: Soil and Water Investigation Report

Global Id: T0605975292
Action Type: Other
Date: 05/31/1998
Action: Leak Discovery

Global Id: T0605975292
Action Type: RESPONSE
Date: 04/20/2009
Action: Soil and Water Investigation Report

Global Id: T0605975292
Action Type: RESPONSE

SHELL OIL STATION (Continued) **S106109168**

Date: 07/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: RESPONSE
Date: 01/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: RESPONSE
Date: 04/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: RESPONSE
Date: 07/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: RESPONSE
Date: 10/30/2008
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: RESPONSE
Date: 04/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: RESPONSE
Date: 07/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: RESPONSE
Date: 01/30/2005
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: RESPONSE
Date: 10/30/2007
Action: Monitoring Report - Quarterly

Global Id: T0605975292
Action Type: RESPONSE
Date: 04/30/2007
Action: Monitoring Report - Quarterly

LUST:
Global Id: T0605975292
Status: Open - Case Begin Date
Status Date: 05/31/1998

Global Id: T0605975292
Status: Open - Site Assessment
Status Date: 02/26/2001

SHELL OIL STATION (Continued) **S106109168**

Global Id: T0605975292
Status: Open - Remediation
Status Date: 12/11/2006

Global Id: T0605975292
Status: Open - Verification Monitoring
Status Date: 01/11/2008

Global Id: T0605975292
Status: Completed - Case Closed
Status Date: 09/30/2009

LUST REG 8:

Name:	SHELL OIL STATION
Address:	2641 BRISTOL STREET, N.
City:	SANTA ANA
Region:	8
County:	Orange
Regional Board:	Santa Ana Region
Facility Status:	Pollution Characterization
Case Number:	083003986T
Local Case Num:	Not reported
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	MEMORY LN
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	New Tank
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0605975292
How Stopped Date:	5/31/1998
Enter Date:	Not reported
Date Confirmation of Leak Began:	2/26/2001
Date Preliminary Assessment Began:	Not reported
Discover Date:	5/31/1998
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	2/26/2001
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:	ND
Soil Qualifies:	=
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	Not reported
Latitude:	0
Longitude:	0
MTBE Date:	7/22/2004

SHELL OIL STATION (Continued) **S106109168**

Max MTBE GW:	1
MTBE Concentration:	0
Max MTBE Soil:	12000
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	CAB
Staff Initials:	JB
Lead Agency:	Local Agency
Local Agency:	Santa Ana, Orange County
Hydr Basin #:	Not reported
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported

Summary: Not reported

CORTESE:

Name:	SHELL OIL STATION
Address:	2641 BRISTOL STREET, N.
City,State,Zip:	SANTA ANA, CA
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0605975292
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	SHELL OIL STATION
Address:	2641 BRISTOL STREET, N.
City,State,Zip:	SANTA ANA, CA
Site ID:	685224
CERS ID:	T0605975292
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	CHRISTOPHER CIRAULO - SANTA ANA, CITY OF
Entity Title:	Not reported
Affiliation Address:	1439 S. BROADWAY
Affiliation City:	SANTA ANA

SHELL OIL STATION (Continued) **S106109168**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	MAILE SEEGER GEE - SANTA ANA RWQCB (REGION 8)
Entity Title:	Not reported
Affiliation Address:	3737 MAIN STREET, SUITE 500
Affiliation City:	RIVERSIDE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	9517824379,

89
NNW
1/2-1
0.627 mi.
3313 ft.

THE CITY PLACE NORTH **ENVIROSTOR** **S103967976**
3745 WEST CHAPMAN AVENUE **N/A**
ORANGE, CA 92868

Relative:
Higher

Actual:
134 ft.

ENVIROSTOR:

Name:	THE CITY PLACE NORTH
Address:	3745 WEST CHAPMAN AVENUE
City,State,Zip:	ORANGE, CA 92868
Facility ID:	30000017
Status:	Refer: 1248 Local Agency
Status Date:	12/05/2000
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	68
Senate:	34
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	33.78952
Longitude:	-117.8935
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	30000017
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	Not reported
Completed Sub Area Name:	Not reported

THE CITY PLACE NORTH (Continued) **S103967976**

Completed Document Type:	Not reported
Completed Date:	Not reported
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

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90 ESE 1/2-1 0.801 mi. 4229 ft.

LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4
2800 NORTH FARMERS DRIVE
SANTA ANA, CA 92706

ENVIROSTOR SCH **S105754254 N/A**

Relative: Higher

Actual: 137 ft.

ENVIROSTOR:

Name:	LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4
Address:	2800 NORTH FARMERS DRIVE
City,State,Zip:	SANTA ANA, CA 92706-1109
Facility ID:	30010010
Status:	Certified
Status Date:	05/23/2003
Site Code:	404204
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	9
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	68
Senate:	34
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.7663
Longitude:	-117.8781
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic
Confirmed COC:	Arsenic
Potential Description:	SOIL
Alias Name:	LORIN GRISET NEW ELEMENTARY SCHOOL #4
Alias Type:	Alternate Name
Alias Name:	LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4
Alias Type:	Alternate Name
Alias Name:	SANTA ANA UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	SANTA ANA USD-NEW H.S. #4 @ FARMERS DR
Alias Type:	Alternate Name

LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4 (Continued) **S105754254**

Alias Name: 110033608086
Alias Type: EPA (FRS #)
Alias Name: 404204
Alias Type: Project Code (Site Code)
Alias Name: 30010010
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Action Memorandum (if <$1M)
Completed Date: 09/30/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/24/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/19/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/21/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/08/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/21/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 01/02/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4 (Continued) **S105754254**

Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 09/30/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/14/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/09/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/10/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 09/16/2002
Comments: Not reported

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

SCH:

Name: LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4
Address: 2800 NORTH FARMERS DRIVE
City,State,Zip: SANTA ANA, CA 92706-1109
Facility ID: 30010010
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 9
National Priorities List: NO
Cleanup Oversight Agencies: DTSC
Lead Agency: DTSC
Lead Agency Description: * DTSC
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 404204
Assembly: 68

LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4 (Continued) **S105754254**

Senate:	34
Special Program Status:	Not reported
Status:	Certified
Status Date:	05/23/2003
Restricted Use:	NO
Funding:	School District
Latitude:	33.7663
Longitude:	-117.8781
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic
Confirmed COC:	Arsenic
Potential Description:	SOIL
Alias Name:	LORIN GRISET NEW ELEMENTARY SCHOOL #4
Alias Type:	Alternate Name
Alias Name:	LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4
Alias Type:	Alternate Name
Alias Name:	SANTA ANA UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	SANTA ANA USD-NEW H.S. #4 @ FARMERS DR
Alias Type:	Alternate Name
Alias Name:	110033608086
Alias Type:	EPA (FRS #)
Alias Name:	404204
Alias Type:	Project Code (Site Code)
Alias Name:	30010010
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Action Memorandum (if <$1M)
Completed Date:	09/30/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	06/24/2002
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	01/19/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	05/21/2003
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	02/08/2002
Comments:	Not reported

LORIN GRISET NEW ELEMENTARY SCHOOL NO. 4 (Continued) **S105754254**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/23/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 05/21/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 01/02/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 09/30/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/14/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/09/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/10/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Public Participation
Completed Date: 09/16/2002
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

91
North
1/2-1
0.968 mi.
5109 ft.

GATEWAY APARTMENTS II
2020,2034,2040 & 2100 EAST ORANGEWOOD AVENUE
ANAHEIM, CA 92806

ENVIROSTOR VCP | **S113804697 N/A**

Relative:
Higher

Actual:
144 ft.

ENVIROSTOR:

Name:	GATEWAY APARTMENTS II
Address:	2020,2034,2040 & 2100 EAST ORANGEWOOD AVENUE
City,State,Zip:	ANAHEIM, CA 92806
Facility ID:	60001900
Status:	Certified
Status Date:	09/16/2014
Site Code:	401646
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Agreement
Acres:	6.2
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	68
Senate:	34
Special Program:	Voluntary Agreement - CLRRA
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.79541
Longitude:	-117.8869
APN:	083-271-15, 083-271-21
Past Use:	NONE
Potential COC:	Polynuclear aromatic hydrocarbons (PAHs
Confirmed COC:	Polynuclear aromatic hydrocarbons (PAHs
Potential Description:	UE
Alias Name:	083-271-15
Alias Type:	APN
Alias Name:	083-271-21
Alias Type:	APN
Alias Name:	401646
Alias Type:	Project Code (Site Code)
Alias Name:	60001900
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/06/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	09/11/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

GATEWAY APARTMENTS II (Continued) **S113804697**

Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/09/2014
Comments: Closeout Site Code and Notification to Billing to send final invoice and closeout once final payment is received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 09/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 09/09/2013
Comments: Based on DTSC's comments RP submitted Workplan for Subsurface Environmental Assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/08/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 07/01/2013
Comments: CLRRA Agreement executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/05/2014
Comments: Post mitigation site visit

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/16/2014
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

GATEWAY APARTMENTS II (Continued) **S113804697**

VCP:

Name:	GATEWAY APARTMENTS II
Address:	2020,2034,2040 & 2100 EAST ORANGEWOOD AVENUE
City,State,Zip:	ANAHEIM, CA 92806
Facility ID:	60001900
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Agreement
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	6.2
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	401646
Assembly:	68
Senate:	34
Special Programs Code:	Voluntary Agreement - CLRRA
Status:	Certified
Status Date:	09/16/2014
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	33.79541 / -117.8869
APN:	083-271-15, 083-271-21
Past Use:	NONE
Potential COC:	30019
Confirmed COC:	30019
Potential Description:	UE
Alias Name:	083-271-15
Alias Type:	APN
Alias Name:	083-271-21
Alias Type:	APN
Alias Name:	401646
Alias Type:	Project Code (Site Code)
Alias Name:	60001900
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	02/06/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	09/11/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	10/09/2014
Comments:	Closeout Site Code and Notification to Billing to send final invoice

GATEWAY APARTMENTS II (Continued) **S113804697**

and closeout once final payment is received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 09/17/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 09/09/2013
Comments: Based on DTSC's comments RP submitted Workplan for Subsurface Environmental Assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/08/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: California Land Reuse and Revitalization Agreement
Completed Date: 07/01/2013
Comments: CLRRA Agreement executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 05/05/2014
Comments: Post mitigation site visit

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 09/16/2014
Comments: Not reported

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

Count: 5 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
GARDEN GROVE	S108985885	CAPITOL BANK PARCEL, GGRV CTY	GARDEN GROVE BOULEVARD		CPS-SLIC
ORANGE	S126983805	ORANGE CITY DUMP #10	S OF WALNUT NEAR SANTIAGO CREE	92705	SWF/LF
ORANGE	S126983808	ORANGE CITY DUMP #3	E SIDE OF CITY DR BTWN GRDN GR	92705	SWF/LF
SANTA ANA	S108985898	BRISTOL PLAZA CALIF CLEANERS	BRISTOL STREET		CPS-SLIC
SANTA ANA	S121700217	ALPER FINANCIAL INC	NWC BRISTOL & 17TH ST	92706	DRYCLEANERS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

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

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

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

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

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

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

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

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

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

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

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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

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

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: N/A
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

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

Date of Government Version: 12/20/2023
Date Data Arrived at EDR: 12/20/2023
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/26/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 01/29/2024
Date Data Arrived at EDR: 02/01/2024
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

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

Date of Government Version: 01/29/2024
Date Data Arrived at EDR: 02/01/2024
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 21

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/06/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

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

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

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

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

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/07/2023
Date Made Active in Reports: 10/10/2023
Number of Days to Update: 64

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

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

Date of Government Version: 10/26/2023
Date Data Arrived at EDR: 11/17/2023
Date Made Active in Reports: 02/13/2024
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

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

Date of Government Version: 10/26/2023
Date Data Arrived at EDR: 11/17/2023
Date Made Active in Reports: 02/13/2024
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

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

Date of Government Version: 12/12/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 77

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

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

Date of Government Version: 10/23/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/23/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 10/23/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/23/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

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

Date of Government Version: 11/06/2023
Date Data Arrived at EDR: 11/07/2023
Date Made Active in Reports: 02/05/2024
Number of Days to Update: 90

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/06/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

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: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

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 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: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

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

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

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

LUST REG 5: Leaking Underground Storage Tank Database

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

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

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

LUST REG 4: Underground Storage Tank Leak List

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

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

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

LUST REG 3: Leaking Underground Storage Tank Database

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

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

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

LUST REG 2: Fuel Leak List

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

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

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

LUST REG 1: Active Toxic Site Investigation

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

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

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

LUST REG 6V: Leaking Underground Storage Tank Case Listing

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

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

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

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: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

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

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 10/25/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 10/04/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

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

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/27/2024
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Lists of state and tribal registered storage tanks

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

Date of Government Version: 11/16/2023
Date Data Arrived at EDR: 11/16/2023
Date Made Active in Reports: 02/13/2024
Number of Days to Update: 89

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

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

Date of Government Version: 11/28/2023
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 02/27/2024
Number of Days to Update: 89

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

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

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 03/08/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/17/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

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

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 10/24/2023
Date Data Arrived at EDR: 01/17/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 56

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

Lists of 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: 10/23/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/23/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

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

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

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/18/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

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

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

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Considered Brownfieds Sites Listing

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

Date of Government Version: 12/13/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 03/07/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
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: 08/15/2023
Date Data Arrived at EDR: 08/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/12/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

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

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

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 11/29/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/23/2024
Number of Days to Update: 86

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/13/2023
Number of Days to Update: 83

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/20/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

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

Location of open dumps on Indian land.

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

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/26/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

ODI: Open Dump Inventory

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

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

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

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

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

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

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

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

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

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 05/06/2024
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: 11/17/2023
Date Data Arrived at EDR: 11/17/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

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

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

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

SCH: School Property Evaluation Program

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

Date of Government Version: 10/23/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/23/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

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

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 09/28/2023
Date Made Active in Reports: 12/18/2023
Number of Days to Update: 81

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 03/08/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

CERS HAZ WASTE: California Environmental Reporting System Hazardous Waste

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

Date of Government Version: 10/16/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

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

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

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

US CDL: Clandestine Drug Labs

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

Date of Government Version: 11/17/2023
Date Data Arrived at EDR: 11/17/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

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

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

HIST UST: Hazardous Substance Storage Container Database

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

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

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

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/16/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

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

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

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

Local Land Records

LIENS: Environmental Liens Listing

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

Date of Government Version: 11/21/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
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: 11/14/2023
Date Data Arrived at EDR: 12/22/2023
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

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

Date of Government Version: 11/22/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/15/2024
Number of Days to Update: 85

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

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

Date of Government Version: 12/12/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 77

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/20/2024
Next Scheduled EDR Contact: 07/01/2024
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: 06/01/2023
Date Data Arrived at EDR: 07/18/2023
Date Made Active in Reports: 10/05/2023
Number of Days to Update: 79

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/18/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Semi-Annually

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

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/27/2024
Number of Days to Update: 84

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
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: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

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

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

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 12/12/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

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

Date of Government Version: 09/28/2023
Date Data Arrived at EDR: 11/10/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 89

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/13/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/10/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

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

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

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

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

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/06/2024
Next Scheduled EDR Contact: 05/20/2024
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: 12/11/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/13/2024
Next Scheduled EDR Contact: 07/01/2024
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: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

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

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

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

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

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/14/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

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

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/15/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

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

Date of Government Version: 10/19/2023
Date Data Arrived at EDR: 10/20/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/17/2024
Next Scheduled EDR Contact: 04/29/2024
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: 12/26/2023
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 06/10/2024
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: 09/01/2023
Date Data Arrived at EDR: 09/27/2023
Date Made Active in Reports: 12/21/2023
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/12/2024
Next Scheduled EDR Contact: 04/19/2024
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

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

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

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

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 03/06/2024
Next Scheduled EDR Contact: 05/13/2024
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: 03/20/2023
Date Data Arrived at EDR: 04/04/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 66

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

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

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/16/2024
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 57

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84
Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/25/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40
Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/11/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 5

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
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: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/02/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/15/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/26/2024
Date Data Arrived at EDR: 01/02/2024
Date Made Active in Reports: 01/24/2024
Number of Days to Update: 22

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 01/02/2024
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 1

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Quarterly

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/01/2023
Date Data Arrived at EDR: 11/17/2023
Date Made Active in Reports: 02/13/2024
Number of Days to Update: 88

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 02/21/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/22/2024
Next Scheduled EDR Contact: 06/03/2024
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: 02/22/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/22/2024
Next Scheduled EDR Contact: 06/03/2024
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: 11/28/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 12

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/15/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/03/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/20/2023
Number of Days to Update: 12

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 12/17/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 02/20/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/10/2023
Date Data Arrived at EDR: 11/10/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 89

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 02/13/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 12/28/2023
Date Data Arrived at EDR: 12/28/2023
Date Made Active in Reports: 03/04/2024
Number of Days to Update: 67

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 12/28/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data
The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing
A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 11/30/2023
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 02/26/2024
Number of Days to Update: 88

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/06/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing
Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 11/30/2023
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 02/23/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan
Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHROME PLATING: Chrome Plating Facilities Listing

This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 11/30/2023
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 02/23/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/13/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 03/07/2024
Number of Days to Update: 85

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 03/31/2023
Date Data Arrived at EDR: 05/08/2023
Date Made Active in Reports: 07/31/2023
Number of Days to Update: 84

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

DRYCLEAN NO SIERRA DIST: Northern Sierra Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 05/07/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455

Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN NO SONOMA CO DIST: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 04/17/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB CO DIST: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475

Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA CO DIST: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468
Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO METO DIST: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 08/15/2023
Date Data Arrived at EDR: 08/17/2023
Date Made Active in Reports: 10/31/2023
Number of Days to Update: 75
Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/14/2023
Date Data Arrived at EDR: 11/16/2023
Date Made Active in Reports: 02/12/2024
Number of Days to Update: 88
Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 02/20/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

DRYCLEAN VENTURA CO DIST: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 01/04/2024
Date Data Arrived at EDR: 01/16/2024
Date Made Active in Reports: 02/08/2024
Number of Days to Update: 23
Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 11/21/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86
Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

DRYCLEAN NO COAST UNIFIED DIST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473
Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN LAKE CO DIST: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 04/29/2019
Date Data Arrived at EDR: 05/07/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1455
Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List

Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 02/04/2021
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 816

Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 01/26/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

DRYCLEAN CALAVERAS CO DIST: Calaveras County Environmental Management Agency Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412

Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN BAY AREA DIST: Bay Area Air Quality Management District Drycleaner Facility Listing

Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432

Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GLENN CO DIST: Glenn County Air Pollution Control District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 05/02/2023
Date Data Arrived at EDR: 05/03/2023
Date Made Active in Reports: 07/25/2023
Number of Days to Update: 83

Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER CO DIST: Placer County Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89

Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB CO DIST: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 01/03/2024
Date Data Arrived at EDR: 01/04/2024
Date Made Active in Reports: 03/20/2024
Number of Days to Update: 76

Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTEREY BAY DIST: Monterey Bay Air Quality Management District Drycleaner Facility Listing

A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 01/03/2024
Date Data Arrived at EDR: 01/05/2024
Date Made Active in Reports: 03/20/2024
Number of Days to Update: 75

Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SHASTA CO DIST: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO DIST: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 01/04/2024
Date Data Arrived at EDR: 01/05/2024
Date Made Active in Reports: 03/20/2024
Number of Days to Update: 75

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE DESERT DIST: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 78

Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDO CO DIST: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/28/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 77

Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL CO DIST: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN DIST: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 01/12/2023
Date Data Arrived at EDR: 04/26/2023
Date Made Active in Reports: 07/14/2023
Number of Days to Update: 79

Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN FEATHER RIVER DIST: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88

Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BUTTE CO DIST: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 04/25/2023
Date Data Arrived at EDR: 10/18/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 90

Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO CO DIST: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 08/08/2023
Date Data Arrived at EDR: 08/09/2023
Date Made Active in Reports: 10/26/2023
Number of Days to Update: 78

Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQ VAL DIST: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 01/04/2024
Date Data Arrived at EDR: 01/04/2024
Date Made Active in Reports: 03/21/2024
Number of Days to Update: 77

Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/31/2023
Date Data Arrived at EDR: 09/08/2023
Date Made Active in Reports: 11/27/2023
Number of Days to Update: 80

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 03/08/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Annually

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 06/09/2023
Date Made Active in Reports: 08/30/2023
Number of Days to Update: 82

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/14/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: Varies

ENF: Enforcement Action Listing
A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 10/16/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 09/13/2023
Date Data Arrived at EDR: 09/14/2023
Date Made Active in Reports: 09/21/2023
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
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: 11/08/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/20/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 02/07/2024
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 0

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/07/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 02/07/2024
Date Data Arrived at EDR: 02/07/2024
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 0

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/07/2024
Next Scheduled EDR Contact: 05/27/2024
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: 01/02/2024
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 03/21/2024
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Quarterly

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 10/26/2023
Date Data Arrived at EDR: 10/27/2023
Date Made Active in Reports: 01/29/2024
Number of Days to Update: 94

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
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: 12/31/2023
Date Data Arrived at EDR: 01/03/2024
Date Made Active in Reports: 03/21/2024
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/03/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 11/29/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/23/2024
Number of Days to Update: 86

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
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: 11/08/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/06/2023
Date Data Arrived at EDR: 11/07/2023
Date Made Active in Reports: 02/05/2024
Number of Days to Update: 90

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/06/2024
Next Scheduled EDR Contact: 05/20/2024
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: 11/22/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 11/29/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/23/2024
Number of Days to Update: 86

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

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

Date of Government Version: 12/06/2023
Date Data Arrived at EDR: 12/06/2023
Date Made Active in Reports: 02/29/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 03/08/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Annually

SANTA CRUZ CO SITE MITI: Site Mitigation Listing
Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20

Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/29/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/27/2024
Number of Days to Update: 90

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/15/2024
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: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 03/15/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 11/29/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/22/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

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

Date of Government Version: 11/22/2023
Date Data Arrived at EDR: 11/22/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/16/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/04/2023
Date Data Arrived at EDR: 12/05/2023
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 85
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database
US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79
Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Semi-Annually

UST FINDER: UST Finder Database
EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106
Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants
The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations
EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 12/26/2023
Date Made Active in Reports: 03/19/2024
Number of Days to Update: 84

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/18/2023
Date Data Arrived at EDR: 12/18/2023
Date Made Active in Reports: 03/13/2024
Number of Days to Update: 86

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/15/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/20/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 84

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 10/24/2023
Date Data Arrived at EDR: 10/25/2023
Date Made Active in Reports: 01/16/2024
Number of Days to Update: 83

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 02/05/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/26/2023
Next Scheduled EDR Contact: 04/08/2024
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 10/11/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 85

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 10/27/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 11/21/2023
Number of Days to Update: 20

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/09/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 03/08/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 01/16/2024
Date Data Arrived at EDR: 01/18/2024
Date Made Active in Reports: 03/26/2024
Number of Days to Update: 68

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/09/2023
Date Data Arrived at EDR: 10/09/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 79

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/10/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 03/29/2023
Number of Days to Update: 76

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/04/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/13/2023
Date Data Arrived at EDR: 07/13/2023
Date Made Active in Reports: 09/27/2023
Number of Days to Update: 76

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 12/01/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 12/14/2023
Number of Days to Update: 1

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 12/01/2023
Date Data Arrived at EDR: 12/13/2023
Date Made Active in Reports: 03/07/2024
Number of Days to Update: 85

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 03/19/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/11/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/09/2024
Number of Days to Update: 84

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/19/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 01/04/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/12/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 06/13/2023
Number of Days to Update: 42

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/22/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 02/20/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/15/2023
Date Data Arrived at EDR: 11/20/2023
Date Made Active in Reports: 02/15/2024
Number of Days to Update: 87

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 02/16/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/04/2021
Date Data Arrived at EDR: 10/06/2021
Date Made Active in Reports: 12/29/2021
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 03/22/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/16/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 02/16/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/31/2023
Date Data Arrived at EDR: 11/03/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 81

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/13/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/13/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 03/13/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/09/2023
Date Data Arrived at EDR: 11/09/2023
Date Made Active in Reports: 11/21/2023
Number of Days to Update: 12

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 09/29/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 12/27/2023
Number of Days to Update: 84

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/05/2023
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/04/2024
Date Data Arrived at EDR: 01/04/2024
Date Made Active in Reports: 03/21/2024
Number of Days to Update: 77

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/08/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/25/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 03/25/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 01/17/2024
Date Data Arrived at EDR: 01/18/2024
Date Made Active in Reports: 01/26/2024
Number of Days to Update: 8

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/08/2023
Date Data Arrived at EDR: 11/09/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 90

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/12/2024
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 11/27/2023
Date Data Arrived at EDR: 11/27/2023
Date Made Active in Reports: 02/16/2024
Number of Days to Update: 81

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 02/27/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/04/2023
Date Data Arrived at EDR: 04/05/2023
Date Made Active in Reports: 06/27/2023
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/01/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 83

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 10/15/2023
Date Data Arrived at EDR: 10/17/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 86

Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 01/18/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/08/2024
Next Scheduled EDR Contact: 06/24/2024
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/08/2023
Date Data Arrived at EDR: 11/09/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 90

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/07/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61
Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28
Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/07/2023
Date Data Arrived at EDR: 11/08/2023
Date Made Active in Reports: 11/16/2023
Number of Days to Update: 8
Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22
Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13
Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 02/16/2024
Next Scheduled EDR Contact: 06/03/2024
Data Release Frequency: No Update Planned

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 02/09/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 02/23/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/15/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/15/2024
Next Scheduled EDR Contact: 07/01/2024
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/04/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 08/03/2023
Date Data Arrived at EDR: 08/24/2023
Date Made Active in Reports: 09/12/2023
Number of Days to Update: 19

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 02/26/2024
Next Scheduled EDR Contact: 06/10/2024
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 12/05/2023
Date Data Arrived at EDR: 02/01/2024
Date Made Active in Reports: 02/28/2024
Number of Days to Update: 27

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/10/2023
Date Data Arrived at EDR: 10/11/2023
Date Made Active in Reports: 01/04/2024
Number of Days to Update: 85

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/29/2024
Next Scheduled EDR Contact: 05/13/2024
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/11/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2023
Date Data Arrived at EDR: 10/20/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 83

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/22/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/02/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2023
Date Data Arrived at EDR: 10/24/2023
Date Made Active in Reports: 01/11/2024
Number of Days to Update: 79

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/16/2024
Next Scheduled EDR Contact: 04/29/2024
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 11/28/2023
Date Data Arrived at EDR: 11/29/2023
Date Made Active in Reports: 02/26/2024
Number of Days to Update: 89

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 03/05/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/18/2023
Date Data Arrived at EDR: 12/26/2023
Date Made Active in Reports: 03/19/2024
Number of Days to Update: 84

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/22/2024
Next Scheduled EDR Contact: 07/08/2024
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/30/2023
Date Data Arrived at EDR: 11/03/2023
Date Made Active in Reports: 01/23/2024
Number of Days to Update: 81

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/22/2024
Next Scheduled EDR Contact: 05/06/2024
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: 11/06/2023
Date Data Arrived at EDR: 11/07/2023
Date Made Active in Reports: 01/31/2024
Number of Days to Update: 85

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/06/2024
Next Scheduled EDR Contact: 05/20/2024
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 12/27/2023
Next Scheduled EDR Contact: 04/15/2024
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/26/2024
Next Scheduled EDR Contact: 05/06/2024
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/05/2024
Next Scheduled EDR Contact: 04/22/2024
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/12/2024
Next Scheduled EDR Contact: 05/27/2024
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/01/2024
Next Scheduled EDR Contact: 06/17/2024
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.
Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

561 THE CITY DRIVE SOUTH
561 THE CITY DRIVE SOUTH
ORANGE, CA 92868

TARGET PROPERTY COORDINATES

Latitude (North):	33.780224 - 33˚ 46’ 48.81’’
Longitude (West):	117.887835 - 117˚ 53’ 16.21’’
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	417796.7
UTM Y (Meters):	3737948.5
Elevation:	127 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50006082 ANAHEIM, CA
Version Date:	2022
Northeast Map:	50005816 ORANGE, CA
Version Date:	2022

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

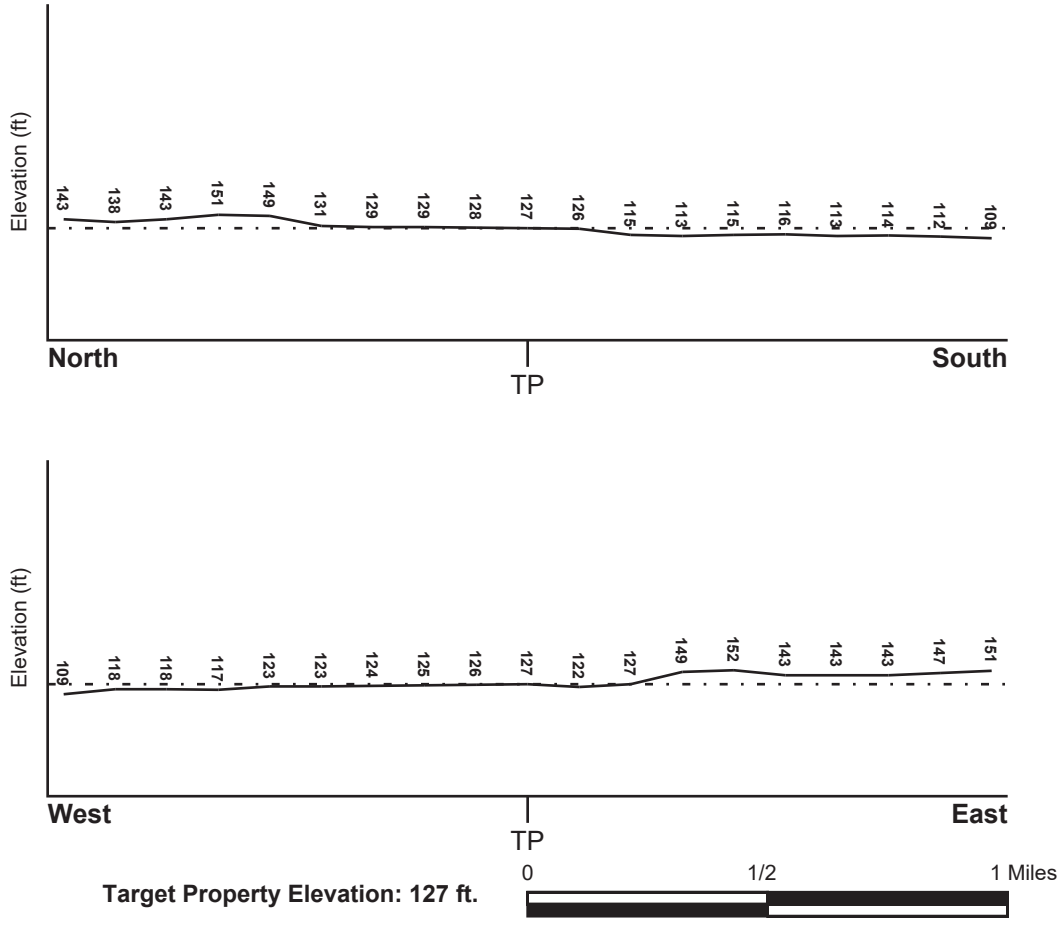
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General WSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06059C0144J	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06059C0142J	FEMA FIRM Flood data
06059C0161J	FEMA FIRM Flood data
06059C0163J	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
ANAHEIM	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	0 - 1/8 Mile WNW	NW
E24	1/2 - 1 Mile SSE	S
39	1/2 - 1 Mile NNE	Not Reported
L78	1/2 - 1 Mile NE	Not Reported
93	1/2 - 1 Mile NW	Not Reported
S144	1/2 - 1 Mile WSW	SSE

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
S145	1/2 - 1 Mile WSW	SSE
1G	1/2 - 1 Mile NW	Not Reported
2G	1/2 - 1 Mile NE	Not Reported
3G	1/2 - 1 Mile NNE	Not Reported
4G	0 - 1/8 Mile WNW	NW
5G	1/2 - 1 Mile WSW	SSE
6G	1/2 - 1 Mile WSW	SSE
7G	1/2 - 1 Mile SSE	S

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

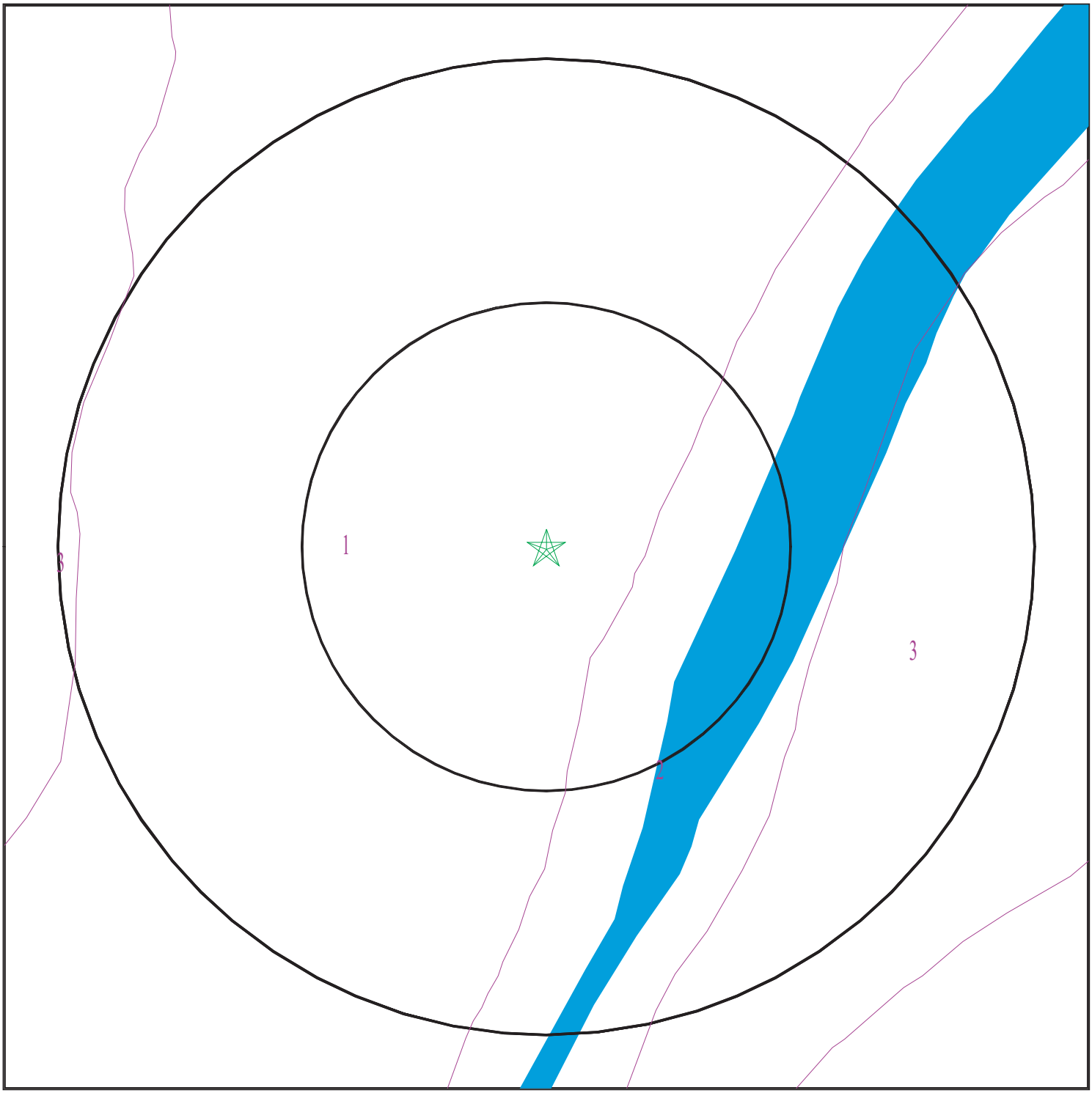
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed 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 - 7606420.2s



Target Property
SSURGO Soil
Water

SITE NAME:	561 The City Drive South	CLIENT:	Ninyo & Moore
ADDRESS:	561 The City Drive South Orange CA 92868	CONTACT:	Ken Cho
LAT/LONG:	33.780224 / 117.887835	INQUIRY #:	7606420.2s
		DATE:	March 27, 2024 10:01 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: METZ

Soil Surface Texture: loamy sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	16 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6
2	16 inches	62 inches	stratified sand to fine sandy loam	Granular materials (35 pct. or less passing No. 200), Silty, or Clayey Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 6.6

Soil Map ID: 2

Soil Component Name: RIVERWASH

Soil Surface Texture: sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class:

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 31 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	5 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: Min:
2	5 inches	59 inches	stratified coarse sand to sandy loam	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: Min:

Soil Map ID: 3

Soil Component Name: HUENEME

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:
Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	27 inches	fine sandy loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4
2	27 inches	59 inches	stratified sand to silt loam	Not reported	Not reported	Max: 42 Min: 14	Max: 8.4 Min: 7.4

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
D18	USGS40000138070	1/4 - 1/2 Mile SSW
D20	USGS40000138068	1/4 - 1/2 Mile SSW
F31	USGS40000138112	1/2 - 1 Mile West
H46	USGS40000138179	1/2 - 1 Mile NE
J65	USGS40000138019	1/2 - 1 Mile SSE
J82	USGS40000138014	1/2 - 1 Mile SSE
J85	USGS40000138017	1/2 - 1 Mile SSE
P100	USGS40000138003	1/2 - 1 Mile SSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	CAEDF0000033592	1/8 - 1/4 Mile SE
A3	CAEDF0000063246	1/8 - 1/4 Mile SE
A4	CAEDF0000061847	1/8 - 1/4 Mile SE
A5	CAEDF0000106143	1/8 - 1/4 Mile SE
A6	CAEDF0000046567	1/8 - 1/4 Mile ESE
A7	CAEDF0000134290	1/8 - 1/4 Mile SE
A8	CAEDF0000052668	1/8 - 1/4 Mile SE
A9	CAEDF0000131342	1/8 - 1/4 Mile SE
A10	CAEDF0000095923	1/8 - 1/4 Mile SE
A11	CAEDF0000134725	1/8 - 1/4 Mile SE
A12	CAEDF0000108796	1/8 - 1/4 Mile SE
A13	CAEDF0000091618	1/4 - 1/2 Mile SE
B14	5183	1/4 - 1/2 Mile NE
B15	5184	1/4 - 1/2 Mile NE
C16	CADWR0000023754	1/4 - 1/2 Mile North
C17	CADDW2000008801	1/4 - 1/2 Mile NNE
D19	CADWR0000010711	1/4 - 1/2 Mile SSW
D21	CAUSGSN00004254	1/4 - 1/2 Mile SSW
D22	CADWR9000005446	1/4 - 1/2 Mile SSW
E23	CAEDF0000090422	1/2 - 1 Mile SSE
E25	CAEDF0000075403	1/2 - 1 Mile SSE
E26	CAEDF0000044354	1/2 - 1 Mile SSE
F27	CADWR0000005130	1/2 - 1 Mile West
E28	CAEDF0000058285	1/2 - 1 Mile SSE
E29	CAEDF0000112930	1/2 - 1 Mile SSE
G30	CADWR9000005514	1/2 - 1 Mile NW
G32	CADDW2000010033	1/2 - 1 Mile NW
E33	CAEDF0000066475	1/2 - 1 Mile SSE
E34	CAEDF0000092554	1/2 - 1 Mile SSE
E35	CAEDF0000095559	1/2 - 1 Mile SSE
E36	CAEDF0000056575	1/2 - 1 Mile SSE
E37	CAEDF0000135602	1/2 - 1 Mile SSE
E38	CAEDF0000126352	1/2 - 1 Mile SSE
F40	CADWR9000005478	1/2 - 1 Mile West
41	CADWR9000005537	1/2 - 1 Mile North
42	CADWR0000036308	1/2 - 1 Mile North
H43	CAUSGSN00017588	1/2 - 1 Mile NE
44	CADDW2000016620	1/2 - 1 Mile SE
H45	CALLNL000001453	1/2 - 1 Mile NE
H47	CADDW2000023646	1/2 - 1 Mile NE
48	CADWR0000032603	1/2 - 1 Mile West
49	CADWR0000023335	1/2 - 1 Mile SSW
I50	CADDW2000014880	1/2 - 1 Mile WNW
J51	6205	1/2 - 1 Mile SSE
K52	CADWR0000002797	1/2 - 1 Mile SW
K53	CADWR9000005447	1/2 - 1 Mile SW
J54	CALLNL000000817	1/2 - 1 Mile SSE
J55	CALLNL000000639	1/2 - 1 Mile SSE
I56	5172	1/2 - 1 Mile WNW
I57	5154	1/2 - 1 Mile WNW
I58	5153	1/2 - 1 Mile WNW
I59	5182	1/2 - 1 Mile WNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I60	5180	1/2 - 1 Mile WNW
I61	5176	1/2 - 1 Mile WNW
L62	CAEDF0000063038	1/2 - 1 Mile NE
L63	CAEDF0000115102	1/2 - 1 Mile NE
L64	CAEDF0000093392	1/2 - 1 Mile NE
L66	CAEDF0000109388	1/2 - 1 Mile NE
L67	CAEDF0000091653	1/2 - 1 Mile NE
L68	CAEDF0000080033	1/2 - 1 Mile NE
J69	CAUSGS000001670	1/2 - 1 Mile SSE
J70	CAUSGSN00011765	1/2 - 1 Mile SSE
J71	CADWR0000022318	1/2 - 1 Mile SSE
J72	CADDW2000020981	1/2 - 1 Mile SSE
M73	CADDW2000020866	1/2 - 1 Mile West
L74	CAEDF0000079884	1/2 - 1 Mile NE
L75	CAEDF0000069676	1/2 - 1 Mile NE
J76	CALLNL000000301	1/2 - 1 Mile SSE
J77	CALLNL000000556	1/2 - 1 Mile SSE
J79	CADWR9000005425	1/2 - 1 Mile SSE
80	CADDW2000011057	1/2 - 1 Mile West
N81	CADWR0000023454	1/2 - 1 Mile SSW
J83	CAUSGSN00005318	1/2 - 1 Mile SSE
84	CADDW2000007625	1/2 - 1 Mile SSE
J86	CAUSGSN00002877	1/2 - 1 Mile SSE
N87	CADWR9000005422	1/2 - 1 Mile SSW
J88	CADWR0000000469	1/2 - 1 Mile SSE
L89	CAEDF0000045437	1/2 - 1 Mile NE
L90	CAEDF0000000532	1/2 - 1 Mile NE
L91	CAEDF0000069830	1/2 - 1 Mile NE
L92	CAEDF0000089747	1/2 - 1 Mile NE
O94	CADWR9000005421	1/2 - 1 Mile South
M95	5181	1/2 - 1 Mile West
O96	CADDW2000005933	1/2 - 1 Mile SSE
97	CADWR9000005493	1/2 - 1 Mile West
P98	CADDW2000007626	1/2 - 1 Mile SSW
P99	CALLNL000001193	1/2 - 1 Mile SSW
P101	CAUSGSN00016176	1/2 - 1 Mile SSW
102	CADWR9000005550	1/2 - 1 Mile NNW
Q103	CAEDF0000079706	1/2 - 1 Mile WSW
Q104	CAEDF0000092877	1/2 - 1 Mile WSW
Q105	CAEDF0000045669	1/2 - 1 Mile WSW
Q106	CAEDF0000091066	1/2 - 1 Mile WSW
Q107	CAEDF0000053084	1/2 - 1 Mile WSW
Q108	CAEDF0000049248	1/2 - 1 Mile WSW
Q109	CAEDF0000046696	1/2 - 1 Mile WSW
Q110	CAEDF0000098480	1/2 - 1 Mile WSW
Q111	CAEDF0000132573	1/2 - 1 Mile WSW
Q112	CAEDF0000080209	1/2 - 1 Mile WSW
Q113	CAEDF0000054225	1/2 - 1 Mile WSW
Q114	CAEDF0000101496	1/2 - 1 Mile WSW
Q115	CAEDF0000117716	1/2 - 1 Mile WSW
Q116	CAEDF0000108400	1/2 - 1 Mile WSW
Q117	CAEDF0000038891	1/2 - 1 Mile WSW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

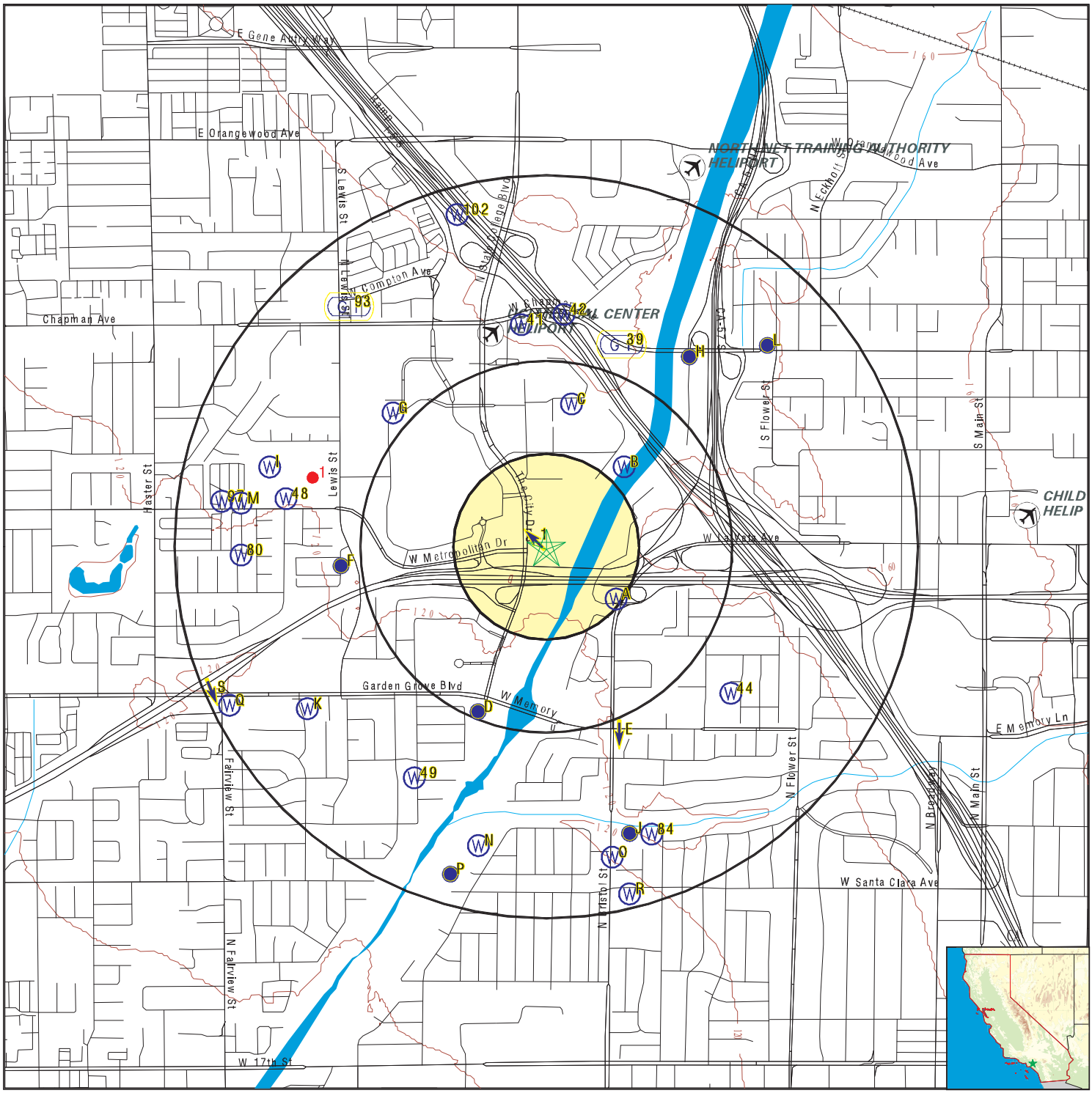
MAP ID	WELL ID	LOCATION FROM TP
Q118	CAEDF0000045939	1/2 - 1 Mile WSW
Q119	CAEDF0000095637	1/2 - 1 Mile WSW
Q120	CAEDF0000056951	1/2 - 1 Mile WSW
Q121	CAEDF0000117464	1/2 - 1 Mile WSW
Q122	CAEDF0000133783	1/2 - 1 Mile WSW
Q123	CAEDF0000121459	1/2 - 1 Mile WSW
Q124	CAEDF0000018677	1/2 - 1 Mile WSW
Q125	CAEDF0000134793	1/2 - 1 Mile WSW
Q126	CAEDF0000132461	1/2 - 1 Mile WSW
R127	6203	1/2 - 1 Mile SSE
R128	5185	1/2 - 1 Mile SSE
R129	6204	1/2 - 1 Mile SSE
R130	6209	1/2 - 1 Mile SSE
R131	6208	1/2 - 1 Mile SSE
Q132	CAEDF0000102089	1/2 - 1 Mile WSW
Q133	CAEDF0000091860	1/2 - 1 Mile WSW
Q134	CAEDF0000122087	1/2 - 1 Mile WSW
Q135	CAEDF0000003566	1/2 - 1 Mile WSW
Q136	CAEDF0000019097	1/2 - 1 Mile WSW
Q137	CAEDF0000135489	1/2 - 1 Mile WSW
Q138	CAEDF0000067604	1/2 - 1 Mile WSW
Q139	CAEDF0000048390	1/2 - 1 Mile WSW
Q140	CAEDF0000012384	1/2 - 1 Mile WSW
R141	CADDW2000021228	1/2 - 1 Mile SSE
R142	CADDW2000006186	1/2 - 1 Mile SSE
Q143	CAEDF0000124344	1/2 - 1 Mile WSW

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG17000007008	1/2 - 1 Mile WNW

PHYSICAL SETTING SOURCE MAP - 7606420.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: 561 The City Drive South	CLIENT: Ninyo & Moore
ADDRESS: 561 The City Drive South Orange CA 92868	CONTACT: Ken Cho
LAT/LONG: 33.780224 / 117.887835	INQUIRY #: 7606420.2s DATE: March 27, 2024 10:01 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

			Database	EDR ID Number
1 **WNW** **0 - 1/8 Mile** **Lower**	Site ID:	083001600T	**AQUIFLOW**	**68310**
	Groundwater Flow:	NW		
	Shallow Water Depth:	36.93		
	Deep Water Depth:	64.28		
	Average Water Depth:	Not Reported		
	Date:	06/30/1999		

A2
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000033592**

Well ID:	T0605900850-BW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	BW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900850&assigned_name=BW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900850&assigned_name=BW-7		

A3
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000063246**

Well ID:	T0605900850-BW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	BW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900850&assigned_name=BW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900850&assigned_name=BW-3		

A4
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000061847**

Well ID:	T0605900850-BW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	BW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900850&assigned_name=BW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900850&assigned_name=BW-4		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A5
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000106143**

Well ID:	T0605900850-BW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	BW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900850&assigned_name=BW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900850&assigned_name=BW-2		

A6
ESE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000046567**

Well ID:	T0605900850-BW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	BW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900850&assigned_name=BW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900850&assigned_name=BW-8		

A7
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000134290**

Well ID:	T0605900850-BW-12A	Well Type:	MONITORING
Source:	EDF	Other Name:	BW-12A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900850&assigned_name=BW-12A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900850&assigned_name=BW-12A		

A8
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000052668**

Well ID:	T0605900850-BW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	BW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900850&assigned_name=BW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900850&assigned_name=BW-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A9
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000131342**

Well ID:	T0605900850-BW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	BW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900850&assigned_name=BW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900850&assigned_name=BW-10		

A10
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000095923**

Well ID:	T0605900850-BW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	BW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900850&assigned_name=BW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900850&assigned_name=BW-6		

A11
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000134725**

Well ID:	T0605900850-BW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	BW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900850&assigned_name=BW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900850&assigned_name=BW-11		

A12
SE
1/8 - 1/4 Mile
Higher

CA WELLS **CAEDF0000108796**

Well ID:	T0605900850-BW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	BW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900850&assigned_name=BW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900850&assigned_name=BW-9		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
A13 **SE** **1/4 - 1/2 Mile** **Higher**	**CA WELLS**	**CAEDF0000091618**

Well ID:	T0605900850-BW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	BW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900850&assigned_name=BW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900850&assigned_name=BW-13		

B14 **NE** **1/4 - 1/2 Mile** **Higher**		**CA WELLS**	**5183**
Seq:	5183	Prim sta c:	04S/10W-36C02 S
Frds no:	3010027018	County:	30
District:	08	User id:	TEE
System no:	3010027	Water type:	G
Source nam:	WELL 20	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	334700.0	Longitude:	1175300.0
Precision:	5	Status:	AU
Comment 1:	SW CORNER OF ANITA DR AND CHAPMAN AVE.		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	3010027	System nam:	City Of Orange
Hqname:	Not Reported	Address:	P O BOX 449
City:	ORANGE	State:	Not Reported
Zip:	92666	Zip ext:	Not Reported
Pop serv:	116800	Connection:	30144
Area serve:	ORANGE		
Sample date:	06-MAR-18	Finding:	1.91
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-MAR-18	Finding:	1.91
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-AUG-17	Finding:	2.02
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-AUG-17	Finding:	5.37
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	15-AUG-17	Finding:	1.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-AUG-17	Finding:	0.47

Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	15-AUG-17	Finding:	7.04
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	15-AUG-17	Finding:	1.93
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	11-JAN-17	Finding:	494.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	11-JAN-17	Finding:	0.11
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	11-JAN-17	Finding:	2.38
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-JAN-17	Finding:	783.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	11-JAN-17	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	11-JAN-17	Finding:	174.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	11-JAN-17	Finding:	212.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	11-JAN-17	Finding:	2.38
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-JAN-17	Finding:	292.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	11-JAN-17	Finding:	91.6
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-JAN-17	Finding:	15.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-JAN-17	Finding:	49.2
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	11-JAN-17	Finding:	3.3
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	11-JAN-17	Finding:	67.4
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	11-JAN-17	Finding:	111.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	11-JAN-17	Finding:	0.35
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	11-JAN-17	Finding:	3.3
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	25-APR-16	Finding:	2.36
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-APR-16	Finding:	2.36
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-APR-16	Finding:	2.36
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-APR-16	Finding:	2.36
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JAN-16	Finding:	1.94
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-JAN-16	Finding:	1.93
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	25-FEB-15	Finding:	2530.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-MAR-14	Finding:	0.51
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	24-MAR-14	Finding:	0.14
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	0.2
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	24-MAR-14	Finding:	476.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	3.5
Chemical:	VANADIUM	Report units:	UG/L

Dlr:	3.		
Sample date:	24-MAR-14	Finding:	104.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	24-MAR-14	Finding:	0.38
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	24-MAR-14	Finding:	113.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	24-MAR-14	Finding:	66.3
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	3.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	799.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	2420.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-MAR-14	Finding:	287.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	90.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	15.1
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	47.3
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	3.3
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	13-MAR-14	Finding:	0.418
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	13-MAR-14	Finding:	0.11
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-MAR-14	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-MAR-14	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-MAR-14	Finding:	8.67
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	13-MAR-14	Finding:	1.22
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-MAR-14	Finding:	3.79
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	13-MAR-14	Finding:	0.491
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-MAR-14	Finding:	2.27
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	13-MAR-14	Finding:	1.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	06-MAR-13	Finding:	2130.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-MAR-13	Finding:	9.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	27-FEB-12	Finding:	2110.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-FEB-12	Finding:	9.3
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B15
NE
1/4 - 1/2 Mile
Higher

CA WELLS **5184**

Seq:	5184	Prim sta c:	04S/10W-36D03 S
Frds no:	3010027013	County:	30
District:	08	User id:	TEE
System no:	3010027	Water type:	G
Source nam:	WELL 13 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334700.0	Longitude:	1175300.0
Precision:	8	Status:	IR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3010027	System nam:	City Of Orange
Hqname:	Not Reported	Address:	P O BOX 449
City:	ORANGE	State:	Not Reported
Zip:	92666	Zip ext:	Not Reported
Pop serv:	116800	Connection:	30144
Area serve:	ORANGE		

C16
North
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR0000023754**

Well ID:	04S10W36D003S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	04S10W36D003S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=04S10W36D003S&store_num=		
GeoTracker Data:	Not Reported		

C17
NNE
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW2000008801**

GAMA:

Well ID:	CA3010027_013_013	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3010027-013
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3010027_013_013&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

D18
SSW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000138070**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W02B002S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19470225	Well Depth:	136
Well Depth Units:	ft	Well Hole Depth:	150
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1976-12-28
Feet below surface:	94.00	Feet to sea level:	Not Reported
Note:	Not Reported		

D19
SSW
1/4 - 1/2 Mile
Lower

CA WELLS **CADWR0000010711**

Well ID:	05S10W02B002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S10W02B002S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S10W02B002S&store_num=		
GeoTracker Data:	Not Reported		

D20
SSW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000138068**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W02B001S	Type:	Well
Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
D21 **SSW** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAUSGSN00004254**

Well ID:	USGS-334625117532301	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334625117532301	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334625117532301&store_num=		
GeoTracker Data:	Not Reported		

	Database	EDR ID Number
D22 **SSW** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CADWR9000005446**

State Well #:	05S10W02B002S	Station ID:	7243
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

	Database	EDR ID Number
E23 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000090422**

Well ID:	T0605900295-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900295&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900295&assigned_name=MW3		

			Database	EDR ID Number
E24 **SSE** **1/2 - 1 Mile** **Lower**	Site ID:	083000370T	**AQUIFLOW**	**38991**
	Groundwater Flow:	S		
	Shallow Water Depth:	Not Reported		
	Deep Water Depth:	Not Reported		
	Average Water Depth:	135		
	Date:	09/15/1995		

	Database	EDR ID Number
E25 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000075403**

Well ID:	T0605900295-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900295&assigned_name=MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900295&assigned_name=MW2		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E26
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000044354**

Well ID:	T0605900295-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900295&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900295&assigned_name=MW1		

F27
West
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000005130**

Well ID:	04S10W35K001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	04S10W35K001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=04S10W35K001S&store_num=		
GeoTracker Data:	Not Reported		

E28
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000058285**

Well ID:	T0605900636-WGR-1	Well Type:	MONITORING
Source:	EDF	Other Name:	WGR-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900636&assigned_name=WGR-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900636&assigned_name=WGR-1		

E29
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000112930**

Well ID:	T0605975292-WGR-1	Well Type:	MONITORING
Source:	EDF	Other Name:	WGR-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605975292&assigned_name=WGR-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605975292&assigned_name=WGR-1		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G30
NW
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000005514**

State Well #:	04S10W35B004S	Station ID:	38660
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

F31
West
1/2 - 1 Mile
Lower

FED USGS **USGS40000138112**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S010W35K001S	Type:	Well
Description:	Not Reported	HUC:	18070201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	300
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1973-01-05
Feet below surface:	103.30	Feet to sea level:	Not Reported
Note:	Not Reported		

G32
NW
1/2 - 1 Mile
Higher

CA WELLS **CADDW2000010033**

GAMA:

Well ID:	CA3010027_034_034	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3010027-034
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3010027_034_034&store_num=		
GeoTracker Data:	Not Reported		

E33
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000066475**

Well ID:	T0605975292-WGR-2	Well Type:	MONITORING
Source:	EDF	Other Name:	WGR-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605975292&assigned_name=WGR-2&store_num=		

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605975292&assigned_name=WGR-2

E34
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092554**

Well ID:	T0605900636-WGR-2	Well Type:	MONITORING
Source:	EDF	Other Name:	WGR-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900636&assigned_name=WGR-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900636&assigned_name=WGR-2		

E35
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000095559**

Well ID:	T0605900636-WGR-4	Well Type:	MONITORING
Source:	EDF	Other Name:	WGR-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900636&assigned_name=WGR-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900636&assigned_name=WGR-4		

E36
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000056575**

Well ID:	T0605975292-WGR-4	Well Type:	MONITORING
Source:	EDF	Other Name:	WGR-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605975292&assigned_name=WGR-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605975292&assigned_name=WGR-4		

E37
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000135602**

Well ID:	T0605900636-WGR-3	Well Type:	MONITORING
Source:	EDF	Other Name:	WGR-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900636&assigned_name=WGR-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900636&assigned_name=WGR-3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
E38 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000126352**

Well ID:	T0605975292-WGR-3	Well Type:	MONITORING
Source:	EDF	Other Name:	WGR-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605975292&assigned_name=WGR-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605975292&assigned_name=WGR-3		

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39 **NNE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000274T Not Reported Not Reported Not Reported 79.8 01/29/1997	**AQUIFLOW**	**54867**

	Database	EDR ID Number
F40 **West** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR9000005478**

State Well #:	04S10W35K001S	Station ID:	5248
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

	Database	EDR ID Number
41 **North** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADWR9000005537**

State Well #:	04S10W35A003S	Station ID:	5246
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

	Database	EDR ID Number
42 **North** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CADWR0000036308**

Well ID:	04S10W25N001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	04S10W25N001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=04S10W25N001S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

H43
NE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00017588**

Well ID:	USGS-334716117525301	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334716117525301	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334716117525301&store_num=		
GeoTracker Data:	Not Reported		

44
SE
1/2 - 1 Mile
Higher

CA WELLS **CADDW2000016620**

GAMA:

Well ID:	CA3010038_032_032	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3010038-032
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3010038_032_032&store_num=		
GeoTracker Data:	Not Reported		

H45
NE
1/2 - 1 Mile
Higher

CA WELLS **CALLNL000001453**

Well ID:	100768	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	04S/10W-36C02 S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Helium-3/Helium-4	Results:	.00000240028
Units:	atom ratio	Date:	06/22/2001
Chemical:	Helium-4	Results:	.000000095929
Units:	cm3STP/g	Date:	06/22/2001
Chemical:	Argon	Results:	.000465476
Units:	cm3STP/g	Date:	06/22/2001
Chemical:	Neon	Results:	.000000392369
Units:	cm3STP/g	Date:	06/22/2001
Chemical:	Tritium (Hydrogen 3)	Results:	19.8
Units:	pCi/L	Date:	08/19/2001

Chemical:	Krypton	Results:	.0000000926365
Units:	cm3STP/g	Date:	06/22/2001
Chemical:	Xenon	Results:	.0000000121538
Units:	cm3STP/g	Date:	06/22/2001

H46
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000138179**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	004S010W36C002S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19860527	Well Depth:	1150
Well Depth Units:	ft	Well Hole Depth:	1210
Well Hole Depth Units:	ft		
Ground water levels,Number of Measurements:	1	Level reading date:	1986
Feet below surface:	106	Feet to sea level:	Not Reported
Note:	Not Reported		

H47
NE
1/2 - 1 Mile
Higher

CA WELLS **CADDW2000023646**

GAMA:

Well ID:	CA3010027_018_018	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3010027-018
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3010027_018_018&store_num=		
GeoTracker Data:	Not Reported		

48
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000032603**

Well ID:	04S10W35F001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	04S10W35F001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=04S10W35F001S&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

49
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000023335**

Well ID:	05S10W02B001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S10W02B001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S10W02B001S&store_num=		
GeoTracker Data:	Not Reported		

I50
WNW
1/2 - 1 Mile
Lower

CA WELLS **CADDW2000014880**

GAMA:

Well ID:	CA3010062_028_028	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3010062-028
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3010062_028_028&store_num=		
GeoTracker Data:	Not Reported		

J51
SSE
1/2 - 1 Mile
Lower

CA WELLS **6205**

Seq:	6205	Prim sta c:	05S/10W-01E03 S
Frds no:	3010038035	County:	30
District:	08	User id:	TEE
System no:	3010038	Water type:	G
Source nam:	WELL 36	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	334610.0	Longitude:	1175300.0
Precision:	3	Status:	AU
Comment 1:	SITE IS 60’ OF BRISTOL ST & 600’ N OF SANTA CLARA AVE.		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	3010038	System nam:	City Of Santa Ana
Hqname:	Not Reported	Address:	220 S. DAISY AVE., BLDG. A
City:	SANTA ANA	State:	CA
Zip:	92703	Zip ext:	Not Reported
Pop serv:	293700	Connection:	43613
Area serve:	CITY OF SANTA ANA		
Sample date:	21-FEB-18	Finding:	0.383
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	3.3
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	21-FEB-18	Finding:	3.7e-002
Chemical:	RADIUM 226	Report units:	PCI/L
Dlr:	1.		
Sample date:	21-FEB-18	Finding:	0.115
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	0.539
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	3.62
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	21-FEB-18	Finding:	1.45
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	1.28
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	0.342
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	0.304
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JAN-18	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-OCT-17	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-17	Finding:	2.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-MAY-17	Finding:	2.13
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-MAY-17	Finding:	2.13
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-APR-17	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JAN-17	Finding:	3.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-OCT-16	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	03-AUG-16	Finding:	647.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	03-AUG-16	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	03-AUG-16	Finding:	166.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-AUG-16	Finding:	202.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	03-AUG-16	Finding:	1.97
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-16	Finding:	247.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	03-AUG-16	Finding:	76.2
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-AUG-16	Finding:	13.7
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-AUG-16	Finding:	40.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-AUG-16	Finding:	2.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	03-AUG-16	Finding:	49.3
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	03-AUG-16	Finding:	84.9
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	03-AUG-16	Finding:	0.36
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	03-AUG-16	Finding:	1.5
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	03-AUG-16	Finding:	394.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		

Sample date:	03-AUG-16	Finding:	0.11
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	03-AUG-16	Finding:	1.97
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-16	Finding:	1.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-APR-16	Finding:	2.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-16	Finding:	2.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-OCT-15	Finding:	9.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-AUG-15	Finding:	2750.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JAN-15	Finding:	8.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-14	Finding:	9.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-14	Finding:	687.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	2520.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-AUG-14	Finding:	0.16
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	436.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	0.41
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	20-AUG-14	Finding:	93.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-AUG-14	Finding:	53.6
Chemical:	CHLORIDE	Report units:	MG/L

Dlr:	0.		
Sample date:	20-AUG-14	Finding:	2.7
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	39.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	14.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	80.6
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	261.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	207.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	20-MAY-14	Finding:	1.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	18-FEB-14	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	0.322
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	18-FEB-14	Finding:	0.201
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	4.2
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	18-FEB-14	Finding:	1.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		

Sample date:	18-FEB-14	Finding:	1.41
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	4.55
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	18-FEB-14	Finding:	0.582
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	1.6
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	14-JAN-14	Finding:	8.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-AUG-13	Finding:	3800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	11-DEC-12	Finding:	2660.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAY-12	Finding:	1.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		

K52
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000002797**

Well ID:	05S10W02E001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S10W02E001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S10W02E001S&store_num=		
GeoTracker Data:	Not Reported		

K53
SW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000005447**

State Well #:	05S10W02E001S	Station ID:	40013
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J54
SSE
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000000817**

Well ID:	100640	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	05S/10W-01E03 S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		
Chemical:	Helium-4	Results:	.0000000865959
Units:	cm3STP/g	Date:	10/16/2001
Chemical:	Neon	Results:	.000000354059
Units:	cm3STP/g	Date:	10/16/2001
Chemical:	Helium-3/Helium-4	Results:	.00000195145
Units:	atom ratio	Date:	10/16/2001
Chemical:	Argon	Results:	.000425065
Units:	cm3STP/g	Date:	10/16/2001
Chemical:	Xenon	Results:	.000000011669
Units:	cm3STP/g	Date:	10/16/2001
Chemical:	Tritium (Hydrogen 3)	Results:	11.19
Units:	pCi/L	Date:	10/29/2001
Chemical:	Krypton	Results:	.0000000884914
Units:	cm3STP/g	Date:	10/16/2001

J55
SSE
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000000639**

Well ID:	101120	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	05S/10W-01E03 S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		
Chemical:	Helium-4	Results:	.000000100127
Units:	cm3STP/g	Date:	04/02/2002
Chemical:	Argon	Results:	.00046975
Units:	cm3STP/g	Date:	04/02/2002

Chemical:	Helium-3/Helium-4	Results:	.00000196361
Units:	atom ratio	Date:	04/02/2002
Chemical:	Tritium (Hydrogen 3)	Results:	13.6
Units:	pCi/L	Date:	04/15/2002

I56
WNW
1/2 - 1 Mile
Lower

CA WELLS 5172

Seq:	5172	Prim sta c:	04S/10W-34B01 S
Frds no:	3010062028	County:	30
District:	08	User id:	TEE
System no:	3010062	Water type:	G
Source nam:	WELL 060 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334700.0	Longitude:	1175400.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3010062	System nam:	City Of Garden Grove
Hqname:	GARDEN GROVE WATER DEPT	Address:	13802 NEWHOPE
City:	GARDEN GROVE	State:	CA
Zip:	92642	Zip ext:	Not Reported
Pop serv:	151807	Connection:	33251
Area serve:	GARDEN GROVE		

I57
WNW
1/2 - 1 Mile
Lower

CA WELLS 5154

Seq:	5154	Prim sta c:	04S/10W-26P01 S
Frds no:	3010027007	County:	30
District:	08	User id:	TEE
System no:	3010027	Water type:	G
Source nam:	WELL 07 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334700.0	Longitude:	1175400.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3010027	System nam:	City Of Orange
Hqname:	Not Reported	Address:	P O BOX 449
City:	ORANGE	State:	Not Reported
Zip:	92666	Zip ext:	Not Reported
Pop serv:	116800	Connection:	30144
Area serve:	ORANGE		

Map ID
Direction
Distance
Elevation

Database EDR ID Number

I58
WNW
1/2 - 1 Mile
Lower

CA WELLS 5153

Seq:	5153	Prim sta c:	04S/10W-26N01 S
Frds no:	3010027003	County:	30
District:	08	User id:	TEE
System no:	3010027	Water type:	G
Source nam:	WELL 03	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334700.0	Longitude:	1175400.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3010027	System nam:	City Of Orange
Hqname:	Not Reported	Address:	P O BOX 449
City:	ORANGE	State:	Not Reported
Zip:	92666	Zip ext:	Not Reported
Pop serv:	116800	Connection:	30144
Area serve:	ORANGE		

Sample date:	16-JAN-17	Finding:	2.35
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	16-JAN-17	Finding:	2.35
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	14-APR-16	Finding:	2.49
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	14-APR-16	Finding:	2.49
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	28-APR-15	Finding:	1000.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		

Sample date:	28-APR-15	Finding:	3140.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	28-APR-15	Finding:	204.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	28-APR-15	Finding:	249.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	28-APR-15	Finding:	0.49
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		

Sample date:	28-APR-15	Finding:	322.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-15	Finding:	97.9
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-15	Finding:	18.8
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-15	Finding:	80.5
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-15	Finding:	4.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-15	Finding:	110.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-15	Finding:	133.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	28-APR-15	Finding:	0.5
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	28-APR-15	Finding:	102.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	28-APR-15	Finding:	230.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		
Sample date:	28-APR-15	Finding:	3.4
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	28-APR-15	Finding:	618.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-15	Finding:	0.19
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	28-APR-15	Finding:	8.
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	13-OCT-14	Finding:	2690.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-SEP-14	Finding:	2710.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	13-MAY-14	Finding:	2630.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-MAR-14	Finding:	1.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	2.9e-002
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	24-MAR-14	Finding:	9.7e-002
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	0.418
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	24-MAR-14	Finding:	1.15
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	2.76
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	24-MAR-14	Finding:	0.366
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	1.92
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	24-MAR-14	Finding:	5.96
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	24-MAR-14	Finding:	3060.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	06-NOV-13	Finding:	2730.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-AUG-13	Finding:	2680.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	21-MAY-13	Finding:	2650.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-MAR-13	Finding:	2450.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-MAR-13	Finding:	956.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	12-MAR-13	Finding:	3.3
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	27-NOV-12	Finding:	2650.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	28-AUG-12	Finding:	2690.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-MAY-12	Finding:	0.48
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	30-MAY-12	Finding:	316.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-12	Finding:	97.1
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-12	Finding:	17.9
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-12	Finding:	79.3
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-12	Finding:	4.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-12	Finding:	110.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-12	Finding:	0.46
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	30-MAY-12	Finding:	2.8
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	30-MAY-12	Finding:	260.
Chemical:	BORON	Report units:	UG/L

Dlr:	100.		
Sample date:	30-MAY-12	Finding:	4.3
Chemical:	VANADIUM	Report units:	UG/L
Dlr:	3.		
Sample date:	30-MAY-12	Finding:	644.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-12	Finding:	0.32
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-12	Finding:	2700.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	30-MAY-12	Finding:	191.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-12	Finding:	191.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	30-MAY-12	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	30-MAY-12	Finding:	941.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	30-MAY-12	Finding:	134.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	27-FEB-12	Finding:	2710.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

I59
WNW
1/2 - 1 Mile
Lower

CA WELLS 5182

Seq:	5182	Prim sta c:	04S/10W-35M02 S
Frds no:	3010006001	County:	30
District:	08	User id:	TEE
System no:	3010006	Water type:	G
Source nam:	FAIRLANE TRAILER PARK	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	334700.0	Longitude:	1175400.0
Precision:	5	Status:	AU
Comment 1:	S SIDE OF LAMPSON ST; 3/4 MI. E/O HARBOR BLVD.		
Comment 2:	Not Reported	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	3010006	System nam:	Fairlane Mobile Lodge
Hqname:	Not Reported	Address:	12560 HASTER ST

City:	GARDEN GROVE	State:	Not Reported
Zip:	92640	Zip ext:	Not Reported
Pop serv:	500	Connection:	248
Area serve:	FAIRLANE TRAILER PK		

I60
WNW
1/2 - 1 Mile
Lower

CA WELLS 5180

Seq:	5180	Prim sta c:	04S/10W-34R02 S
Frds no:	3010062029	County:	30
District:	08	User id:	TEE
System no:	3010062	Water type:	G
Source nam:	WELL 064 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334700.0	Longitude:	1175400.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3010062	System nam:	City Of Garden Grove
Hqname:	GARDEN GROVE WATER DEPT	Address:	13802 NEWHOPE
City:	GARDEN GROVE	State:	CA
Zip:	92642	Zip ext:	Not Reported
Pop serv:	151807	Connection:	33251
Area serve:	GARDEN GROVE		

I61
WNW
1/2 - 1 Mile
Lower

CA WELLS 5176

Seq:	5176	Prim sta c:	04S/10W-34K01 S
Frds no:	3010062027	County:	30
District:	08	User id:	TEE
System no:	3010062	Water type:	G
Source nam:	WELL 059 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334700.0	Longitude:	1175400.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3010062	System nam:	City Of Garden Grove
Hqname:	GARDEN GROVE WATER DEPT	Address:	13802 NEWHOPE
City:	GARDEN GROVE	State:	CA
Zip:	92642	Zip ext:	Not Reported
Pop serv:	151807	Connection:	33251
Area serve:	GARDEN GROVE		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

L62
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000063038**

Well ID:	T0605901992-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605901992&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605901992&assigned_name=MW-8		

L63
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000115102**

Well ID:	T0605901992-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605901992&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605901992&assigned_name=MW-4		

L64
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000093392**

Well ID:	T0605901992-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605901992&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605901992&assigned_name=MW-3		

J65
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000138019**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W01E003S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Alluvium	Aquifer Type:	Unconfined single aquifer
Construction Date:	19870716	Well Depth:	1310
Well Depth Units:	ft	Well Hole Depth:	1510

Well Hole Depth Units: ft

Ground water levels,Number of Measurements: 2
Level reading date: 2004-05-24
Feet below surface: 151
Feet to sea level: Not Reported
Note: Not Reported

Level reading date: 1999-04-28
Feet below surface: 123
Feet to sea level: Not Reported
Note: Not Reported

L66
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000109388**

Well ID: T0605901992-MW-2
Well Type: MONITORING
Source: EDF
Other Name: MW-2
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605901992&assigned_name=MW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605901992&assigned_name=MW-2

L67
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000091653**

Well ID: T0605901992-MW-1
Well Type: MONITORING
Source: EDF
Other Name: MW-1
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605901992&assigned_name=MW-1&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605901992&assigned_name=MW-1

L68
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000080033**

Well ID: T0605901992-MW-6
Well Type: MONITORING
Source: EDF
Other Name: MW-6
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605901992&assigned_name=MW-6&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605901992&assigned_name=MW-6

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J69
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAUSGS000001670**

GAMA:

Well ID:	CLABOC-08	Well Type:	MUNICIPAL
Source:	United States Geological Survey		
Other Names:	CLABOC-08	GAMA Pfas testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGS&samp_date=&global_id=&assigned_name=CLABOC-08&store_num=		
GeoTracker Data:	Not Reported		

J70
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00011765**

Well ID:	USGS-334609117530401	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334609117530401	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334609117530401&store_num=		
GeoTracker Data:	Not Reported		

J71
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000022318**

Well ID:	05S10W01E001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S10W01E001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S10W01E001S&store_num=		
GeoTracker Data:	Not Reported		

J72
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADDW2000020981**

GAMA:

Well ID:	CA3010038_035_035	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3010038-035
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3010038_035_035&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

M73
West
1/2 - 1 Mile
Lower

CA WELLS **CADDW2000020866**

GAMA:

Well ID:	CA3000762_001_001	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3000762-001
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3000762_001_001&store_num=		
GeoTracker Data:	Not Reported		

L74
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000079884**

Well ID:	T0605901992-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605901992&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605901992&assigned_name=MW-5		

L75
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000069676**

Well ID:	T0605901992-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605901992&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605901992&assigned_name=MW-7		

J76
SSE
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000000301**

Well ID:	100655	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	05S/10W-01E02 S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Neon	Results:	.00000117042
Units:	cm3STP/g	Date:	04/18/2001

Chemical:	Argon	Results:	.000687538
Units:	cm3STP/g	Date:	04/18/2001
Chemical:	Tritium (Hydrogen 3)	Results:	18.56
Units:	pCi/L	Date:	09/18/2001
Chemical:	Xenon	Results:	.0000000143399
Units:	cm3STP/g	Date:	04/18/2001
Chemical:	Krypton	Results:	.000000125274
Units:	cm3STP/g	Date:	04/18/2001
Chemical:	Helium-4	Results:	.000000339407
Units:	cm3STP/g	Date:	04/18/2001
Chemical:	Helium-3/Helium-4	Results:	.00000163864
Units:	atom ratio	Date:	04/18/2001

J77
SSE
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000000556**

Well ID:	101114	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	05S/10W-01E02 S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		
Chemical:	Argon	Results:	.000636208
Units:	cm3STP/g	Date:	04/03/2002
Chemical:	Tritium (Hydrogen 3)	Results:	16.22
Units:	pCi/L	Date:	03/05/2002
Chemical:	Helium-3/Helium-4	Results:	.00000164365
Units:	atom ratio	Date:	04/03/2002
Chemical:	Helium-4	Results:	.000000206695
Units:	cm3STP/g	Date:	04/03/2002

L78
NE
1/2 - 1 Mile
Higher

AQUIFLOW **69401**

Site ID:	083002913T
Groundwater Flow:	Not Reported
Shallow Water Depth:	77 ft
Deep Water Depth:	84 ft
Average Water Depth:	Not Reported
Date:	10/06/1997

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J79
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000005425**

State Well #:	05S10W01E001S	Station ID:	28366
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

80
West
1/2 - 1 Mile
Lower

CA WELLS **CADDW2000011057**

GAMA:

Well ID:	CA3010006_001_001	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3010006-001
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3010006_001_001&store_num=		
GeoTracker Data:	Not Reported		

N81
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000023454**

Well ID:	05S10W02G001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S10W02G001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S10W02G001S&store_num=		
GeoTracker Data:	Not Reported		

J82
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000138014**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W01E001S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J83
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00005318**

Well ID:	USGS-334607117530101	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334607117530101	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334607117530101&store_num=		
GeoTracker Data:	Not Reported		

84
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADDW2000007625**

GAMA:

Well ID:	CA3010038_019_019	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3010038-019
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3010038_019_019&store_num=		
GeoTracker Data:	Not Reported		

J85
SSE
1/2 - 1 Mile
Lower

FED USGS **USGS40000138017**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W01E002S	Type:	Well
Description:	Not Reported	HUC:	18070203
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Quaternary Alluvium	Aquifer Type:	Unconfined single aquifer
Construction Date:	Not Reported	Well Depth:	654
Well Depth Units:	ft	Well Hole Depth:	950
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	2000-09-25
Feet below surface:	143	Feet to sea level:	Not Reported
Note:	Not Reported		

J86
SSE
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00002877**

Well ID:	USGS-334608117525601	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334608117525601	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334608117525601&store_num=
GeoTracker Data: Not Reported

N87
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000005422**

State Well #:	05S10W02G001S	Station ID:	28368
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

J88
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADWR0000000469**

Well ID:	05S10W01E002S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S10W01E002S	GAMA PFAS Testing:	Not Reported

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S10W01E002S&store_num=
GeoTracker Data: Not Reported

L89
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000045437**

Well ID:	T0605902344-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902344&assigned_name=MW-2&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902344&assigned_name=MW-2

L90
NE
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000000532**

Well ID:	T0605902344-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902344&assigned_name=MW-4&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902344&assigned_name=MW-4

Map ID
Direction
Distance
Elevation

	Database	EDR ID Number
L91 **NE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000069830**

Well ID:	T0605902344-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902344&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902344&assigned_name=MW-1		

	Database	EDR ID Number
L92 **NE** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000089747**

Well ID:	T0605902344-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605902344&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605902344&assigned_name=MW-3		

			Database	EDR ID Number
93 **NW** **1/2 - 1 Mile** **Higher**	Site ID:	083002220T	**AQUIFLOW**	**67255**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	64.64		
	Deep Water Depth:	261		
	Average Water Depth:	Not Reported		
	Date:	11/22/1996		

	Database	EDR ID Number
O94 **South** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR9000005421**

State Well #:	05S10W01E004S	Station ID:	25146
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

	Database	EDR ID Number
M95 **West** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**5181**

Seq:	5181	Prim sta c:	04S/10W-35E02 S
Frds no:	3000762001	County:	30
District:	08	User id:	TEE
System no:	3000762	Water type:	G
Source nam:	WELL 01 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE

Latitude:	334655.0	Longitude:	1175406.0
Precision:	3	Status:	DS
Comment 1:	13181 LAMPSON AVE GARDEN GROVE	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3000762	System nam:	Glenhaven Mobilelodge
Hqname:	Not Reported	Address:	Not Reported
City:	Not Reported	State:	Not Reported
Zip:	Not Reported	Zip ext:	Not Reported
Pop serv:	0	Connection:	0
Area serve:	Not Reported		

O96
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADDW2000005933**

GAMA:

Well ID:	CA3010038_061_061	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3010038-061
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3010038_061_061&store_num=		
GeoTracker Data:	Not Reported		

97
West
1/2 - 1 Mile
Lower

CA WELLS **CADWR9000005493**

State Well #:	04S10W35E002S	Station ID:	5247
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

P98
SSW
1/2 - 1 Mile
Lower

CA WELLS **CADDW2000007626**

GAMA:

Well ID:	CA3010038_025_025	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3010038-025
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3010038_025_025&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

P99
SSW
1/2 - 1 Mile
Lower

CA WELLS **CALLNL000001193**

Well ID:	100783	Well Type:	MUNICIPAL
Source:	Lawrence Livermore National Laboratory		
Other Name:	05S/10W-02K02 S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	Not Reported		
GeoTracker Data:	Not Reported		

Chemical:	Argon	Results:	.000594565
Units:	cm3STP/g	Date:	07/28/2001
Chemical:	Helium-3/Helium-4	Results:	.00000206047
Units:	atom ratio	Date:	07/28/2001
Chemical:	Neon	Results:	.000000565678
Units:	cm3STP/g	Date:	07/28/2001
Chemical:	Xenon	Results:	.0000000128073
Units:	cm3STP/g	Date:	07/28/2001
Chemical:	Helium-4	Results:	.00000013591
Units:	cm3STP/g	Date:	07/28/2001
Chemical:	Krypton	Results:	.000000101857
Units:	cm3STP/g	Date:	07/28/2001
Chemical:	Tritium (Hydrogen 3)	Results:	23.36
Units:	pCi/L	Date:	08/19/2001

P100
SSW
1/2 - 1 Mile
Lower

FED USGS **USGS40000138003**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	005S010W02K002S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	196502	Well Depth:	688
Well Depth Units:	ft	Well Hole Depth:	688
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	1	Level reading date:	1965

Feet below surface:	80	Feet to sea level:	Not Reported
Note:	Not Reported		

P101
SSW
1/2 - 1 Mile
Lower

CA WELLS **CAUSGSN00016176**

Well ID:	USGS-334603117533301	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-334603117533301	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-334603117533301&store_num=		
GeoTracker Data:	Not Reported		

102
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000005550**

State Well #:	04S10W26J002S	Station ID:	5231
Well Name:	Not Reported	Basin Name:	Coastal Plain Of Orange County
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

Q103
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000079706**

Well ID:	T0605900214-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-18		

Q104
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000092877**

Well ID:	T0605900214-MW-29	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-29
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-29&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-29		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q105
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000045669**

Well ID:	T0605900214-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-1		

Q106
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000091066**

Well ID:	T0605900214-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-10		

Q107
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000053084**

Well ID:	T0605900214-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-9		

Q108
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000049248**

Well ID:	T0605900214-MW-36	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-36
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-36&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-36		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q109
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000046696**

Well ID:	T0605900214-MW-35B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-35B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-35B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-35B		

Q110
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000098480**

Well ID:	T0605900214-MW-35A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-35A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-35A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-35A		

Q111
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000132573**

Well ID:	T0605900214-MW-25	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-25
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-25&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-25		

Q112
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000080209**

Well ID:	T0605900214-MW-31	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-31
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-31&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-31		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q113
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000054225**

Well ID:	T0605900214-VW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	VW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=VW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=VW-1		

Q114
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000101496**

Well ID:	T0605900214-VEW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	VEW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=VEW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=VEW-22		

Q115
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000117716**

Well ID:	T0605900214-RW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=RW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=RW-17		

Q116
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000108400**

Well ID:	T0605900214-MW-8A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-8A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-8A		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q117
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000038891**

Well ID:	T0605900214-RW-28A	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-28A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=RW-28A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=RW-28A		

Q118
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000045939**

Well ID:	T0605900214-RW-28	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-28
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=RW-28&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=RW-28		

Q119
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000095637**

Well ID:	T0605900214-RW-14A	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-14A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=RW-14A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=RW-14A		

Q120
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000056951**

Well ID:	T0605900214-MW-34	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-34
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-34&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-34		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q121
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000117464**

Well ID:	T0605900214-RW-24	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=RW-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=RW-24		

Q122
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000133783**

Well ID:	T0605900214-VEW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	VEW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=VEW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=VEW-21		

Q123
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000121459**

Well ID:	T0605900214-VEW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	VEW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=VEW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=VEW-20		

Q124
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000018677**

Well ID:	T0605900214-MW-33	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-33
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-33&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-33		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

Q125
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000134793**

Well ID:	T0605900214-RW-26	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=RW-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=RW-26		

Q126
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000132461**

Well ID:	T0605900214-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-8		

R127
SSE
1/2 - 1 Mile
Lower

CA WELLS **6203**

Seq:	6203	Prim sta c:	05S/10W-01E01 S
Frds no:	3010038016	County:	30
District:	08	User id:	TEE
System no:	3010038	Water type:	G
Source nam:	WELL 14	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334600.0	Longitude:	1175300.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	3010038	System nam:	City Of Santa Ana
Hqname:	Not Reported	Address:	220 S. DAISY AVE., BLDG. A
City:	SANTA ANA	State:	CA
Zip:	92703	Zip ext:	Not Reported
Pop serv:	293700	Connection:	43613
Area serve:	CITY OF SANTA ANA		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R128
SSE
1/2 - 1 Mile
Lower

CA WELLS 5185

Seq:	5185	Prim sta c:	04S/10W-36Q01 S
Frds no:	3010038032	County:	30
District:	08	User id:	TEE
System no:	3010038	Water type:	G
Source nam:	WELL 32 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	334600.0	Longitude:	1175300.0
Precision:	5	Status:	IR
Comment 1:	MORRISON PARK-45' E/O WESTWOOD & 200' S/O CORRIGAN ST. (SOUTHWEST CORN		
Comment 2:	OF PARK BELOW GROUND IN VAULT)	Comment 3:	Not Reported
Comment 4:	Not Reported	Comment 5:	Not Reported
Comment 6:	Not Reported	Comment 7:	Not Reported
System no:	3010038	System nam:	City Of Santa Ana
Hqname:	Not Reported	Address:	220 S. DAISY AVE., BLDG. A
City:	SANTA ANA	State:	CA
Zip:	92703	Zip ext:	Not Reported
Pop serv:	293700	Connection:	43613
Area serve:	CITY OF SANTA ANA		

R129
SSE
1/2 - 1 Mile
Lower

CA WELLS 6204

Seq:	6204	Prim sta c:	05S/10W-01E02 S
Frds no:	3010038019	County:	30
District:	08	User id:	TEE
System no:	3010038	Water type:	G
Source nam:	WELL 18	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334600.0	Longitude:	1175300.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3010038	System nam:	City Of Santa Ana
Hqname:	Not Reported	Address:	220 S. DAISY AVE., BLDG. A
City:	SANTA ANA	State:	CA
Zip:	92703	Zip ext:	Not Reported
Pop serv:	293700	Connection:	43613
Area serve:	CITY OF SANTA ANA		
Sample date:	13-MAR-18	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-FEB-18	Finding:	4.97
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-FEB-18	Finding:	4.97
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	21-FEB-18	Finding:	8.53
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	21-FEB-18	Finding:	2.22
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	2.e-002
Chemical:	RADIUM 226	Report units:	PCI/L
Dlr:	1.		
Sample date:	21-FEB-18	Finding:	6.6e-002
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	0.556
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	5.37
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	21-FEB-18	Finding:	1.71
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	1.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	0.342
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	0.304
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	0.4
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JAN-18	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-DEC-17	Finding:	4.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	04-DEC-17	Finding:	5.1
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	14-NOV-17	Finding:	4.29
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-NOV-17	Finding:	4.28
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	18-OCT-17	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-SEP-17	Finding:	7.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-AUG-17	Finding:	4.18
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-AUG-17	Finding:	4.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-AUG-17	Finding:	4.18
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-17	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-JUN-17	Finding:	4.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-MAY-17	Finding:	4.26
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-MAY-17	Finding:	602.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAY-17	Finding:	0.11
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAY-17	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-MAY-17	Finding:	935.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	16-MAY-17	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	16-MAY-17	Finding:	186.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAY-17	Finding:	186.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		

Sample date:	16-MAY-17	Finding:	4.26
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-MAY-17	Finding:	372.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAY-17	Finding:	114.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAY-17	Finding:	21.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAY-17	Finding:	50.3
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAY-17	Finding:	3.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAY-17	Finding:	98.9
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	16-MAY-17	Finding:	118.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	16-MAY-17	Finding:	0.36
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	16-MAY-17	Finding:	140.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	10-APR-17	Finding:	9.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-MAR-17	Finding:	4.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-FEB-17	Finding:	4.54
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-FEB-17	Finding:	7.86
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	27-FEB-17	Finding:	2.16
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-FEB-17	Finding:	5.85
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L

Dlr:	1.		
Sample date:	27-FEB-17	Finding:	2.02
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-FEB-17	Finding:	1.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-FEB-17	Finding:	0.47
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	27-FEB-17	Finding:	4.54
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-FEB-17	Finding:	8.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JAN-17	Finding:	6.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-DEC-16	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-NOV-16	Finding:	4.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-NOV-16	Finding:	4.3
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	07-NOV-16	Finding:	4.1
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	31-OCT-16	Finding:	0.7
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	31-OCT-16	Finding:	7.72
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-16	Finding:	4.4
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	31-OCT-16	Finding:	7.71
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-OCT-16	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	13-SEP-16	Finding:	4.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	09-AUG-16	Finding:	4.2
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-16	Finding:	4.08
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-16	Finding:	4.08
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-16	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JUN-16	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-MAY-16	Finding:	7.03
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-MAY-16	Finding:	7.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	24-MAY-16	Finding:	7.02
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-APR-16	Finding:	4.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-MAR-16	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-FEB-16	Finding:	4.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-16	Finding:	4.05
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-16	Finding:	4.06
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-16	Finding:	5.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-DEC-15	Finding:	4.2
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	17-NOV-15	Finding:	4.15
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-OCT-15	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-SEP-15	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-AUG-15	Finding:	21.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-AUG-15	Finding:	4780.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-AUG-15	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-JUL-15	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-JUN-15	Finding:	20.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-MAY-15	Finding:	130.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-MAY-15	Finding:	7120.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-MAY-15	Finding:	0.22
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-MAY-15	Finding:	31.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-MAY-15	Finding:	664.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-MAY-15	Finding:	0.6
Chemical:	1,1-DICHLOROETHYLENE	Report units:	UG/L
Dlr:	0.5		
Sample date:	19-MAY-15	Finding:	120.
Chemical:	BORON	Report units:	UG/L
Dlr:	100.		

Sample date:	19-MAY-15	Finding:	146.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	19-MAY-15	Finding:	1120.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	19-MAY-15	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-MAY-15	Finding:	234.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-MAY-15	Finding:	285.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-MAY-15	Finding:	0.32
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	19-MAY-15	Finding:	427.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-MAY-15	Finding:	24.9
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-MAY-15	Finding:	64.5
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-MAY-15	Finding:	3.4
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-MAY-15	Finding:	115.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-MAY-15	Finding:	134.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-MAY-15	Finding:	0.32
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	18-MAY-15	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-APR-15	Finding:	36.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	14-APR-15	Finding:	31.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	18-MAR-15	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	24-FEB-15	Finding:	3790.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-NOV-14	Finding:	3990.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-SEP-14	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-14	Finding:	28.18
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-AUG-14	Finding:	6370.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-AUG-14	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-JUL-14	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	20-MAY-14	Finding:	4180.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-APR-14	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-MAR-14	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-FEB-14	Finding:	5.01
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	18-FEB-14	Finding:	1.72
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	0.531
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	4.98
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		

Sample date:	18-FEB-14	Finding:	1.47
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	0.126
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		
Sample date:	18-FEB-14	Finding:	0.322
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	18-FEB-14	Finding:	4440.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-FEB-14	Finding:	1.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	10-DEC-13	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-NOV-13	Finding:	26.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-NOV-13	Finding:	5900.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	13-NOV-13	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-OCT-13	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	10-SEP-13	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-AUG-13	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-AUG-13	Finding:	27.8
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	21-AUG-13	Finding:	6280.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	16-JUL-13	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-MAY-13	Finding:	950.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	28-MAY-13	Finding:	139.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	28-MAY-13	Finding:	4320.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-APR-13	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	19-FEB-13	Finding:	4380.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-FEB-13	Finding:	0.21
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-FEB-13	Finding:	590.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	19-FEB-13	Finding:	135.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	19-FEB-13	Finding:	0.34
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	19-FEB-13	Finding:	122.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	19-FEB-13	Finding:	100.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	19-FEB-13	Finding:	3.
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-FEB-13	Finding:	51.5
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-FEB-13	Finding:	22.1
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		

Sample date:	19-FEB-13	Finding:	115.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	19-FEB-13	Finding:	378.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-FEB-13	Finding:	0.35
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	19-FEB-13	Finding:	206.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	19-FEB-13	Finding:	206.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	19-FEB-13	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	19-FEB-13	Finding:	973.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	15-JAN-13	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-DEC-12	Finding:	23.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-NOV-12	Finding:	30.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-NOV-12	Finding:	6890.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-NOV-12	Finding:	30.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-OCT-12	Finding:	32.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-SEP-12	Finding:	7860.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	26-SEP-12	Finding:	34.79
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	11-SEP-12	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L

Dlr:	2.		
Sample date:	17-JUL-12	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	12-JUN-12	Finding:	34.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-MAY-12	Finding:	145.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	22-MAY-12	Finding:	0.31
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	22-MAY-12	Finding:	169.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	22-MAY-12	Finding:	2.2
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	22-MAY-12	Finding:	692.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-12	Finding:	0.29
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-12	Finding:	31.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	22-MAY-12	Finding:	7140.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAY-12	Finding:	3.5
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-12	Finding:	59.9
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-12	Finding:	26.2
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-12	Finding:	145.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-12	Finding:	469.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		

Sample date:	22-MAY-12	Finding:	0.34
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	22-MAY-12	Finding:	285.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-12	Finding:	234.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	22-MAY-12	Finding:	7.8
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	22-MAY-12	Finding:	1150.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	22-MAY-12	Finding:	139.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	15-MAY-12	Finding:	25.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	17-APR-12	Finding:	29.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	15-MAR-12	Finding:	39.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	07-MAR-12	Finding:	4.1
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	16-FEB-12	Finding:	42.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-FEB-12	Finding:	40.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	16-FEB-12	Finding:	4.2
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	16-FEB-12	Finding:	9130.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-JAN-12	Finding:	37.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		

Map ID
Direction
Distance
Elevation

Database	EDR ID Number
CA WELLS	**6209**

R130
SSE
1/2 - 1 Mile
Lower

Seq:	6209	Prim sta c:	05S/10W-02K02 S
Frds no:	3010038025	County:	30
District:	08	User id:	TEE
System no:	3010038	Water type:	G
Source nam:	WELL 24	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334600.0	Longitude:	1175300.0
Precision:	8	Status:	AU
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3010038	System nam:	City Of Santa Ana
Hqname:	Not Reported	Address:	220 S. DAISY AVE., BLDG. A
City:	SANTA ANA	State:	CA
Zip:	92703	Zip ext:	Not Reported
Pop serv:	293700	Connection:	43613
Area serve:	CITY OF SANTA ANA		
Sample date:	21-FEB-18	Finding:	6.66
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-FEB-18	Finding:	0.506
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	6.67
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-FEB-18	Finding:	2.65
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	5.9e-002
Chemical:	RADIUM 226	Report units:	PCI/L
Dlr:	1.		
Sample date:	21-FEB-18	Finding:	8.6e-002
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	0.538
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	8.18
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	21-FEB-18	Finding:	1.99
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		

Sample date:	21-FEB-18	Finding:	1.28
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	0.342
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-FEB-18	Finding:	0.304
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	09-JAN-18	Finding:	9.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-NOV-17	Finding:	6.7
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-NOV-17	Finding:	6.74
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-NOV-17	Finding:	6.74
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-NOV-17	Finding:	6.69
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-OCT-17	Finding:	7.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-AUG-17	Finding:	8.91
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	08-AUG-17	Finding:	5.
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	08-AUG-17	Finding:	8.91
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JUL-17	Finding:	7.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-MAY-17	Finding:	7.47
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-MAY-17	Finding:	7.47
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	10-APR-17	Finding:	8.2
Chemical:	NITRATE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	27-FEB-17	Finding:	7.59
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	27-FEB-17	Finding:	4.1
Chemical:	PERCHLORATE	Report units:	UG/L
Dlr:	4.		
Sample date:	27-FEB-17	Finding:	7.58
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-JAN-17	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-16	Finding:	3.02
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	31-OCT-16	Finding:	3.02
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-OCT-16	Finding:	7.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-16	Finding:	7.01
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-16	Finding:	7.02
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-16	Finding:	6.96
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	03-AUG-16	Finding:	6.96
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-JUL-16	Finding:	5.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-JUL-16	Finding:	598.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	0.15
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	7.05
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	07-JUL-16	Finding:	995.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	216.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	263.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	7.05
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	07-JUL-16	Finding:	385.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	119.
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	21.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	52.6
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	3.1
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	99.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	07-JUL-16	Finding:	123.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	07-JUL-16	Finding:	0.33
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	07-JUL-16	Finding:	151.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	07-JUL-16	Finding:	1.4
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	24-MAY-16	Finding:	2.83
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

Dlr:	0.4		
Sample date:	24-MAY-16	Finding:	2.83
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-APR-16	Finding:	7.
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-16	Finding:	3.31
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-16	Finding:	3.31
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-JAN-16	Finding:	2.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	17-NOV-15	Finding:	2.9
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	12-AUG-15	Finding:	3740.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-MAY-15	Finding:	2980.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	18-MAR-15	Finding:	28.6
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	18-MAR-15	Finding:	6460.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-JAN-15	Finding:	27.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	13-NOV-14	Finding:	2840.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-AUG-14	Finding:	128.
Chemical:	SULFATE	Report units:	MG/L
Dlr:	0.5		
Sample date:	20-AUG-14	Finding:	0.418
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dlr:	0.
Sample date:	20-AUG-14	Finding:	0.158
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dlr:	0.		

Sample date:	20-AUG-14	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	0.3
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	1.11
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	1.43
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	3.44
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dlr:	1.		
Sample date:	20-AUG-14	Finding:	806.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	7.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	172.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	172.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	0.41
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dlr:	0.3		
Sample date:	20-AUG-14	Finding:	318.
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	98.3
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	17.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	41.5
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	2.6
Chemical:	POTASSIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	79.7
Chemical:	CHLORIDE	Report units:	MG/L

Dlr:	0.		
Sample date:	20-AUG-14	Finding:	0.38
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	20-AUG-14	Finding:	130.
Chemical:	BARIUM	Report units:	UG/L
Dlr:	100.		
Sample date:	20-AUG-14	Finding:	522.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	0.19
Chemical:	BROMIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	2860.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-AUG-14	Finding:	3.52
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		
Sample date:	20-AUG-14	Finding:	1.64
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-AUG-14	Finding:	0.464
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	20-MAY-14	Finding:	4250.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	20-MAY-14	Finding:	1.1
Chemical:	CHROMIUM, HEXAVALENT	Report units:	UG/L
Dlr:	1.		
Sample date:	11-MAR-14	Finding:	3730.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	14-JAN-14	Finding:	28.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-NOV-13	Finding:	29.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	26-NOV-13	Finding:	6570.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-AUG-13	Finding:	3830.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

Sample date:	28-MAY-13	Finding:	37.74
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dlr:	2.		
Sample date:	28-MAY-13	Finding:	8530.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	19-FEB-13	Finding:	3650.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	15-NOV-12	Finding:	3320.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	21-AUG-12	Finding:	3190.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	22-MAY-12	Finding:	3270.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		
Sample date:	16-FEB-12	Finding:	3080.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dlr:	0.4		

R131
SSE
1/2 - 1 Mile
Lower

CA WELLS 6208

Seq:	6208	Prim sta c:	05S/10W-02G01 S
Frds no:	3010038024	County:	30
District:	08	User id:	TEE
System no:	3010038	Water type:	G
Source nam:	WELL 23 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	334600.0	Longitude:	1175300.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	3010038	System nam:	City Of Santa Ana
Hqname:	Not Reported	Address:	220 S. DAISY AVE., BLDG. A
City:	SANTA ANA	State:	CA
Zip:	92703	Zip ext:	Not Reported
Pop serv:	293700	Connection:	43613
Area serve:	CITY OF SANTA ANA		

Q132
WSW
1/2 - 1 Mile
Lower

CA WELLS CAEDF0000102089

Well ID:	T0605900214-RW-27	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-27
GAMA PFAS Testing:	Not Reported		

Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=RW-27&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=RW-27

Q133
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000091860**

Well ID: T0605900214-RW-14 Well Type: MONITORING
Source: EDF Other Name: RW-14
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=RW-14&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=RW-14

Q134
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000122087**

Well ID: T0605900214-MW-37A Well Type: MONITORING
Source: EDF Other Name: MW-37A
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-37A&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-37A

Q135
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000003566**

Well ID: T0605900214-MW-37B Well Type: MONITORING
Source: EDF Other Name: MW-37B
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-37B&store_num=
GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-37B

Q136
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000019097**

Well ID: T0605900214-MW-32 Well Type: MONITORING
Source: EDF Other Name: MW-32
GAMA PFAS Testing: Not Reported
Groundwater Quality Data: https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-32&store_num=

GeoTracker Data: https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-32

Q137
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000135489**

Well ID:	T0605900214-MW-30	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-30
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-30&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-30		

Q138
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000067604**

Well ID:	T0605900214-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-5		

Q139
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000048390**

Well ID:	T0605900214-MW-38	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-38
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-38&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-38		

Q140
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000012384**

Well ID:	T0605900214-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-19		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

R141
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADDW2000021228**

GAMA:

Well ID:	CA3010038_016_016	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3010038-016
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3010038_016_016&store_num=		
GeoTracker Data:	Not Reported		

R142
SSE
1/2 - 1 Mile
Lower

CA WELLS **CADDW2000006186**

GAMA:

Well ID:	CA3010038_024_024	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	3010038-024
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA3010038_024_024&store_num=		
GeoTracker Data:	Not Reported		

Q143
WSW
1/2 - 1 Mile
Lower

CA WELLS **CAEDF0000124344**

Well ID:	T0605900214-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0605900214&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0605900214&assigned_name=MW-6		

S144
WSW
1/2 - 1 Mile
Lower

Site ID:	083000276T
Groundwater Flow:	SSE
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	26.13
Date:	12/29/1998

AQUIFLOW **54948**

S145
WSW
1/2 - 1 Mile
Lower

Site ID:	083000276T
Groundwater Flow:	SSE
Shallow Water Depth:	Not Reported
Deep Water Depth:	Not Reported
Average Water Depth:	26.13
Date:	12/29/1998

AQUIFLOW **54947**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1G **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002220T Not Reported 64.64 261 Not Reported 11/22/1996	**AQUIFLOW**	**67255**
2G **NE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083002913T Not Reported 77 ft 84 ft Not Reported 10/06/1997	**AQUIFLOW**	**69401**
3G **NNE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000274T Not Reported Not Reported Not Reported 79.8 01/29/1997	**AQUIFLOW**	**54867**
4G **WNW** **0 - 1/8 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083001600T NW 36.93 64.28 Not Reported 06/30/1999	**AQUIFLOW**	**68310**
5G **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000276T SSE Not Reported Not Reported 26.13 12/29/1998	**AQUIFLOW**	**54948**
6G **WSW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000276T SSE Not Reported Not Reported 26.13 12/29/1998	**AQUIFLOW**	**54947**
7G **SSE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	083000370T S Not Reported Not Reported 135 09/15/1995	**AQUIFLOW**	**38991**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1
WNW
1/2 - 1 Mile

OIL_GAS **CAOG17000007008**

OIL_GAS:

API #:	0405901240	Well #:	1
Well Type:	Dry Hole	Well Status:	Plugged
Lease Name:	Crawford	Well Design:	Crawford 1
Operator ID:	C5640	Operator Name:	Chevron U.S.A. Inc.
Field Name:	Any Field	Area Name:	Any Area
Place:	Garden Grove	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		
Well Record Request URL:	https://filerequest.conservation.ca.gov/WellRecord?api=05901240		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92868	4	0

Federal EPA Radon Zone for ORANGE County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for 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, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

Geothermal Wells Listing
Department of Conservation
Telephone: 916-445-9686
Geothermal well means a well constructed to extract or return water to the ground after it has been used for heating or cooling purposes. Geothermal wells in California (except for wells on federal leases which are administered by the Bureau of Land Management) are permitted, drilled, operated, and permanently sealed and closed (plugged and abandoned) under requirements and procedures administered by the Geothermal Section of the Department of Conservations Geologic Energy Management Division (CalGEM, formerly DOGGR).

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX D

Regulatory Documentation

Kenneth Cho

From: Kenneth Cho
Sent: Monday, April 22, 2024 11:25 AM
To: Benjamin White
Subject: Fwd: Public Records Request

From: Egli, Ryan@CalRecycle <Ryan.Egli@calrecycle.ca.gov>
Sent: Friday, April 19, 2024 11:48:08 AM
To: Kenneth Cho <kcho@ninyoandmoore.com>
Subject: RE: Public Records Request

Hello,

The Department doesn't have records responsive to your request.

Thanks,

Ryan Egli
Legal Affairs Office
(916) 341-6072
Ryan.Egli@calrecycle.ca.gov

From: Kenneth Cho <kcho@ninyoandmoore.com>
Sent: Wednesday, March 27, 2024 1:08 PM
To: Public Records Requests <PubRecReq@CalRecycle.ca.gov>
Subject: Public Records Request

Caution: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello Calrecycle,

I am requesting public records related to environmental health/hazards for subject property with the following addresses located in Orange, California, 92868:

- 561 The City Drive South
- 591 The City Drive South
- 595 The City Drive South
- 591 Manchester

Thank you,

Kenneth Cho
Staff Engineer
Ninyo & Moore | Geotechnical & Environmental Sciences Consultants
475 Goddard, Suite 200 | Irvine, CA 92618
949.753.7070 (**x12254**) | 213.234.8942 (Cell)

35+ Years of Quality Service | ninyoandmoore.com

City of Orange

Request for Public Records

City Clerk Department, 300 E Chapman Avenue Orange, CA 92866-1508 (714) 744-5500

The California Public Records Act (GC §6250-6261) provides the City with ten (10) days to determine if records are accessible and available within the City's records system and notify the citizen of such determination.

A FEE MAY BE CHARGED FOR COPIES OF ANY TYPE

The City's standard copying fee is $0.15 per page. Additional charges may apply.

Requestor Information:

Name: KENNETH CHO

Address: 475 GODDARD # 200

City: IRVINE State CA Zip: 92618

E-mail Address: KCHO@NINYOANDMOORE.COM

Telephone Number: 213-234-8942

DESCRIBE THE SPECIFIC PUBLIC RECORDS REQUESTED (please be as focused and specific as possible; include dates, type of record, time period, etc.):

HELLO CITY OF ORANGE,

I AM REQUESTING PUBLIC RECORDS RELATED TO ENVIRONMENTAL HEALTH/HAZARDS FOR SUBJECT PROPERTY WITH THE FOLLOWING ADDRESSES LOCATED IN ORANGE, CALIFORNIA, 92868:

- 561 THE CITY DRIVE SOUTH
- 591 THE CITY DRIVE SOUTH
- 595 THE CITY DRIVE SOUTH
- 591 MANCHESTER

ADDITIONALLY, I WOULD LIKE TO REQUEST ANY EXISTING BUILDING RECORDS FOR THOSE PROPERTIES AS WELL.

THANK YOU,
KEN

FOR OFFICE USE ONLY ***Response Date:*** _____

eSigned via SeamlessDocs.com
Kenneth Cho
Key: a61ee99b8805fafb4347a54b29e2b289

03-27-2024

Request Visibility: Unpublished

Request 24-3046 Open

Dates

Received

May 28, 2024 via web

Requester

Kenneth Cho

kenncho@sas.upenn.edu

475 Goddard # 200, Irvine, CA, 92618

2132348942

Ninyo and Moore

Invoices

No invoices due

Staff assigned

Departments

OC Public Works

Point of contact

Wendy Brown

Request

Hello Orange County Public Works,

I am requesting public building permits/records for subject property with the following addresses located in Orange, California, 92868:

- 561 The City Drive South
- 591 The City Drive South
- 595 The City Drive South
- 591 Manchester

Thank you,

Ken

Timeline | Documents

Message to requester

Requester + Staff

The County is processing your request and will provide you with the status of your PRA request within 10 calendar days. If the 10th day is a weekend or holiday, the reply will be the next business day. A list of County Custodian of Records and Frequently Asked Questions can be found here.

May 28, 2024, 2:37pm

Department assignment

Public

OC Public Works

May 28, 2024, 2:37pm by the requester

Request opened Public

Request received via web

May 28, 2024, 2:37pm by the requester

Yana Garcia
Secretary for
Environmental Protection

Department of Toxic Substances Control

Meredith Williams, Acting Director
5796 Corporate Avenue
Cypress, California 90630

Gavin Newsom
Governor

March 29, 2024

Kenneth Cho
Ninyo & Moore
kcho@ninyoandmoore.com

PR4-032924-04

Dear Requestor:

On March 29, 2024, the Department of Toxic Substances Control (DTSC) received your email of March 27, 2024, requesting records under the Public Records Act. After a thorough review of our files, *no site records* were found pertaining to the sites/facilities referenced below.

561, 591 & 595 The City Drive South & 591 Manchester

A large number of our records are available on EnviroStor, an online database that provides non-confidential, public access to DTSCs data management system. It tracks our cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities and sites with known or suspected contamination issues. EnviroStor is available 24/7, 365 days a year. The data reflects the latest updates as they are entered in the system. Access it from your computer or smartphone, the local library – anywhere Internet access is available. Just go to www.envirostor.dtsc.ca.gov. You'll find a step-by-step tour of EnviroStor under the "How to Use EnviroStor" menu on the website.

If you have any questions, would like further information regarding your request, please contact me, via email at jone.barrio@dtsc.ca.gov

Sincerely,

Jone Barrio

Jone Barrio - Regional Records Coordinator
Dept. of Toxic Substances Control
5796 Corporate Ave
Cypress, CA 90630

Printed on Recycled Paper

Kenneth Cho

From: OC San Public Portal <ocsan@mycusthelp.com>
Sent: Monday, April 1, 2024 9:53 AM
To: Kenneth Cho
Subject: Public Records Request :: P003337-032724

--- Please respond above this line ---

Dear Kenneth,

The Orange County Sanitation District (OC San) has completed its review of your March 27, 2024 Public Records Request.

Request Description:

“Hello OC San,

I am requesting public records related to environmental health/hazards for subject property with the following addresses located in Orange, California, 92868:

• 561 The City Drive South
• 591 The City Drive South
• 595 The City Drive South
• 591 Manchester

Thank you,
Ken”

Request Determination: No Responsive Records

OC San has reviewed its files and has determined we have no records responsive to your request.

Please feel free to contact me if I can be of further assistance.

Sincerely,
Orange County Sanitation District
Tina Knapp, MMC
Assistant Clerk of the Board
(714) 593-7190 / www.ocsan.gov

To monitor the progress or update this request please log into the OC San Public Portal



Kenneth Cho

From: Brian Robles <brobles@cityoforange.org>
Sent: Thursday, April 4, 2024 7:54 AM
To: Kenneth Cho
Subject: Public Records Request - 2264
Attachments: sharpmfp_20240404_074113.pdf

NINYO AND MOORE
Warning: Sender brobles@cityoforange.org has never sent any emails to your organization.
Please be careful before replying or clicking/downloading the attachment.
Report Phishing This is Safe
powered by Graphus®

Hello Kenneth,

Please see the attached document containing the incident that happened at 591 S The City Dr that you have requested. 591 and 595 are the only records we have on file for what you are requesting.

The screenshot below shows us also what we have on record for the following chemical inventory:

595 The City Dr S:

AT&T Mobility USID 100857 - MLI#7814:

Manage Chemicals

Current Inventory | Chemical Search

Current Inventory

Add	Chemical	Billable	Main Category	Billing Catego
✖	Lead Acid Batteries	No		

Create Filter

Thank you,

BRIAN ROBLES

Administrative Assistant • Fire Prevention

p (714) 288-2530 | **f** (714) 464-4459

ORANGE CITY FIRE DEPARTMENT

1176 E. Chapman Avenue • Orange, CA 92866

family • pride • tradition

E-mail correspondence, along with any attachments, may be subject to the California Public Records Act; and as such may be subject to public disclosure unless otherwise exempt under the Act.

Request Visibility: Unpublished

Request 24-1874 Closed

1 of 10

Dates

Received

March 27, 2024 via web

Requester

Kenneth Cho

kenncho@sas.upenn.edu

475 Goddard # 200, Irvine, CA, 92618

2132348942

Ninyo and Moore

Invoices

No invoices due

Staff assigned

Departments

Environmental Health

Point of contact

Suzanne Ambriz

Request

561 The City Drive South, Orange- NRF**SA**

591 The City Drive South, Orange- NRF

595 The City Drive South, Orange- PR0120511

591 Manchester, Orange- NRF

Hello OCHCA,

I am requesting public records related to environmental health/hazards for subject property with the following addresses located in Orange, California, 92868:

- 561 The City Drive South
- 591 The City Drive South
- 595 The City Drive South
- 591 Manchester

Thank you,

Ken

Timeline | Documents

Request closed Public

No responsive records. Response has been made in accordance with the California Public Records Act.

April 5, 2024, 10:10am by Staff

Message to requester Requester + Staff

We are unable to locate some or all of the records requested. If you have any questions please contact this office at (714) 433-6015.

Please note that the cities of Anaheim, Fullerton, and Orange monitor the underground storage tanks (UST) in those cities.

This Agency may not be the only source of records. You may wish to check with the OCPW (OC Public Works), Fire Department, Water Quality Control Board, and/or the State Department of Health Services for records.

The local Building Department may have the records you are seeking

If you have any questions please call us at (714) 433-6015.

April 5, 2024, 10:10am by Staff

Message to requester

Requester + Staff

The County is processing your request and will provide you with the status of your PRA request within 10 calendar days. If the 10th day is a weekend or holiday, the reply will be the next business day. A list of County Custodian of Records and Frequently Asked Questions can be found here.

March 27, 2024, 12:56pm

Department assignment

Public

Environmental Health

March 27, 2024, 12:56pm by the requester

Request opened

Public

Request received via web

March 27, 2024, 12:56pm by the requester

Kenneth Cho

From: Kenneth Cho
Sent: Tuesday, April 16, 2024 8:49 AM
To: WB-RB8-FileReview8
Subject: RE: Public Records Request

Hello Waterboard Records coordinator,

Would it be possible for us to pay for digital scans of the hard records? The review office is a lengthy drive from our office. Thank you!

Ken

From: WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
Sent: Friday, April 12, 2024 10:25 AM
To: Kenneth Cho <kcho@ninyoandmoore.com>
Subject: RE: Public Records Request

Good morning,

Hardcopy records are available for review for:
591 The City Drive South, Orange, CA, 92868

Our file review hours are Tuesday through Friday 9:00 AM - 4:00 PM. Please contact us through this inbox with your preferred date and time if you would like to schedule an appointment to review files. Your appointment is confirmed once you have received an email from this inbox stating the date and time of your appointment. If, within 2 weeks, we do not receive a response to schedule an appointment, this file review request will be considered closed.

Thank you,
File Review Desk
3737 Main St. Suite 500
Riverside, CA 92501

From: WB-RB8-FileReview8 <FileReview8@waterboards.ca.gov>
Sent: Wednesday, April 3, 2024 4:51 PM
To: Kenneth Cho <kcho@ninyoandmoore.com>
Subject: RE: Public Records Request

Good afternoon,

After careful review of our records, we show we have no files for the following sites:
591 Manchester, Orange, CA, 92868
595 The City Drive South, Orange, CA, 92868

We do show that we have Storm Water information for the following site:
561 The City Drive South, Orange, CA, 92868
These records may be accessed online by:
• Clicking this link
https://smarts.waterboards.ca.gov/smarts/PublicDataAccess/PublicNoiSearch.xhtml

• Enter street number into ”Facility/Site Street:” Field
• Enter the site city (e.g. “Irvine”) into “Facility/Site City:” Field
• Click on black underlined links to view attachments

Responsive electronic records for **591 The City Drive South, Orange, CA, 92868** can be found on GeoTracker using this link.

Additionally, we are researching your request with our State Records Center located in Sacramento to see if they have available hardcopy records for **591 The City Drive South, Orange, CA, 92868**. We will get back to you within the next 10 days to update you on the request.

Thank you,
File Review Desk
3737 Main St. Suite 500
Riverside, CA 92501

From: Kenneth Cho <kcho@ninyoandmoore.com>
Sent: Wednesday, March 27, 2024 12:56 PM
To: WB-RB8-region8info <region8info@waterboards.ca.gov>
Subject: Public Records Request

EXTERNAL:

Hello Regional Records Coordinator,

I am requesting public records related to environmental health/hazards for subject property with the following addresses located in Orange, California, 92868:

- 561 The City Drive South
- 591 The City Drive South
- 595 The City Drive South
- 591 Manchester

Thank you,

Kenneth Cho
Staff Engineer
Ninyo & Moore | Geotechnical & Environmental Sciences Consultants
475 Goddard, Suite 200 | Irvine, CA 92618
949.753.7070 (**x12254**) | 213.234.8942 (Cell)
35+ Years of Quality Service | ninyoandmoore.com

APPENDIX E

Historical Research Documentation

561 The City Drive South

561 The City Drive South

Orange, CA 92868

Inquiry Number: 7606420.8

March 26, 2024

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

03/26/24

Site Name:

561 The City Drive South
561 The City Drive South
Orange, CA 92868
EDR Inquiry # 7606420.8

Client Name:

Ninyo & Moore
475 Goddard
Irvine, CA 92618
Contact: Ken Cho

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

Search Results:

Year	*Scale*	*Details*	*Source*
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
1995	1"=500'	Acquisition Date: October 03, 1995	USGS/DOQQ
1990	1"=500'	Flight Date: September 06, 1990	USDA
1989	1"=500'	Flight Date: August 03, 1989	USDA
1987	1"=500'	Flight Date: March 29, 1987	USDA
1977	1"=500'	Flight Date: January 18, 1977	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: October 30, 1972	USGS
1966	1"=500'	Flight Date: April 16, 1966	USGS
1963	1"=500'	Flight Date: February 28, 1963	USGS
1953	1"=500'	Flight Date: May 30, 1953	USDA
1947	1"=500'	Flight Date: June 17, 1947	FAIR
1938	1"=500'	Flight Date: June 21, 1938	USDA

When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.

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INQUIRY #: 7606420.8
YEAR: 2020
= 500'
N
EDR


INQUIRY #: 7606420.8
YEAR: 2016
= 500'
N
EDR


INQUIRY #: 7606420.8
YEAR: 2012
= 500'
N
EDR


INQUIRY #: 7606420.8
YEAR: 2009
= 500'
N
EDR


INQUIRY #: 7606420.8
YEAR: 2005
= 500'
N
EDR


INQUIRY #: 7606420.8
YEAR: 1995
= 500'
N
EDR


INQUIRY #: 7606420.8
YEAR: 1990
= 500'
N
EDR



INQUIRY #: 7606420.8

YEAR: 1989

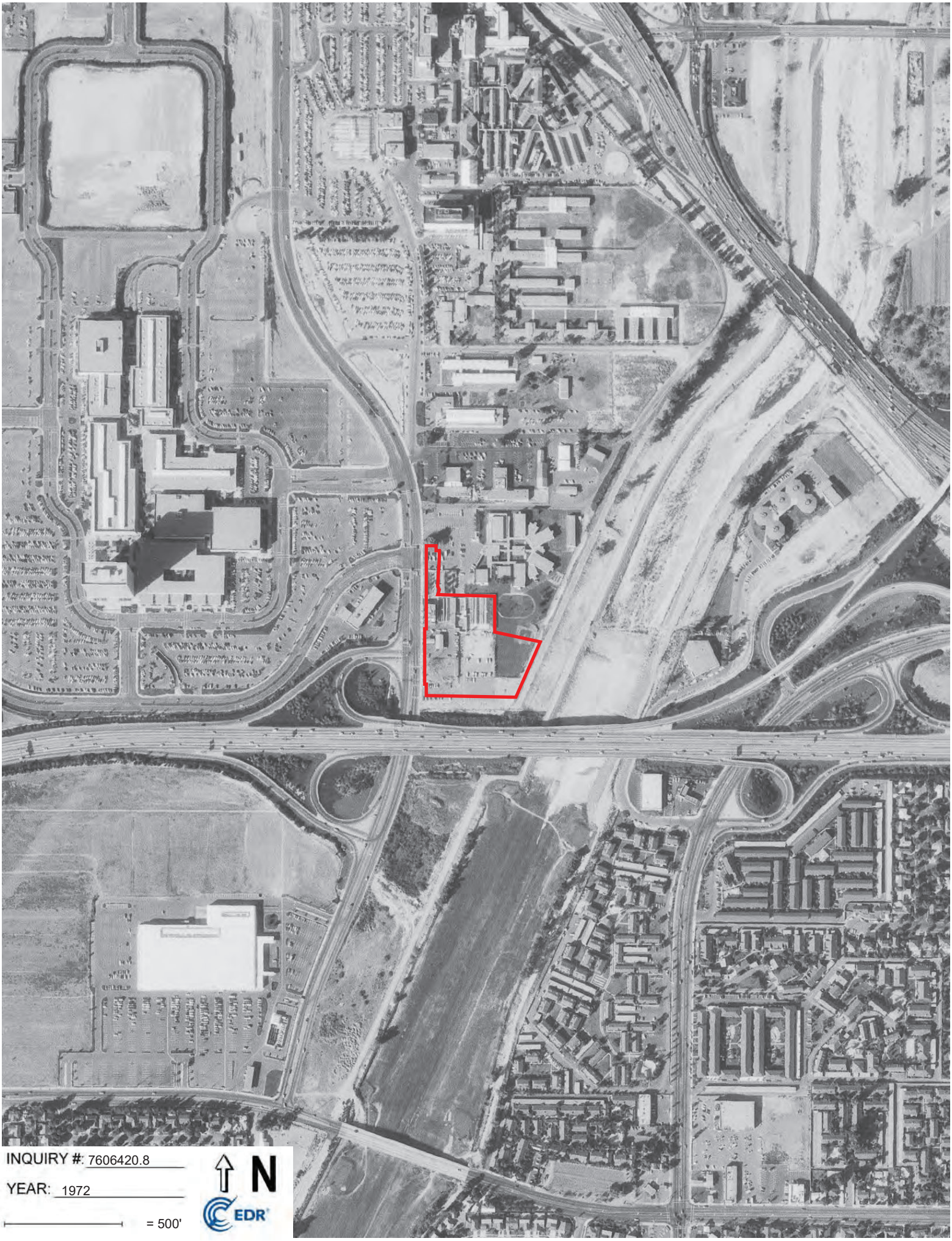
= 500'

N

EDR


INQUIRY #: 7606420.8
YEAR: 1987
= 500'
N
EDR


INQUIRY #: 7606420.8
YEAR: 1977
= 500'
N
EDR


INQUIRY #: 7606420.8
YEAR: 1972
= 500'
N
EDR



INQUIRY #: 7606420.8

YEAR: 1966

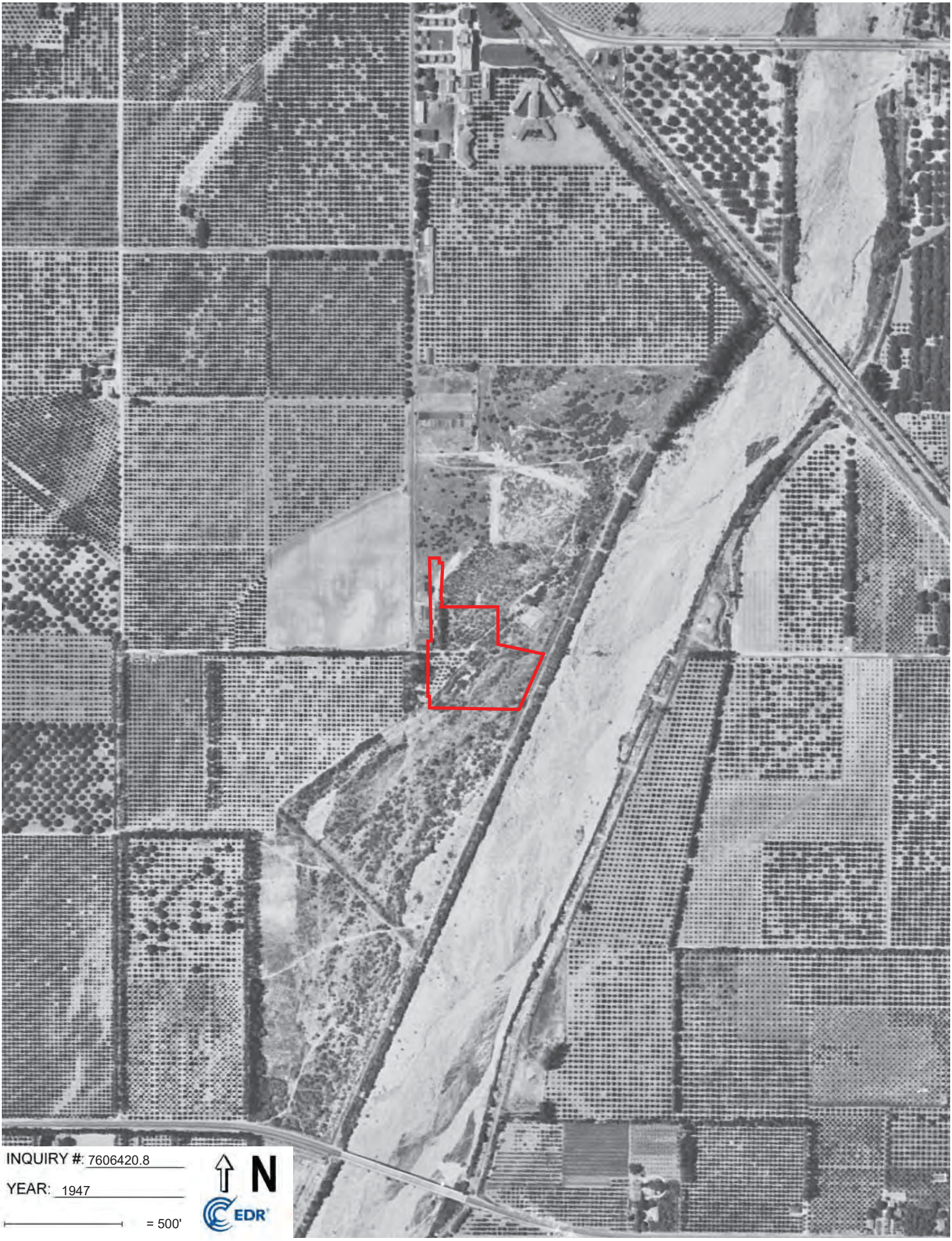
= 500'

N

EDR


INQUIRY #: 7606420.8
YEAR: 1963
= 500'
N
EDR


INQUIRY #: 7606420.8
YEAR: 1953
= 500'
N
EDR


INQUIRY #: 7606420.8
YEAR: 1947
= 500'
N
EDR


INQUIRY #: 7606420.8
YEAR: 1938
= 500'
N
EDR

561 The City Drive South
561 The City Drive South
Orange, CA 92868

Inquiry Number: 7606420.5
March 27, 2024

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

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory 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 approximately 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 current. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 1320 feet of the target property.

Summary information obtained is provided in the text of this report.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2020	EDR Digital Archive	-	X	X	-
2017	Cole Information	-	-	-	-
2014	Cole Information	X	X	X	-
2010	Cole Information	X	X	X	-
2005	Cole Information	X	X	X	-
2002	Haines Company	-	X	X	-
2001	Pacific Telephone	-	-	-	-
2000	Cole Information	-	X	X	-
1997	Pacific Telephone	-	-	-	-
1995	Cole Information	X	X	X	-
	Pacific Bell	X	X	X	-
1992	Cole Information	X	X	X	-
1991	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1980	Pacific Telephone	X	X	X	-
1975	Luskey Brothers & Co., Inc.	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1971	Luskey Brothers Co., Inc.	-	-	-	-
1970	GENERAL TELEPHONE CO. OF CALIFORNIA	-	-	-	-
1966	Pacific Telephone	-	-	-	-
1965	ROSS PUBLICATIONS INC.	-	-	-	-
1961	Luskey Brothers & Co.,	-	-	-	-
1960	Unknown	-	-	-	-
1956	LUSKEY BROTHERS & CO. INC.	-	-	-	-
1955	Luskeys Brothers & Co.	-	-	-	-
1952	Luskeys Directory Service Co.	-	-	-	-
1950	The Pacific Telephone and Telegraph Co.	-	-	-	-
1946	Southern California Telephone Co.	-	-	-	-
1945	McCutcheon & Bragonier	-	-	-	-
1941	Southern California Telephone Co.	-	-	-	-
1936	A SAM DAWSON DIRECTORY	-	-	-	-
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

561 The City Drive South
Orange, CA 92868

FINDINGS DETAIL

Target Property research detail.

THE CITY DR

561 THE CITY DR

Year	Uses	Source
1980	Animal Control	Pacific Telephone
	Animal Shelter	Pacific Telephone
	Dog Licensing	Pacific Telephone
	Orange County Animal Shelter	Pacific Telephone

THE CITY DR S

561 THE CITY DR S

Year	Uses	Source
2014	CITY OF ANAHEIM	Cole Information
	CITY OF GARDEN GROVE	Cole Information
	CITY OF LAGUNA HILLS	Cole Information
2010	HUNTINGTON BEACH ANIMAL CNTRL	Cole Information
	LAGUNA HILLS ANIMAL SVC	Cole Information
	ORANGE COUNTY ANIMAL SHELTER	Cole Information
	ORANGE COUNTY DOG LICENSING	Cole Information
2005	ANIMAL ASSISTANCE LEAGUE OF ORANGE C	Cole Information
	GARDEN GROVE DOG LICENSING	Cole Information
	ORANGE COUNTY ANIMAL CARE SERVICES	Cole Information
	ORANGE COUNTY ANIMAL SHELTER	Cole Information
1995	ANAHEIM CITY ANIMAL CONTROL	Cole Information
	ORANGE COUNTY ANIMAL SHELTER	Cole Information
1992	ANH CTY ORG ANIMAL	Cole Information

FINDINGS

Year	*Uses*	*Source*
1992	GG CTY DOG LICENSNG	Cole Information

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

0 CITY BLVD

18 0 CITY BLVD

Year	Uses	Source
1995	Young Bruce	Pacific Bell

19 0 CITY BLVD

Year	Uses	Source
1995	Patel Saumin	Pacific Bell

05 CITY PKY

5 05 CITY PKY

Year	Uses	Source
1991	Cook Peter A	Pacific Bell
	Cook Peter W @Huntington Beach@	Pacific Bell
	Cook Phiillip H	Pacific Bell

501 THE CITY DR S

2180732 501 THE CITY DR S

Year	Uses	Source
2014	GREGG YERINGTON	Cole Information

CITY BLVD

1 CITY BLVD

Year	Uses	Source
1995	A Aaction Attorney	Pacific Bell
	A United Law Centers	Pacific Bell
	Afterthoughts	Pacific Bell
	Agren Brenda L atty	Pacific Bell
	Anton James A atty	Pacific Bell
	Barlow Linda A CFP	Pacific Bell

FINDINGS

Year	*Uses*	*Source*
1995	Barthrop John A & Associates	Pacific Bell
	Bebereia Donald P atty	Pacific Bell
	Bevins Ronald atty	Pacific Bell
	Bevlns Ronald H Jr atty	Pacific Bell
	Campbell Ardis L atty	Pacific Bell
	Chatlerton Robt D atty	Pacific Bell
	Drake Paula atty	Pacific Bell
	Duffy Law rence E Jr atty	Pacific Bell
	Epstein Allan Dean alty at law	Pacific Bell
	Fleming Sheldon atty	Pacific Bell
	Franklin Ferdie F altty	Pacific Bell
	Friedman Orrin A atty	Pacific Bell
	Galley The	Pacific Bell
	General Employment	Pacific Bell
	Gilbert & Marlow e attorney	Pacific Bell
	Gilbert Richard C attlly	Pacific Bell
	Giuffre Boo J atty	Pacific Bell
	Gow all Michelle R atty	Pacific Bell
	Gow el Michelle R atty	Pacific Bell
	Grady How ard L atty	Pacific Bell
	Holmes Richard E Attorney At Law	Pacific Bell
	Homeow ners Helping Homeow ners	Pacific Bell
	Kennedy Sandra G atty	Pacific Bell
	Kutlnsky Laurence atty	Pacific Bell
	Larsh Erick atty	Pacific Bell
	Law Offices Of Erick Larsh	Pacific Bell
	Law Offices Of Paula Drake	Pacific Bell
	MONY Mutual Of New York	Pacific Bell
	Mac Cready & Gutmann Insurance Services Inc	Pacific Bell
	Mac Donald Shirey J atty	Pacific Bell
	Management Recruiters	Pacific Bell
	Marlow e Diane Joan attlly	Pacific Bell

FINDINGS

Year	*Uses*	*Source*
1995	Marrlott Management Services Corp	Pacific Bell
	Mayer Marvin D atty	Pacific Bell
	Mc Hale Carole atty	Pacific Bell
	Mc Keand Jeri R atty	Pacific Bell
	Medlfax Inc	Pacific Bell
	i	Pacific Bell
	Mercer M	Pacific Bell
	Metropolitan Life Insurance Company Sales Offices	Pacific Bell
	Group Insurance & Pesions Div	Pacific Bell
	Metropolitan Life Insurance Company	Pacific Bell
	Mills Corporation	Pacific Bell
	Minyard Mark E atty	Pacific Bell
	Minyard Mark E Inc	Pacific Bell
	Morr ISLAND Michael A Minyard Mark E Inc	Pacific Bell
	Morrison Randy Sue Law Offices	Pacific Bell
	National Relocation Assistance Corp	Pacific Bell
	Osajima Glenn K atty	Pacific Bell
	PHH Homequity Destination Services	Pacific Bell
	PEDERZANI ROBERT W ATTORNEY AT LAW	Pacific Bell
	Pegan Kevin C atty	Pacific Bell
	Phillips Gerald J atty	Pacific Bell
	Polam Federal Credit Union	Pacific Bell
	Porter Susan atty	Pacific Bell
	RSM Financial Services	Pacific Bell
	Roberts Legrande atty	Pacific Bell
	Rosen Bonnie Zeldin	Pacific Bell
	SALES CONSULTANTS	Pacific Bell
	Sandeman Susan M atty	Pacific Bell
	Seide Lonnie K Minyard Mark E Inc	Pacific Bell
	Shack Richard ally	Pacific Bell
	Sirota Brian atty	Pacific Bell

FINDINGS

Year	*Uses*	*Source*
1995	Sllpp Jonathanatty	Pacific Bell
	Tabucchl Celinda atty	Pacific Bell
	Tishman West Management Corp	Pacific Bell
	Triad Contract Staffing Services	Pacific Bell
	Unlglobe Heritage Travel	Pacific Bell
	United Law Centers Of America	Pacific Bell
	Westray Laura altty	Pacific Bell
	Whisnant Jacquellne A Minyard Mark E Inc	Pacific Bell
	Womens Law Center	Pacific Bell
1991	Afterthoughts	Pacific Bell
	Bevins Ronald atty	Pacific Bell
	Bevins Ronald HJr atty	Pacific Bell
	Bevins SS Wmsto lr	Pacific Bell
	Campbell Mithun Esty Advertising	Pacific Bell
	Combs Curtlss W New York Insorance Company	Pacific Bell
	Combs Daniel	Pacific Bell
	Dracup Jeffrey A Law Offices Of	Pacific Bell
	Dracup & Patterson	Pacific Bell
	Fairhairn Sherman T atty	Pacific Bell
	Fairbanks A	Pacific Bell
	Fairbanks AF	Pacific Bell
	Gausew itz Richard Lpat lw yr	Pacific Bell
	Gausew itz Steven H MD	Pacific Bell
	New port Medical Plaza Placentma Av& Hospital Rd NO	Pacific Bell
	From Santa Ana Telephones Call	Pacific Bell
	Marrott Corp Facilities Management Div	Pacific Bell
	Marrott Corp School Food Services	Pacific Bell
	Mc Call Michael atty	Pacific Bell
	Group Health Claes	Pacific Bell
	Metropolitan Life Insurance Company	Pacific Bell
	Morrison Randy Sue Law Offices	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Orange	Pacific Bell
	Parke James R Minyard & Mimyard attys	Pacific Bell
	Parke Lona	Pacific Bell
	Polam Federal Credit Union	Pacific Bell
	Polan B @Westminster@	Pacific Bell
	Polan Susan	Pacific Bell
	Polance Joe	Pacific Bell
	Rothenberg Allan pat lw yr	Pacific Bell
	Rubin Lols E Minyard & Minyard atts	Pacific Bell
	SALES CONSULTANTS	Pacific Bell
	Orange	Pacific Bell
	The City Shopping Center	Pacific Bell
	Umglobe Heritage Travel	Pacific Bell
	Union Mortgage Co	Pacific Bell
	Vang Nhia no	Pacific Bell
	World Title Company	Pacific Bell
	World Title Company I City Boulevard West @Orange@	Pacific Bell
	From Capotrano Valley Telephones Call	Pacific Bell
1986	All American Gourmet Company	Pacific Bell
	Associates National Mortgage Corp	Pacific Bell
	Baker Robert A recvrshp	Pacific Bell
	BANKAME RILE AS E GROUP	Pacific Bell
	Beesley Wm Paine Webber brkrs	Pacific Bell
	Blame Steven atty	Pacific Bell
	Bollmer Michael L Friedemann Keto & Fingal attys	Pacific Bell
	Bnll Hunt Barber & Hart Attorneys At Law	Pacific Bell
	Carr Richard F pat lw yr	Pacific Bell
	Carroll Patrick D Menke Fahrney & Carroll attys	Pacific Bell
	Chatterton Robt D atty	Pacific Bell
	Cray William C pat lw yr	Pacific Bell

FINDINGS

Year	Uses	Source
1986	DE VON & DE VON PE RS ON N E L S E RVICE S IN C	Pacific Bell
	Donald Richard D & Associates Inc	Pacific Bell
	Duarte James Menke Fahrney & Carroll attys	Pacific Bell
	Edw ards Elgin C pat lw yr	Pacific Bell
	Fahrney Richard L II Menke Fahrney & Carroll attys	Pacific Bell
	Fauci & Sons Inc	Pacific Bell
	Fingal Stephen I Fridemans Keto & Fingal attys	Pacific Bell
	First Financial Planners	Pacific Bell
	Friedeman F K Fnedamann Keto & FIngal attys	Pacific Bell
	Frledemann Keto ft FIngal attys	Pacific Bell
	Frledemann & Menke attys	Pacific Bell
	Galley The	Pacific Bell
	GAUGLE R W IE GE L & S ZE KE L AN ACCOUIN TAN CY CR	Pacific Bell
	Gausew itz Richard L pat lw yr	Pacific Bell
	Goethals Richard B atty	Pacific Bell
	Jasper Bernard Friedemann Keto & Fisgal attys	Pacific Bell
	Macklln John Dale Friedamann Keto & Fingel attys	Pacific Bell
	Mayberr avid B CLU	Pacific Bell
	MC N E IL ROBE RT A CORP	Pacific Bell
	Menke Dennis V Menke Fahtrey & Carroll attys	Pacific Bell
	ME NKE FA HRN E Y & CARROLL attys	Pacific Bell
	Mercer William M Incorporated	Pacific Bell
	Mesaro John G pat lw yr	Pacific Bell
	Group Claims Office	Pacific Bell
	Group Ins & Pensions Division	Pacific Bell
	Mobile Polymers U S Inc	Pacific Bell
	Murchison & Cumming attys	Pacific Bell
	National Relocation Assistance Corp	Pacific Bell

FINDINGS

Year	*Uses*	*Source*
1986	Orange	Pacific Bell
	Nordic Development Co	Pacific Bell
	Pastore Richard P CPA	Pacific Bell
	RS R & Associates	Pacific Bell
	Relocation Assistance	Pacific Bell
	Roberts Shelton Roberts & Associates	Pacific Bell
	Rothenberg Allan patlw yr	Pacific Bell
	Orange	Pacific Bell
	Slane Harold atty	Pacific Bell
	Sperry Univac	Pacific Bell
	Standard Insurance Co	Pacific Bell
	Stock Ronald C atty	Pacific Bell
	S TON E ARN OLD M atty	Pacific Bell
	Szekel Pat CPA	Pacific Bell
1980	Agren Carl F atty	Pacific Telephone
	Agren &Roberts I City Boulevard West @Orange@	Pacific Telephone
	From Santa Ana Telephones Call	Pacific Telephone
	Ois Aon Headquarters	Pacific Telephone
	Professional & Executive Program	Pacific Telephone
	Barnuin pitl C rv	Pacific Telephone
	Beesley Wm Peino Webber brkrs	Pacific Telephone
	Brick & Peterson	Pacific Telephone
	Chubb & Son Inc	Pacific Telephone
	Current Coverage Insurance Agency	Pacific Telephone
	De Urioste George Inc	Pacific Telephone
	Dieda Carl L Ins	Pacific Telephone
	Dohald Vess Associates	Pacific Telephone
	Erickson James E Inc atty at law	Pacific Telephone
	Executive Planning Service	Pacific Telephone
	Executive Plant Leasing	Pacific Telephone
	Federal Insurance Group	Pacific Telephone
	Fingal Stephan L Friedemann & Menke atlys	Pacific Telephone

FINDINGS

Year	*Uses*	*Source*
1980	Friedemann F K Friedenann Menke & Adams attys	Pacific Telephone
	PRIE DE MAN N ME NKE &ADAMS attys	Pacific Telephone
	Gaugler Robert A	Pacific Telephone
	Gaugler & Wiegel An Accountancy Corporation CPA I City Boulevard West @Orange@	Pacific Telephone
	Guziak James J Friedemann & Menke attys	Pacific Telephone
	Harbin Investment Services	Pacific Telephone
	Administrative Office	Pacific Telephone
	Hobbs Thos P Friedemann Menke & Adams attys	Pacific Telephone
	HOBBS TRUCKIN G CO	Pacific Telephone
	K ORAN GE BROADCAS TIN G CORP	Pacific Telephone
	KIKF Radio	Pacific Telephone
	Mackey Klein & Crumblish attys	Pacific Telephone
	Management Recruiters I	Pacific Telephone
	Management Recruiters Of Southern Calif	Pacific Telephone
	IM Ageencyt I Cty Boulevard West @Orange@	Pacific Telephone
	I	Pacific Telephone
	Mineral Research & Development inc	Pacific Telephone
	Moore John C atty	Pacific Telephone
	Moustafa Moheinmad ins	Pacific Telephone
	Murchison & Cumming attys	Pacific Telephone
	N PS Engineers & Constructors Inc	Pacific Telephone
	National Alliance Of Business	Pacific Telephone
	Orange	Pacific Telephone
	Group Sales	Pacific Telephone
	New York New York Beauty Salon	Pacific Telephone
	Nishimura Gilbert atty	Pacific Telephone
	Nishimura Karl K DDS	Pacific Telephone
	Pacific Indemnity Group	Pacific Telephone
	PACIFIC PLAN OF CALIFORN IA	Pacific Telephone
	Paine Weber Financial Planning Group	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	Prestige Holdings Ltd	Pacific Telephone
	Reynolds James E CPA	Pacific Telephone
	toberts Clifford W Jr atty	Pacific Telephone
	Rothenberg Allan patlw yr	Pacific Telephone
	Rothenberg C H	Pacific Telephone
	Santa Ana Valley Irrigation Company	Pacific Telephone
	Senzaki Osajima & Nishimura attys at law	Pacific Telephone
	Southern California Management Recruiters	Pacific Telephone
	S PE CIAL OFFICE S E RVICE S	Pacific Telephone
	From @Long Beach@ Telephones Call	Pacific Telephone
	From @Whittier@ Telephones Call	Pacific Telephone
	T D Service Company	Pacific Telephone
	T D Service Co Trustee Sale Information	Pacific Telephone
	Thomas J T	Pacific Telephone
	TIS HIMIN W E S T IMN AGE ME N T CORP	Pacific Telephone
	Tori John S	Pacific Telephone
	Vigilant Insurance Group	Pacific Telephone
	Wiegel Ronald E	Pacific Telephone
	Woody Glenn Paine Webber brkrs	Pacific Telephone
	York John K atty	Pacific Telephone
	Zorrille Jose Jr atty	Pacific Telephone

2 CITY BLVD

Year	Uses	Source
1995	Zhou Grace X	Pacific Bell
1991	KIKF Radio	Pacific Bell
1986	KIKE M	Pacific Bell
1980	ABM Security Services	Pacific Telephone

3 CITY BLVD

Year	Uses	Source
1995	Ampco Parking	Pacific Bell
	Brott James W attyatlaw	Pacific Bell

FINDINGS

5 CITY BLVD

Year	Uses	Source
1986	Yb U	Pacific Bell

27 CITY BLVD

Year	Uses	Source
1991	H Tonis Corp	Pacific Bell

3339 CITY BLVD

Year	Uses	Source
2010	TGI FRIDAYS	Cole Information

CITY BLVD E

23 CITY BLVD E

Year	Uses	Source
1995	ASHLY JEWELERS	Cole Information

CITY BLVD W

1 CITY BLVD W

Year	Uses	Source
2014	ACCOUNTEMPS	Cole Information
	AUSTIN OPTOMETRY GROUP	Cole Information
	BERGEN ROBERT C ATTY	Cole Information
	BLOCK AT ORANGE THE	Cole Information
	LAW OFFICES OF GEORGE BOJIC	Cole Information
	PIZZA HUT	Cole Information
	WALSWORTH FRANKLIN BEVINS & MCCALL	Cole Information
	BREWER STEVEN J ATTY AT LAW	Cole Information
	DARE TECHNOLOGIES GLOBAL	Cole Information
	UNITED AMERICAN INSURANCE COMPANY	Cole Information
	THE CITY SHOPPING CENTER	Cole Information
	JAN HOBBS FINANCIAL	Cole Information
	JUVENILE DEFENDERS	Cole Information
	MRINETWORK	Cole Information

FINDINGS

Year	*Uses*	*Source*
2014	PEDERZANI ROBERT	Cole Information
	PREVENTION LLC	Cole Information
	BARNETT JOHN ATTY	Cole Information
	CORE LAW GROUP LLP	Cole Information
	KW TOTAL BUSINESS SERVICES	Cole Information
	SALES CONSULTANTS	Cole Information
	AUSTIN ALLEN DR OPTOMETRIST	Cole Information
	ACCIDENT ATTORNEYS OF WILLIAM GREEN	Cole Information
	CORNERSTONE EXCHANGE SERVICES	Cole Information
	MASSMUTUAL FINANCIAL GROUP	Cole Information
	IZUMI & CO	Cole Information
	TALLEY & CO	Cole Information
	BOIC & LIVESAY LLP	Cole Information
	BRADY VORWERCK RYDER & CASPINO	Cole Information
	SAVAGE FINETE	Cole Information
	FLANAGAN AIMEE ASHBY ATTORNEY AT LAW	Cole Information
	FRANDELI GROUP LLC	Cole Information
	GORCZYCA GARY ATTY AT LAW	Cole Information
	MEDICAL SPECIALTIES MANAGERS	Cole Information
	ROSEN & ROSEN	Cole Information
	ROTHMAN LARRY A PROFESSIONAL LAW COR	Cole Information
	WALTON GREENLAW CITY PLAZA VI LLC	Cole Information
	ADT SECURITY SERVICES	Cole Information
	EADY ERNEST ATTY	Cole Information
	LAW OFFICE OF JOHN BARNETT	Cole Information
	LISI	Cole Information
	MEDICAL SPECIALTIES MANAGER INC	Cole Information
	INTERNATIONAL WEALTH MANAGEMENT	Cole Information
	POINT POTENTIAL INC	Cole Information
	OFFICETEAM	Cole Information
	MICHEAL CAMPBELL	Cole Information

FINDINGS

Year	Uses	Source
2014	RONALD BEVINS	Cole Information
2010	WALSWORTH FRANKLIN & BEVINS	Cole Information
	AUSTIN OPTOMETRY GROUP	Cole Information
	WENDY L FOUNTAIN LAW OFFICES	Cole Information
	TRANS PLANT LINE	Cole Information
	NISIEI 1 CORP	Cole Information
	ASHBYFLANAGAN AIMEE C	Cole Information
	MORIMOTO JAN C	Cole Information
	WENDY L CHRISTIANSEN LAW OFC	Cole Information
	WENKE WILLIAM F	Cole Information
	CRUM & FORSTER INSURANCE	Cole Information
	EDGEWOOD PARTNERS INSURANCE CO	Cole Information
	TUTTLE THOMAS W	Cole Information
	VU TRINH LAW OFFICES	Cole Information
	QUEST EXECUTIVE SOLUTIONS INC	Cole Information
	YORK JOHN K	Cole Information
	JONSTON ELENE M	Cole Information
	BERGEN ROBERT C	Cole Information
	DARE TECHNOLOGIES GLOBAL	Cole Information
	SHARON PARKER INSURANCE	Cole Information
	MASTER HALCO INC	Cole Information
	SALVATORE CIULLA LAW OFFICES	Cole Information
	BOO J GIUFFRE LAW OFFICE	Cole Information
	EADY ERNEST L	Cole Information
	GUIFFRE BOO	Cole Information
	JAN HOBBS FINANCIAL	Cole Information
	MANAGEMENT RECRUITERS INC	Cole Information
	ROBERT W PEDERZANI LAW OFFICES	Cole Information
	GEORGE BOJIC LAW OFFICES	Cole Information
	FITZ GERALD KATHLEEN M	Cole Information
	LEXINGTON MORTGAGE	Cole Information
	GREEN WILLIAM	Cole Information

FINDINGS

Year	Uses	Source
2010	K W TOTAL BUSINESS SVC	Cole Information
	SALES CONSULTANTS	Cole Information
	FUNK RONALD B	Cole Information
	JOHN BARNETT LAW OFFICE	Cole Information
	AMERICAN SECURITY ALARMS INC	Cole Information
	DOUGLAS SEAN PINKHAM LAW OFCS	Cole Information
	WALSWORTH FRANKLIN BEVINS	Cole Information
	TORNAY STEVE	Cole Information
	EQUITY OFFICE	Cole Information
	CULVER CAREERS	Cole Information
	LARRY A ROTHMAN PRO LAW CORP	Cole Information
	BREWER STEVEN J	Cole Information
	PATRICK MC CALL LAW OFC	Cole Information
	UNITED AMERICAN INSURANCE CO	Cole Information
	RALPH MICHELLE L	Cole Information
	IZUMI & CO	Cole Information
	LISI	Cole Information
	BUCK CONSULTANTS	Cole Information
	LANGSTON WILLIAMS	Cole Information
	CHOICE DENTAL PERSONNEL	Cole Information
	CORNERSTONE EXCHANGE SVC	Cole Information
	HFOP CITY PLAZA LLC	Cole Information
	BOIC & LIVESAY	Cole Information
	ASHBY THOMSON ANN	Cole Information
	DEMMERLE KENNETH T	Cole Information
	SUPERIOR HEARING CONSULTANTS	Cole Information
	ROGERS DORIE A	Cole Information
	ROSEN & ROSEN	Cole Information
	MARVIN D MAYER LAW OFFICE	Cole Information
	MICHAEL POOLE LAW OFFICES	Cole Information
	TABUCCHI CELINDA	Cole Information
	ATTORNEY ASSISTED CA CTR	Cole Information

FINDINGS

Year	Uses	Source
2010	SWILLER JENNIFER F	Cole Information
	CORRAL CHAS PARISH ARNETT	Cole Information
	EPIC	Cole Information
	ELKIN CARA	Cole Information
	SAYLIN BRIAN G	Cole Information
	ANN THOMSON LAW OFFICE	Cole Information
	DANIEL SIGLER	Cole Information
	JANICE SIZEMORE	Cole Information
2005	BRIAN G SAYLIN ATTORNEY & COUN	Cole Information
	TRANSWORLD SYSTEMS INC	Cole Information
	CALIFORNIA APPELLATE LAWYER	Cole Information
	ALLAN DEAN EPSTEIN	Cole Information
	MAYER MARVIN D ATTORNEY	Cole Information
	WALSWORTH FRANKLIN BEVINS & MC CALL	Cole Information
	SAYLIN BRIAN G ESQ	Cole Information
	MILLS	Cole Information
	CHARLES E BERGSTROM A PC	Cole Information
	THE LAW OFFICES	Cole Information
	TRANS PLANT LINE	Cole Information
	QUEST EXECUTIVE SOLUTIONS INC	Cole Information
	ECOMM SOLUTIONS	Cole Information
	TINA M TALBOT ATTORNEY AT LAW	Cole Information
	ADNORTH KONA TROPIC LLC	Cole Information
	YORK JOHN K	Cole Information
	MALMQIST FLDS CMSTRA ADLSON	Cole Information
	WEEKEND MAIDS AGENCY	Cole Information
	KATHLEEN M FITZGERALD OFFICE	Cole Information
	DANIEL ROSEN A LAW CORP	Cole Information
	FREEDOM SERVICES UNLIMITED LLC	Cole Information
	MORRISTOWN AND ROSEN ATTORNEY	Cole Information
	NAPOLLO INC	Cole Information
	PETER TORNAY ATTORNEY	Cole Information

FINDINGS

Year	Uses	Source
2005	ANN THOMSON ESQ	Cole Information
	QUEST EXEC SOLUTIONS INC	Cole Information
	METROPOLITAN LIFE INSURANCE	Cole Information
	INDEPENDENT MORTGAGE INC	Cole Information
	ADAWARE NET	Cole Information
	AMERICAN DRIVING RECORDS	Cole Information
	ARTWORK CARDS	Cole Information
	ATTORNEY ASSISTED LEGAL CENTER	Cole Information
	CARL S JR RESTAURANTS	Cole Information
	CENTER FOR CHILDREN AND FAMILY LAW	Cole Information
	THE PRINCETON SEARCH GROUP	Cole Information
	LEVERSEN CAROL J ATTORNEY AT LAW	Cole Information
	GACT LLC	Cole Information
	AMERICAN BUILDING MAINTENANCE	Cole Information
	SKYMARK CAPITAL MORTGAGE	Cole Information
	LEBHERZ INSURANCE SERVICES INC	Cole Information
	PRICE DAVID L ATTORNEY	Cole Information
	JOANNE LANGSTON	Cole Information
	CRUM & FOSTER	Cole Information
	RICK ENGINEERING CO INC	Cole Information
	ARGENT MORTGAGE CO	Cole Information
	ASHBY AIMEE C ATTORNEY AT LAW	Cole Information
	LEXINGTON MORTGAGE	Cole Information
	CIULLA SALVATORE LAW OFFICES OF	Cole Information
	JEFFERY T WALSWORTH	Cole Information
	SWBC COTRAK INS SERVICE INC	Cole Information
	I BRAND GROUP INC	Cole Information
	LISI	Cole Information
	TRANSPLANTING	Cole Information
	INTERNATIONAL WEALTH MANAGEMENT	Cole Information
	PREMIUM PRODUCERS GROUP	Cole Information
	OFFICE OF JOHN D BARNETT	Cole Information

FINDINGS

Year	Uses	Source
2005	D & M CAPITAL MANAGEMENT INC	Cole Information
	WORLD FINANCIAL GROUP	Cole Information
	COTRAK DIVISION	Cole Information
	LAW OFFICE OF WENDY L C	Cole Information
	CALIFORNIA CENTERS	Cole Information
	PATRICK A MC CALL LAW OFFICES	Cole Information
	ALTERNATIVE GUIDANCE CTR	Cole Information
	MANAGEMENT RECRUITERS	Cole Information
	SOUTHWEST BUSINESS CORP	Cole Information
	CONSUMER INFO COM	Cole Information
	LAW OFFICIES SALVADOR CIULLA	Cole Information
	LANGSTON WILLIAMS	Cole Information
	LAW OFFICES OF VU TRINH	Cole Information
	KADOTANI CHERI ESQ	Cole Information
	GREEN CAROLYNN LAW OFFICES	Cole Information
	HDR INC	Cole Information
	ATTYS FOR THE FAMILY	Cole Information
	ROBERT PEDERZANI	Cole Information
	CRUM AND FOSTER	Cole Information
	GALLEY	Cole Information
	SERENITY LIVING LLC	Cole Information
	DUCKWORTH & MEHNER LIP	Cole Information
	MINYARD AND MORRIS LLP	Cole Information
	EQUITY OFFICE	Cole Information
	IZUMI CO	Cole Information
	PPOL INC	Cole Information
	DARE TECHNOLOGIES GLOBAL	Cole Information
	AVANT GARDE TECHNOLOGIES INC	Cole Information
	AUSTIN HOWARD DR OPTOMETRIST	Cole Information
	CLANTON CO INC	Cole Information
	RADOSVIC ELZBETH FLDS LAW OFFS	Cole Information
	BEVEL REALTY	Cole Information

FINDINGS

Year	Uses	Source
2005	HANKE WILLIAMS	Cole Information
	KUTINSKY LAURENCE ATTORNEY	Cole Information
	MEDIQUEST INC	Cole Information
	METLIFE INSTITUTIONAL SALES & PENSIO	Cole Information
2000	ROBERT MCLAUGHLIN	Cole Information
	ANDRE QUINONES	Cole Information
	JANA TRINKWON	Cole Information
	B GIUFFRE	Cole Information
	ALLAN EPSTEIN	Cole Information
	JOANNE LANGSTON	Cole Information
	LOUIS WEISENBERG	Cole Information
	C CREDIT	Cole Information
	MICHAEL RUTER	Cole Information
	STEVEN HITTLEMAN	Cole Information
	CHARLES CHACON	Cole Information
	QUAN NGUYEN	Cole Information
	SHERIF MORCOS	Cole Information
	NANCY MCALLISTER	Cole Information
	PATRICK MCCALL	Cole Information
	MICHAEL VARISCO	Cole Information
	F WALSWORTH	Cole Information
	JUDITH MOFFITT	Cole Information
	MICHAEL MORRIS	Cole Information
	STEPHEN TORNAY	Cole Information
	JAMES PARKE	Cole Information
	C MCHALE	Cole Information
	MARK SIKORSKI	Cole Information
	N INSURANC	Cole Information
	DEREK HOLCOMB	Cole Information
	MOUNEAN DIXON	Cole Information
	RICK LAL	Cole Information
	C LAWLER	Cole Information

FINDINGS

Year	Uses	Source
2000	JOSEPH WILSON	Cole Information
	GEORGE CASTINEIRAS	Cole Information
	RANDY MCELROY	Cole Information
	MICHAEL SAUCEDO	Cole Information
	WILMA VANDEURSEN	Cole Information
	KENNETH DEMMERLE	Cole Information
	C BERGSTROM	Cole Information
	C MICHAEL	Cole Information
	MARC KESSEL	Cole Information
	M GOWELLMCCALL	Cole Information
	GLORIA PINON	Cole Information
	T HARMAN	Cole Information
	R MOHLE	Cole Information
	DAVID SMITH	Cole Information
	LONNIE SEIDE	Cole Information
	R GLENN	Cole Information
	MICHAEL LUCERO	Cole Information
	SUPPORT LITIGATION	Cole Information
	DANNY WASHBURN	Cole Information
	SUSAN PORTER	Cole Information
1995	MARK E MINYARD	Cole Information
	ORANGE COUNTY CHAMBER COMMERCE	Cole Information
	RICHARD E HOLMES	Cole Information
	JERMAINE CHASTAIN	Cole Information
	WALDSWORTH BEVINS & FRANKLIN	Cole Information
	METROPOLITAN LIFE INSURANCE	Cole Information
	HELEN H KONG	Cole Information
	JAMES A ANTON	Cole Information
	GERALD J PHILLIPS	Cole Information
	SALES CONSULTANTS	Cole Information
	GALLEY	Cole Information
	AGAPAY LEVYN & HALLING	Cole Information

FINDINGS

Year	Uses	Source
1995	UNIGLOBE HERITAGE TRAVEL	Cole Information
	RANDALL J LEE	Cole Information
	GENERAL EMPLOYMENT	Cole Information
	DAVID B MAYBERRY	Cole Information
	MINYARD & MINYARD	Cole Information
	DONALD P BEBEREIA	Cole Information
	FERDIE F FRANKLIN	Cole Information
	RICK D WILLIAMS	Cole Information
	MAC CREADY & GUTMANN INS SVC	Cole Information
	NICHOLAS A CIPITI	Cole Information
	BRENDA AGREN LAW CORP	Cole Information
	NEW YORK LIFE INSURANCE	Cole Information
	MANAGEMENT RECRUITERS INTL INC	Cole Information
	MARVIN D MAYER LAW OFFICE	Cole Information
	ALLAN W RUGGLES	Cole Information
	BONNIE Z ROSEN	Cole Information
	CITY SHOPPING CTR	Cole Information
	JOHN K YORK	Cole Information
	KIMBERLY K MAYS	Cole Information
	SHELDON J FLEMING	Cole Information
	WALSWORTH FRANKLIN & BEVINS	Cole Information
	MONY MUTUAL OF NEW YORK	Cole Information
	JEFFREY P WALSWORTH	Cole Information
	JON WADE INSURANCE SVC	Cole Information
	POLAM FEDERAL CREDIT UNION	Cole Information
	RANDY SUE MORRISON LAW OFFICES	Cole Information
	CELINDA TABUCCHI	Cole Information
	JONATHAN M SLIPP	Cole Information
	SANDRA G KENNEDY	Cole Information
	ARDIS L CAMPBELL	Cole Information
	JOHN A BARTHROP LAW OFFICE	Cole Information
	BRUCE A NELSON	Cole Information

FINDINGS

Year	Uses	Source
1995	ROBERT D CHATTERTON	Cole Information
	MICHAEL T MC CALL	Cole Information
	RONALD H BEVINS	Cole Information
	UNITED AMERICA INSURANCE CO	Cole Information
	UNITED AMERICAN INSURANCE CO	Cole Information
	AFTERTHOUGHTS	Cole Information
	RONALD H BEVINS JR	Cole Information
	PHH DESTINATION SVC	Cole Information
	LONNIE K SEIDE	Cole Information
	CAROLE MC HALE LAW OFFICE	Cole Information
	WALLSWORTH FRANKLIN & BEVINS	Cole Information
	CYRIAN B TABUENA	Cole Information
	JOHN L TRUNKO	Cole Information
	LAWRENCE E DUFFY JR	Cole Information
	ROBERT M CHANNEL	Cole Information
	JOHN C LAUTSCH	Cole Information
	LAURENCE KUTINSKY LAW OFFICE	Cole Information
	ROBERT W PEDERZANI LAW OFFICE	Cole Information
	ANTHONY WALKER	Cole Information
	SUSAN C OAKLEY LAW OFFICES	Cole Information
	CORPORATE HEALTH STRATEGIES	Cole Information
	HOMEOWNERS CAPITAL	Cole Information
	GILBERT & MARLOWE	Cole Information
	HYUNG J KIM	Cole Information
	KEVIN PEGAN	Cole Information
	MICHAEL BAILEY	Cole Information
	RICHARD M HILLS	Cole Information
	BEVINS, RONALD H JR	Cole Information
	SIROTA, BRIAN	Cole Information
	MAYBERRY, DAVID B	Cole Information
	BEVINS, RONALD	Cole Information
	LARSH, E	Cole Information

FINDINGS

Year	*Uses*	*Source*
1995	MACDONALD, SHIRLEY J	Cole Information
	MARLOWE, DIANE J	Cole Information
	PHILLIPS, GERALD J	Cole Information
	MCKEAND, JERI R	Cole Information
	EPSTEIN, ALLAN	Cole Information
	SLIPP, J	Cole Information
	GILBERT, RICHARD C	Cole Information
	BEBEREIA, DONALD P	Cole Information
	YORK, JOHN K	Cole Information
	FLEMING, SHELDON	Cole Information
	KUTINSKY, LAURENC	Cole Information
	GIUFFRE, BOO J	Cole Information
	MCHALE, CAROLE	Cole Information
	CHATTERTON, ROBERT D	Cole Information
	WILLIAMS, RICK D	Cole Information
	PEGAN, KEVIN C	Cole Information
	GRADY, HOWARD L	Cole Information
	SEIDE, LONNIE	Cole Information
	MAYER, MARVIN D	Cole Information
	FRANKLIN, FERDIE F	Cole Information
	KENNEDY, SANDRA G	Cole Information
	SHACK, RICHARD	Cole Information
	ROSEN, BONNIE Z	Cole Information
	CAMPBELL, ARDIS L	Cole Information
	TABUCCHI, CELINDA	Cole Information
	OSAJIMA, GLENN K	Cole Information
	AGREN, BRENDA L	Cole Information
	WHISNANT, J	Cole Information
	WALSWORTH, F	Cole Information
	MCCALL, MICHAEL	Cole Information
	ANTON, JAMES A	Cole Information
	DUFFY, L E JR	Cole Information

FINDINGS

Year	Uses	Source
1992	DUFFY L E JR ATTY	Cole Information
	MCKEAND JERI R ATTY	Cole Information
	MANAGMT RECRUITERS	Cole Information
	SIEMENS	Cole Information
	COMBS CURTISS W	Cole Information
	CHATTERTON R D ATTY	Cole Information
	OAKLEY SUSAN C LAW	Cole Information
	GALLEY THE	Cole Information
	ROSEN BONNIE Z	Cole Information
	PEDERZANI ROBT ATTY	Cole Information
	METRO LIFE INS CO	Cole Information
	COLE&CULBRETH INC	Cole Information
	POLAM FEDERAL CR UN	Cole Information
	CORPORATE HEALTH	Cole Information
	MAY CO BEAUTY SALON	Cole Information
	MAYBERRY DAVID CLU	Cole Information
	UNIGLOBE HIRTGE TRVL	Cole Information
	THOMAS COOK CRRNCY	Cole Information
	WORLD TITLE CO	Cole Information
	BEVINS R H JR ATTY	Cole Information
	MACCREADY&GUTMANN	Cole Information
	ORANGE CO C OF C	Cole Information
	FIRST NATL MRTG CO	Cole Information
	MARRIOTT CORP FCLTY	Cole Information
	AMER ANIMAL HSPTL	Cole Information
	FAX MERCERMEIDINGER	Cole Information
	GENL EMPLOYMENT	Cole Information
	GOLDEN CHARLES ATTY	Cole Information
	C V S	Cole Information
	RASMUSSEN GROUP	Cole Information
	CAT PALACE HOTEL	Cole Information
	PARKE JAMES R	Cole Information

FINDINGS

Year	Uses	Source
1992	MERCER MEIDINGER	Cole Information
	MAYER MARVIN D ATTY	Cole Information
	HOLMES RICHD E ATTY	Cole Information
	VANG NHIA	Cole Information
	SANBORN BROS INC	Cole Information
	FLEMING S ATTY	Cole Information
	LAUTSCH JOHN C ATTY	Cole Information
	CAL HAWAIIAN FSHNS	Cole Information
	B DALTON BOOKSELLER	Cole Information
	FRANKLIN F F ATTY	Cole Information
	AFTERTHOUGHTS	Cole Information
	M O N Y MUTUAL NY	Cole Information
	AGAPAY LEVYN ATTYS	Cole Information
	KIM HYUNG J	Cole Information
	ORG CO LEGAL VIDEO	Cole Information
	NATL RELCTN ASSTNC	Cole Information
	HOMEOWNERS CAPITAL	Cole Information
	GRADY HOWARD L ATTY	Cole Information
	GUZIAK JAMES J ATTY	Cole Information
	UNION MORTGAGE CO	Cole Information
	BOEHMER R E ATTY	Cole Information
	MAYBERRY, DAVID B	Cole Information
	BARTHROP, JOHN A	Cole Information
	COMBS, CURTISS W	Cole Information
	FLEMING, SHELDON	Cole Information
	ROSEN, BONNIE Z	Cole Information
	KIM, HYUNG J	Cole Information

2 CITY BLVD W

Year	Uses	Source
2005	FSB CITIBANK	Cole Information

FINDINGS

3 CITY BLVD W

Year	Uses	Source
2000	WOO KIM	Cole Information

CITY BLVD W STE 1100

1 CITY BLVD W STE 1100

Year	Uses	Source
2020	MARKUS QUENAN	EDR Digital Archive

CITY BLVD W STE 1400

1 CITY BLVD W STE 1400

Year	Uses	Source
2020	JOHN YORK	EDR Digital Archive

CITY BLVD W STE 750

1 CITY BLVD W STE 750

Year	Uses	Source
2020	JERRY ARDIZZONE	EDR Digital Archive

CITY PKY

6 CITY PKY

Year	Uses	Source
1995	Peterson Larry D atty	Pacific Bell

05 CITY PKY

Year	Uses	Source
1986	Jordan Charles A atty S	Pacific Bell
	Stanton Troy W atty S	Pacific Bell
1980	Pearson Joan L atty	Pacific Telephone
	S	Pacific Telephone

3339 CITY PKY

Year	Uses	Source
1991	TGI FRIDAYS	Pacific Bell
1986	FRIDAYS	Pacific Bell

Year	Uses	Source
1986	TGI FRIDAYS	Pacific Bell

CITY PKY E

3339 CITY PKY E

Year	Uses	Source
1995	TGI FRIDAYS	Cole Information
1992	T G I FRIDAYS	Cole Information

HESPERIAN

3022 HESPERIAN

Year	Uses	Source
1995	A Aabco Rescue Rooter	Pacific Bell
	A Aabco Rescue Rooter	Pacific Bell
	A Aabco Rescue Rooter	Pacific Bell
	A Aabco Rescue Rooter	Pacific Bell
	A Aabco Rescue Rooter	Pacific Bell
	A Aabco Rescue Rooter	Pacific Bell
	A Aabco Rescue Rooter	Pacific Bell
	A Aabco Rescue Rooter	Pacific Bell
	A Aabco Rescue Rooter	Pacific Bell
	A Aabco Rescue Rooter	Pacific Bell
	A Aabco Rescue Rooter	Pacific Bell
	A Aabco Rescue Rooter	Pacific Bell
	Brazil George Plumbing Heating & Air	Pacific Bell
	Brazil George Plumbing Heating & Air	Pacific Bell
	Brazil George Plumbing Heating & Air	Pacific Bell
	Brazil George Plumbing Heating & Air	Pacific Bell
	Brazil George Plumbing Heating & Air	Pacific Bell

HESPERIAN ST

2941 HESPERIAN ST

Year	Uses	Source
2002	BAICGALUPILous	Haines Company

FINDINGS

Year	Uses	Source
2002	DISCOUNT MOVERS	Haines Company
	OLDL UAKERCRDT	Haines Company
	A SHERWIN WILLIAMS	Haines Company
	COML LCTNS	Haines Company
1995	America West Movers	Pacific Bell
	Sherw in Willliams Co	Pacific Bell
	Starving A Plus College Students Moving Co	Pacific Bell
1991	District Credit Office	Pacific Bell
	District Office	Pacific Bell
	Sales Manager	Pacific Bell
	Accounting Center Accounting	Pacific Bell
	Whiteker Distribution Corp	Pacific Bell
1986	GBITRover	Pacific Bell
	Sherw in Williams Co	Pacific Bell
	Sherw in Williams Co Accounting Center	Pacific Bell
	Sherw in Williams Co District Credit Office	Pacific Bell
	Sherw in Williams Co Western Region Real Estate	Pacific Bell
1980	Ceramic Tile Mart	Pacific Telephone
	TIL MART	Pacific Telephone
1975	Kelly Moore Paint Co Inc	Luskey Brothers & Co., Inc.

3020 HESPERIAN ST

Year	Uses	Source
2002	HOLLYWOOD PARTY	Haines Company
	RENTALS	Haines Company
1991	Sales	Pacific Bell
	Tenney Engineer Ing Inc	Pacific Bell
1986	Sales	Pacific Bell
	Service	Pacific Bell
	Avco Shock Machines	Pacific Bell
	Beaver Induction	Pacific Bell
	Sales	Pacific Bell
	Service	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Fasar Induction	Pacific Bell
	Grieve Ovens	Pacific Bell
	Sales	Pacific Bell
	Service	Pacific Bell
	Meloy Laboratories	Pacific Bell
	Partlow Controls	Pacific Bell
	Sauder Industries	Pacific Bell
	Soiltest	Pacific Bell
	Sales	Pacific Bell
	Service	Pacific Bell
	Sales	Pacific Bell
	Service	Pacific Bell
	Sales	Pacific Bell
	Service	Pacific Bell
1980	Avco Shock Machines	Pacific Telephone
	Beaver Induction	Pacific Telephone
	Beaver ns Co	Pacific Telephone
	Sales	Pacific Telephone
	Service	Pacific Telephone
	Fasar Induction	Pacific Telephone
	Gardner Color Equipment	Pacific Telephone
	Sales	Pacific Telephone
	Service	Pacific Telephone
	Meloy Laboratories	Pacific Telephone
	Sales	Pacific Telephone
	CS S G	Pacific Telephone
	Service	Pacific Telephone
	Partlow Controls	Pacific Telephone
	Partltw w JL	Pacific Telephone
	Sauder industries	Pacific Telephone
	Soiltest	Pacific Telephone
	Sales	Pacific Telephone

Year	Uses	Source
1980	Service	Pacific Telephone
	Sales	Pacific Telephone
	Service	Pacific Telephone
	Standard Finance	Pacific Telephone
	Sales	Pacific Telephone
	Service	Pacific Telephone
	U S Smelting	Pacific Telephone
1975	Pacific Scientific Co	Luskey Brothers & Co., Inc.

3022 HESPERIAN ST

Year	Uses	Source
1995	A Aabats Plumbing Heating & Air Conditioning	Pacific Bell
	A Prompt Attorney Service	Pacific Bell
	Brazil George Kitchens	Pacific Bell
	Coast Attorney Service	Pacific Bell
	Diamond Mike Plumbing Heating Air Conditioning & Electrical	Pacific Bell
	Huntington Beach Plumbing Heating & Air Conditioning	Pacific Bell
	Legal Support Service	Pacific Bell
	Southland Attorney Service	Pacific Bell
	Unique Kitchens & Baths	Pacific Bell
1991	Brazil George Plumbing Heating & Air Conditioning	Pacific Bell
	A Aabats Plumbing Heating & Air Conditioning	Pacific Bell
	Anaheim	Pacific Bell
	Brea	Pacific Bell
	Buena Park	Pacific Bell
	Costa Mesa	Pacific Bell
	El Toro	Pacific Bell
	Fdlerton	Pacific Bell
	Garden Grove	Pacific Bell
	Irvine	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Lagana Beach	Pacific Bell
	Mission Vieio	Pacific Bell
	Orange	Pacific Bell
	Santa Ana	Pacific Bell
	A Aablity Resume Service By Mc Kinstry	Pacific Bell
	A Aability Resume Service By Mc Kinstry	Pacific Bell
	All American Plumbing Heating & Air Conditioning	Pacific Bell
	Brazil George Kitchens	Pacific Bell
	BRAZIL GEORGE PLUMBING HEATING & AIR CONDITIONING	Pacific Bell
	Anaheim	Pacific Bell
	Anaheim Hills	Pacific Bell
	Brea	Pacific Bell
	Buena Park	Pacific Bell
	Cypress	Pacific Bell
	Fountain Valley	Pacific Bell
	Fullerton	Pacific Bell
	Garden Grove	Pacific Bell
	Laguna Beach	Pacific Bell
	La Palma	Pacific Bell
	Lemon Heights	Pacific Bell
	Midw ay City	Pacific Bell
	New port Beach	Pacific Bell
	Orange	Pacific Bell
	Placentia	Pacific Bell
	Tustin	Pacific Bell
	Villa Park	Pacific Bell
	Westminster	Pacific Bell
	Westminster	Pacific Bell
	Yorba Linda	Pacific Bell
	Brazil George Plumbing Heating & Air Conditioninglh	Pacific Bell
	Brokers West	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Coast Attorney Service	Pacific Bell
	Main Billing Office	Pacific Bell
	Huntington Beach Plumbing Heating & Air Conditioning	Pacific Bell
	Legal Support Service	Pacific Bell
	Southland Attorney Service	Pacific Bell
	Unique Kitchens & Baths	Pacific Bell
1986	Adams York & Associates	Pacific Bell
	Air Conditioning	Pacific Bell
	Brazil George Plumbing Heating & Air Conditioning	Pacific Bell
	Brazil George Plumbing & Heating & Air Conditioning	Pacific Bell
	Brokers West	Pacific Bell
	Commercial Interior Associates	Pacific Bell
	Air Conditioning	Pacific Bell
	HeldenrIch Robert Mental Health & Life Counseling	Pacific Bell
	Kiyo Systems Inc	Pacific Bell
	Mental Health & Life Counseling	Pacific Bell
	Southland Attorney Service	Pacific Bell
	Southw estern Ag Laboratories	Pacific Bell
1980	CO IN C	Pacific Telephone
	From Compton Telephones Call	Pacific Telephone
	Advanced Valet Parking & Systems Fnc	Pacific Telephone
	Hayashi Bookkeeping And Tax Service	Pacific Telephone
	Inner Life Christian Fellow ship	Pacific Telephone
	Kellys Tile	Pacific Telephone
	Martin Dennis tax service	Pacific Telephone
	Seco Industries w hsle	Pacific Telephone
	Shamrock Associates	Pacific Telephone
	Western Pacific Associates	Pacific Telephone
	Western Pacific Consultants	Pacific Telephone
1975	JED DEVELOPMENT INC	Luskey Brothers & Co., Inc.

Year	Uses	Source
1975	Martens Eric W atty	Luskey Brothers & Co., Inc.
	Pacific Realty Services Inc	Luskey Brothers & Co., Inc.

3030 HESPERIAN ST

Year	Uses	Source
2002	OR 6 CO PROBATION	Haines Company
	TH GONCE CTR	Haines Company
1980	Grieve Ovens	Pacific Telephone
	Youth Guidance Center	Pacific Telephone
1975	Rio Contiguo School	Luskey Brothers & Co., Inc.
	Youth Guidance Center	Luskey Brothers & Co., Inc.

HR SERVICE 3022 N HESPERIAN WAY

24 HR SERVICE 3022 N HESPERIAN WAY

Year	Uses	Source
1995	Brazil George	Pacific Bell

METROPOLITAN DR

3400 METROPOLITAN DR

Year	Uses	Source
1995	Orange	Pacific Bell
	Tire Station	Pacific Bell
1991	Orange	Pacific Bell
1986	Orange	Pacific Bell

N HESPERIAN ST

2941 N HESPERIAN ST

Year	Uses	Source
2020	SHERWIN-WILLIAMS COML PAINT	EDR Digital Archive
	T H C J LLC	EDR Digital Archive
2014	DISCOUNT MOVERS INC	Cole Information
	SHERWINWILLIAMS PAINT STORE	Cole Information
	SHERWINWILLIAMS	Cole Information

FINDINGS

Year	Uses	Source
2014	DISCOUNT MOVERS	Cole Information
2010	SHERWINWILLIAMS	Cole Information
	DISCOUNT MOVERS	Cole Information
2005	PHILIP ALBERT GULLION	Cole Information
	SHERWIN WILLIAMS ARCH & IMAGES	Cole Information
	SHERWIN WILLIAMS	Cole Information
	SHERWIN WILLIAMS CO	Cole Information
1995	SHERWIN WILLIAMS CO	Cole Information
1992	SHERWIN WILLIAMS CO	Cole Information
	WHITEKER DISTBN	Cole Information

3020 N HESPERIAN ST

Year	Uses	Source
2010	SYMBOLIC WHEELS	Cole Information
1992	TECHSCIENCE INTL	Cole Information

3022 N HESPERIAN ST

Year	Uses	Source
2020	XL FIRE PROTECTION CO	EDR Digital Archive
	MIKE DIAMOND PLUMBING HEATING	EDR Digital Archive
	GEORGE BRAZIL SVC	EDR Digital Archive
	FOUNTAIN VALLEY	EDR Digital Archive
	HUNTINGTON BEACH PLUMBING HTG	EDR Digital Archive
2014	XL FIRE PROTECTION	Cole Information
2010	X L FIRE PROTECTION CO	Cole Information
	FOUNTAIN VALLEY	Cole Information
	GEORGE BRAZIL SVC	Cole Information
	HUNTINGTON BEACH PLUMBING HTG	Cole Information
	BRAZIL GEORGE KITCHENS	Cole Information
	MIKE DIAMOND PLUMBINGHEATING	Cole Information
2005	XL FIRE PROTECTION CO	Cole Information
	MIKE DIAMOND PLUMBING INC	Cole Information
	ORANGE COUNTY SERVICES INC	Cole Information
1995	GEORGE BRAZIL ELECTRICAL SVC	Cole Information

Year	Uses	Source
1995	GEORGE BRAZIL AIR COND & HTG	Cole Information
	GEORGE BRAZIL PLUMBING HEATING	Cole Information
	LEGAL SUPPORT SVC	Cole Information
	ALL AMERICAN PLUMBING HEATING	Cole Information
	POWA ROOTER SEWER & DRAIN SVC	Cole Information
	GEORGE BRAZIL PLBG HTG & AC	Cole Information
	TOZAI INC	Cole Information
1992	HUNTGTN BCH PLMBG	Cole Information
	GEO BRAZIL ELECTRIC	Cole Information
	BRAZIL GEO KITCHENS	Cole Information
	BROKERS WEST	Cole Information
	ALL AMER PLMBG HTNG	Cole Information
	UNIQUE KTCHN&BATHS	Cole Information
	LEGAL SUPPORT SERV	Cole Information
	A AABATS PLMBG HTNG	Cole Information
	COAST ATTORNEY SERV	Cole Information

3030 N HESPERIAN ST

Year	Uses	Source
2014	COUNTY OF ORANGE	Cole Information
	TCG	Cole Information
2010	ORANGE COUNTY PROBATION DEPT	Cole Information
	YOUTH GUIDANCE CTR	Cole Information
2005	ORANGE COUNTY DEPARTMENT OF EDUCATIO	Cole Information
	ORANGE COUNTY PROBATAION	Cole Information

N HESPERIAN WAY ST

2941 N HESPERIAN WAY ST

Year	Uses	Source
2014	DISCOUNT MOVERS	Cole Information

FINDINGS

PARK BALBOA AVE

3435 PARK BALBOA AVE

Year	Uses	Source
1991	Feeley Phyllis	Pacific Bell
1986	Feeley Phyllis	Pacific Bell

3437 PARK BALBOA AVE

Year	Uses	Source
1980	Cutsinger Roy	Pacific Telephone

3439 PARK BALBOA AVE

Year	Uses	Source
1980	Gazzaz Mohamed Dr	Pacific Telephone

3443 PARK BALBOA AVE

Year	Uses	Source
1991	Plambeck Daniel	Pacific Bell
	Radosta Dominc J	Pacific Bell
1986	Buschman Bryant	Pacific Bell

3445 PARK BALBOA AVE

Year	Uses	Source
1991	Kolar Tom & Bill	Pacific Bell

3447 PARK BALBOA AVE

Year	Uses	Source
1995	Kazen Ian Murad	Pacific Bell
	Karzn Ian Murad	Pacific Bell
	Kazan Ian Murad	Pacific Bell

3449 PARK BALBOA AVE

Year	Uses	Source
1986	Kyles Gaby O	Pacific Bell

3507 PARK BALBOA AVE

Year	Uses	Source
1991	Cotalydia M	Pacific Bell

FINDINGS

Year	Uses	Source
1991	Cola M	Pacific Bell
1986	Gross John J	Pacific Bell
	Sutton David S	Pacific Bell
1980	Jones Jamie E	Pacific Telephone

3509 PARK BALBOA AVE

Year	Uses	Source
1995	Zimmerman Raymond G	Pacific Bell
1986	Advanced Testing Of CaSew er & Water Mains	Pacific Bell

3513 PARK BALBOA AVE

Year	Uses	Source
1986	Pon Heena D	Pacific Bell

3525 PARK BALBOA AVE

Year	Uses	Source
1980	L Roberts Earl & Sandy	Pacific Telephone

3529 PARK BALBOA AVE

Year	Uses	Source
1986	Golden C	Pacific Bell

3532 PARK BALBOA AVE

Year	Uses	Source
1980	OLeary Michael F	Pacific Telephone
	OLeary Michael K	Pacific Telephone

3536 PARK BALBOA AVE

Year	Uses	Source
1995	Nguyen Minh T	Pacific Bell
1986	Penn Jos W Sr	Pacific Bell
1980	Penn Jos W Sr	Pacific Telephone

3540 PARK BALBOA AVE

Year	Uses	Source
1991	Nguyenfien	Pacific Bell

FINDINGS

Year	Uses	Source
1986	Betts Dale	Pacific Bell
1980	Penn Jos W Jr	Pacific Telephone

3546 PARK BALBOA AVE

Year	Uses	Source
1986	Michaels Warren	Pacific Bell

3547 PARK BALBOA AVE

Year	Uses	Source
1995	Stanley Gil M	Pacific Bell
1991	Stanley Homer M Jr	Pacific Bell
1986	Blake Donald	Pacific Bell
1980	Summers C	Pacific Telephone

3600 PARK BALBOA AVE

Year	Uses	Source
1986	Rogers Auto Electric	Pacific Bell
1980	Keating Kevin	Pacific Telephone

3603 PARK BALBOA AVE

Year	Uses	Source
1995	Roberts Lora	Pacific Bell

3607 PARK BALBOA AVE

Year	Uses	Source
1986	Daigle J	Pacific Bell

3614 PARK BALBOA AVE

Year	Uses	Source
1986	Ings L	Pacific Bell

3615 PARK BALBOA AVE

Year	Uses	Source
1991	Macfarlane Scott	Pacific Bell

FINDINGS

3618 PARK BALBOA AVE

Year	Uses	Source
1995	Robles Alfonso	Pacific Bell

3621 PARK BALBOA AVE

Year	Uses	Source
1991	Sullivan Thos C	Pacific Bell
1986	Sullvan Thos C	Pacific Bell

3624 PARK BALBOA AVE

Year	Uses	Source
1991	Mc Gaha Dan	Pacific Bell
1986	Hams Patricia F	Pacific Bell

3625 PARK BALBOA AVE

Year	Uses	Source
1995	Brow n S	Pacific Bell
1991	Brow n S	Pacific Bell
1980	Reese H A	Pacific Telephone

3628 PARK BALBOA AVE

Year	Uses	Source
1991	Benjamin Leslie	Pacific Bell

3629 PARK BALBOA AVE

Year	Uses	Source
1991	Villamor Jaime V	Pacific Bell

3632 PARK BALBOA AVE

Year	Uses	Source
1991	Wheeler Ron	Pacific Bell
1980	Wheeler Ron	Pacific Telephone

3633 PARK BALBOA AVE

Year	Uses	Source
1991	Oglesby Gail	Pacific Bell
1986	Loftis James R	Pacific Bell

FINDINGS

3643 PARK BALBOA AVE

Year	Uses	Source
1995	Coonen Gary Patrick	Pacific Bell
1991	Counoupas Peter	Pacific Bell
1986	Koch Scott J	Pacific Bell
1980	Koch Scott J	Pacific Telephone

3647 PARK BALBOA AVE

Year	Uses	Source
1986	Auffarth Lance R	Pacific Bell
	Johnson Pam K	Pacific Bell
1980	Kindred Eddie Jr	Pacific Telephone

S THE CITY DR

330 S THE CITY DR

Year	Uses	Source
2020	KRISPY KREME DOUGHNUTS	EDR Digital Archive

341 S THE CITY DR

Year	Uses	Source
2020	DISTRICT ATTORNEY	EDR Digital Archive
	ORANGE COUNTY SUPERIOR COURT	EDR Digital Archive
	FAMILY LAW SECTION OF OCBA	EDR Digital Archive
	ORANGE COUNTY PROBATE	EDR Digital Archive
	COUNTY SHERIFF	EDR Digital Archive
	VICTIM-WITNESS ASSISTANCE	EDR Digital Archive
	ORANGE COUNTY PUBLIC DEFENDER	EDR Digital Archive

401 S THE CITY DR

Year	Uses	Source
2020	ORANGEWOOD CHILDREN'S HOME	EDR Digital Archive
	JEDRZEJEWSKI MEAGHAN	EDR Digital Archive
	SOCIAL SERVICES AGENCY	EDR Digital Archive
	BORJORQUEZ ANN MARIE	EDR Digital Archive
	ORANGE COUNTY CHILD ABUSE SVC	EDR Digital Archive

Year	Uses	Source
2020	TOGNO FATIMA N RN	EDR Digital Archive

431 S THE CITY DR

Year	Uses	Source
2020	CNTY RESCH SHERIFF OFFICE	EDR Digital Archive

450 S THE CITY DR

Year	Uses	Source
2020	CARL'S JR	EDR Digital Archive

460 S THE CITY DR

Year	Uses	Source
2020	BJ'S RESTAURANT & BREWHOUSE	EDR Digital Archive

501 S THE CITY DR

Year	Uses	Source
2020	ORANGE COUNTY JAIL-RECORDS	EDR Digital Archive
	CORRECTIONAL MENTAL HEALTH	EDR Digital Archive
	BOUCHER ELIZA L RN	EDR Digital Archive
	THEO LACY FACILITY	EDR Digital Archive
	ACITO DANIELLE C	EDR Digital Archive

510 S THE CITY DR

Year	Uses	Source
2020	UNISIGNALS	EDR Digital Archive

625 S THE CITY DR

Year	Uses	Source
2020	FISCHER ROBERT D LAW OFFICES	EDR Digital Archive
	KADOTANI CHERI ATY	EDR Digital Archive
	LAW OFFICE OF KEVIN L QUALLS	EDR Digital Archive
	3B N HOLDINGS LLC	EDR Digital Archive
	DAVERT & LOE LAWYERS	EDR Digital Archive
	FAULKNER POST LAW FIRM	EDR Digital Archive
	ELIXA E VAPOR PARTNERS LLC	EDR Digital Archive
	CBD STIIX	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	KT CBD LLC	EDR Digital Archive
	BOQUU LLC	EDR Digital Archive
	KELLY SERVICES	EDR Digital Archive
	STERLING HOMEX INC	EDR Digital Archive
	RANDOLPH K DRIGGS LAW OFFICES	EDR Digital Archive
	SHARP LOAN	EDR Digital Archive
	JODIE P FILKINS LAW OFFICES	EDR Digital Archive
	DIVORCE MEDIATION	EDR Digital Archive
	BETTINA YANEZ AUTHOR AT TOP	EDR Digital Archive
	SULLIVAN GERALD J & ASSOC INC	EDR Digital Archive
	PSOMAS	EDR Digital Archive
	O'CONNELL DENNIS P ATY	EDR Digital Archive
	CALIFORNIA REHAB SPECIALISTS	EDR Digital Archive
	TLP FUNDING	EDR Digital Archive
	A CENTER FOR CHILD & FAMILY LW	EDR Digital Archive
	AUTISM SPECTRUM THERAPIES INC	EDR Digital Archive
	COVERALL OF ORANGE COUNTY	EDR Digital Archive
	LOUIE & STETTLER	EDR Digital Archive
	CONSOLIDATED DESIGN WEST INC	EDR Digital Archive
	JOHN OH LAW OFFICES	EDR Digital Archive
	GRACE UPON GRACE INC	EDR Digital Archive
	KANG OH APC	EDR Digital Archive
	2587 OTAY CTR LLC	EDR Digital Archive
	H D HOLDINGS	EDR Digital Archive
	PATRICK A MCCALL	EDR Digital Archive
	MENKE & MENKE LLP	EDR Digital Archive
	LANAK & HANNA	EDR Digital Archive
	QEP HQ LLC	EDR Digital Archive
	SUNRISE PROPERTY LLC	EDR Digital Archive
	JAXON CAPITAL LLC	EDR Digital Archive
	ORANGE COUNTY FAMILY LAW OFC	EDR Digital Archive
	FAMILY LAW OFFICES OF YANEZ	EDR Digital Archive

Year	Uses	Source
2020	ATKINS	EDR Digital Archive
	WCH LAW GROUP	EDR Digital Archive
	NEWPORT MEDICAL SOLUTIONS LLC	EDR Digital Archive
	TNT LENDING INC	EDR Digital Archive
	WESTBOUND COMMUNICATIONS	EDR Digital Archive
	AMERICAN CONTRACTORS INDEMNITY	EDR Digital Archive
	TOKIO MARINE HCC SURETY GROUP	EDR Digital Archive
	UNISOURCE DISCOVERY LLC	EDR Digital Archive
	ON A MISSION	EDR Digital Archive
	SOUTHERN CA CLAIMS ASSN	EDR Digital Archive
	FINANCIAL MANAGEMENT SPCLST	EDR Digital Archive
	STRATEGIC ALLIANCE INC	EDR Digital Archive
	EVEREST SALES & SOLUTIONS	EDR Digital Archive
	WESTERN RESOURCES TITLE	EDR Digital Archive
	OCEAN GARDEN PRODUCTS INC	EDR Digital Archive
	BENDER CARA ATY	EDR Digital Archive
	PREMIER HEALTHCARE SVC	EDR Digital Archive
	A M WAX	EDR Digital Archive
	PAYDAY PAYROLL SVC	EDR Digital Archive
	RED GORILLA TOO LLC	EDR Digital Archive
	BARB CHARLES ATY	EDR Digital Archive

SAWGRASS DR

2888 SAWGRASS DR

Year	Uses	Source
2020	PRO-NETWORKS INC	EDR Digital Archive

THE CITY

625 THE CITY

Year	Uses	Source
1995	BDO Seidman	Pacific Bell
	Bankruptcy Preparation Services	Pacific Bell
	BLUE SHIELD OF CALIFORNIA Contd	Pacific Bell

Year	Uses	Source
1995	BLUE SHIELD OF CALIFORNIA Contd	Pacific Bell
	BLUE SHIELD OF CALIFORNIA Contd	Pacific Bell
	BLUE SHIELD OF CALIFORNIA Contd	Pacific Bell
	BLUE SHIELD OF CALIFORNIA Contd	Pacific Bell
	BLUE SHIELD OF CALIFORNIA Contd	Pacific Bell
	BLUE SHIELD OF CALIFORNIA Contd	Pacific Bell
	BLUE SHIELD OF CALIFORNIA Contd	Pacific Bell
	BLUE SHIELD OF CALIFORNIA Contd	Pacific Bell
	BLUE SHIELD OF CALIFORNIA Contd	Pacific Bell
	Hansen Ralph Latty	Pacific Bell

THE CITY DR

341 THE CITY DR

Year	Uses	Source
1995	Orango	Pacific Bell
	Victim Witness Assistance Program	Pacific Bell

361 THE CITY DR

Year	Uses	Source
1980	ALBE RT S ITTON HOME	Pacific Telephone
	Albert Sitton Home	Pacific Telephone

401 THE CITY DR

Year	Uses	Source
1991	Orangew ood Childrens Home	Pacific Bell
1986	Orangew ood The Elliott Group	Pacific Bell
1980	Development Center Greeley	Pacific Telephone

430 THE CITY DR

Year	Uses	Source
1980	tytir Development Co	Pacific Telephone

431 THE CITY DR

Year	Uses	Source
1986	Outreach Program S LS Bookmobile	Pacific Bell

Year	Uses	Source
1980	Library Services Admin	Pacific Telephone
	Santiago Library System	Pacific Telephone
	Administrative Offices	Pacific Telephone
	Bookmobile Extension Services	Pacific Telephone
	Outreach Program S LS Bookmobile	Pacific Telephone

440 THE CITY DR

Year	Uses	Source
1980	Bank Of America Tow er Sulte	Pacific Telephone
	Leaslin Oflico	Pacific Telephone
	Thie City Executive Ofices	Pacific Telephone
	The City Shopping Centre	Pacific Telephone
	Tishman Orange Corp	Pacific Telephone

481 THE CITY DR

Year	Uses	Source
1980	Communications	Pacific Telephone

591 THE CITY DR

Year	Uses	Source
1991	Jerrys Union Service Station	Pacific Bell
	JONES JERRY UNION SERVICE STATION	Pacific Bell
	JONES UNOCAL	Pacific Bell
1980	Jerrys Union Service Station	Pacific Telephone
	JE RRY JON E S UN ION S E RVICE S TATION	Pacific Telephone
	Jerry Koellisch Carpet &	Pacific Telephone

595 THE CITY DR

Year	Uses	Source
1995	Allied Portfolio Research	Pacific Bell
	HQ Hair Replacement Center	Pacific Bell
	Justice Rovin Legal Clinic	Pacific Bell
	Mc Namara Eileen Law Offices Of	Pacific Bell
	Rovin Justice L Attorney At Law	Pacific Bell

Year	Uses	Source
1991	Autoland Inc	Pacific Bell
	Brighton Hill Syndicate	Pacific Bell
	Franklin Thrift & Loan	Pacific Bell
	HQ Hair Replacement Center	Pacific Bell
	Innovative Ideas In Print	Pacific Bell
	Vector Cutco Marketing	Pacific Bell
1986	County Escrow	Pacific Bell
	Data Images	Pacific Bell
	Major Pacific Realty	Pacific Bell
1980	Real Estate Illustrated	Pacific Telephone

625 THE CITY DR

Year	Uses	Source
1995	Accounting Computer Technologies Inc	Pacific Bell
	Accredited Rehabilitation Consultants	Pacific Bell
	Aliberti Joseph atty	Pacific Bell
	American Multiline Corp	Pacific Bell
	BDO Seidman	Pacific Bell
	Bankruptcy Preparation Services	Pacific Bell
	Barb Charles D Attorney At Law	Pacific Bell
	Baskett Mark Law Offices Of	Pacific Bell
	Sales	Pacific Bell
	BLUE SHIELD OF CALIFORNIA Contd	Pacific Bell
	Blue Shield Of California Orange Sales Office	Pacific Bell
	Borden Foods Div Of Borden Inc	Pacific Bell
	Borden Pasta Group	Pacific Bell
	Brooks Wilfred Attorney At Law	Pacific Bell
	Campos & Stratis	Pacific Bell
	Career Options	Pacific Bell
	Claims Overload Systems	Pacific Bell
	Design For Travel	Pacific Bell
	Divorce Preparation Services	Pacific Bell
	Fair Kenneth D Attorney At Law	Pacific Bell

FINDINGS

Year	Uses	Source
1995	Fibronics International Inc	Pacific Bell
	Flea Insurance Services	Pacific Bell
	Finley Kirk H atty at law	Pacific Bell
	Garrity Chas aty	Pacific Bell
	Gikey Gayle M Atty At Law	Pacific Bell
	Gilmour Pamela Gatty at law	Pacific Bell
	Gokoo Robert J Law Office Of	Pacific Bell
	Goodman Stephen M Attorney At Law	Pacific Bell
	Grier Sharon L atty	Pacific Bell
	Hansen Ralph Latty	Pacific Bell
	Haw ker Energy Products	Pacific Bell
	Hyun Theresa Law Offices Of	Pacific Bell
	James Jones R Attorney At Law	Pacific Bell
	Jones James R Attorney	Pacific Bell
	Jorgensen Katherlne W Attorney	Pacific Bell
	KW Insurance Services Inc	Pacific Bell
	Kaye Kotts & Associates	Pacific Bell
	Law Robt E atty	Pacific Bell
	Luna And Brow nw ood	Pacific Bell
	Mc Aneny Redmond P The Law Office Of	Pacific Bell
	Mc Dermed Clark E atty	Pacific Bell
	Mc Dermed & Monroe attys	Pacific Bell
	Mc Gill John G Jr atty	Pacific Bell
	Mc Kittrick Leon R Atty	Pacific Bell
	Milbarl nvestment	Pacific Bell
	Monroe William M attlly	Pacific Bell
	National Bank Of Southern California New port Beach	Pacific Bell
	Orange Regional Office	Pacific Bell
	Nationw ide Estate Planning Systems Inc	Pacific Bell
	NORWEST MORTGAGE INC	Pacific Bell
	Norw est Mortgage Inc	Pacific Bell
	Palmer Marianne C atty	Pacific Bell

FINDINGS

Year	*Uses*	*Source*
1995	Phillips Carl atty	Pacific Bell
	Pinchiff Edw ard C Attorney At Law	Pacific Bell
	Quest Financial Data Services	Pacific Bell
	Rancho Vista National Bank	Pacific Bell
	Ringler Associates	Pacific Bell
	Saddleback Financial	Pacific Bell
	Saylln Brian G Atty At Law	Pacific Bell
	Siemens Components Inc	Pacific Bell
	State Funding	Pacific Bell
	STEWART STEPHEN C atty	Pacific Bell
	T & C Enterprises	Pacific Bell
	Trademark Ins	Pacific Bell
	Tukua Jule C atty	Pacific Bell
	Van Tatenhove Dirk attorney at law	Pacific Bell
	Volume Shoe Corp	Pacific Bell
	Wakely Kerry	Pacific Bell
	Walden A F Insurance & Financial	Pacific Bell
	West Nina E atty	Pacific Bell
1991	Accredited Rehabilitation Consultants	Pacific Bell
	From Norw alk Telephones Call	Pacific Bell
	BDR	Pacific Bell
	Barb Charles D Attorney At Law	Pacific Bell
	Bierly & Associates	Pacific Bell
	Billing Information Group Plans Individual Plans Employment Medicare Part B Claims Information Provider Services Sales	Pacific Bell
	Brooks Wilfred Attorney At Law	Pacific Bell
	Cabrillo Counseling Medical Group	Pacific Bell
	De Santis James J Ph D	Pacific Bell
	Financial Service Resources Inc	Pacific Bell
	Goodman Stephen atty	Pacific Bell
	Goodman Stephen E @Fountain Valley@	Pacific Bell
	Green Carolyn F atty	Pacific Bell

FINDINGS

Year	*Uses*	*Source*
1991	Greenberg Fred A atty	Pacific Bell
	Health Management Center Inc	Pacific Bell
	Health Management Resources	Pacific Bell
	Health Net	Pacific Bell
	HUGHES J MICHAEL atty at law	Pacific Bell
	Laura Scudders Inc	Pacific Bell
	M G Industries Inc	Pacific Bell
	Mead Johnson	Pacific Bell
	Mead Johnson	Pacific Bell
	Mead Johnson Pharmaceutical Division	Pacific Bell
	MHbar Investment	Pacific Bell
	Motet Grigoras Cristiana N MD	Pacific Bell
	Orange Regional Office	Pacific Bell
	Railsback Jon D atty	Pacific Bell
	Realty World Orange County Regional Headquarters	Pacific Bell
	Realty World License School	Pacific Bell
	Realty World Of Southern California	Pacific Bell
	Royce Company The	Pacific Bell
	Saddleback Financial Services	Pacific Bell
	Components Inc	Pacific Bell
	Silicon Compiler Systems	Pacific Bell
	Simgh KSean any	Pacific Bell
	Singh Kanw a BJ	Pacific Bell
	Sosna Marilyn MD	Pacific Bell
	Trammel Crow Company	Pacific Bell
	Tukua Jute C atty	Pacific Bell
	Volume Shoe Corp	Pacific Bell
	West Nina E atty	Pacific Bell
	Wilshire Group Inc	Pacific Bell
1986	Blue Shield Of Calif	Pacific Bell
	City Center Office Buildings	Pacific Bell
	Loan Office	Pacific Bell

Year	Uses	Source
1986	Oliver J Scott Jr CPA	Pacific Bell
	Real Estate License School	Pacific Bell
	Realty World Orange County Regional Headquarters	Pacific Bell
	Real Estate License School	Pacific Bell
	Realty World License School	Pacific Bell
	Realty World Of Southern California	Pacific Bell
	Simandl Thomas C CPA	Pacific Bell
	Major Pacific Mortgage Corporation	Pacific Bell

THE CITY DR S

330 THE CITY DR S

Year	Uses	Source
2014	KRISPY KREME DOUGHNUTS	Cole Information
2010	KRISPY KREME DOUGHNUTS	Cole Information

341 THE CITY DR S

Year	Uses	Source
2014	COUNTY OF ORANGE	Cole Information
	JUVENILE DEFENDERS	Cole Information
	VICTIM WITNESS ASSISTANCE PROGRAM	Cole Information
	FAMILY LAW SECTION OF OCBA	Cole Information
2010	JUVENILE COURT	Cole Information
	ORANGE COUNTY FAMILY LAW	Cole Information
	ORANGE COUNTY VICTIM WITNESS	Cole Information
	JUVENILE JUSTICE COMMISSION	Cole Information
	LAMOREAUX JUSTICE CTR	Cole Information
	ORANGE COUNTY MENTAL HEALTH	Cole Information
	ORANGE COUNTY PROBATE	Cole Information
	COUNTY SHERIFF	Cole Information
	VICTIMWITNESS ASSISTANCE	Cole Information
	ORANGE COUNTY PUBLIC DEFENDER	Cole Information
	JUVENILE TRAFFIC COURT	Cole Information
	ORANGE COUNTY JUVENILE COURT	Cole Information

Year	Uses	Source
2010	ORANGE COUNTY SUPERIOR COURT	Cole Information
2005	MISS KELLYS	Cole Information
	MISS KELLYS CAFE	Cole Information
	ORANGE COUNTY OF VICTIM	Cole Information
	LAMOREAUX JUSTICE CENTER	Cole Information
	ORANGE COUNTY DISTRICT ATTORNEY	Cole Information
	VICTIM WITNESS ASSN DOMESTIC VIOLENC	Cole Information
	ORANGE COUNTY PUBLIC DEFENDER	Cole Information
1995	ORANGE COUNTY PUBLIC DEFENDER	Cole Information

347 THE CITY DR S

Year	Uses	Source
1992	NEWBERG GUST CONSTR	Cole Information

401 THE CITY DR S

Year	Uses	Source
2014	COUNTY OF ORANGE	Cole Information
2010	ORANGEWOOD CHILDRENS HOME	Cole Information
	ORANGE COUNTY CHILD ABUSE SVC	Cole Information
2005	ORANGEWOOD CHILDS HOME	Cole Information
1992	ORANGEWOOD CHLD HM	Cole Information

431 THE CITY DR S

Year	Uses	Source
2005	COUNTY OF ORANGE SHERIFF CORONER DEP	Cole Information
	ORANGE COUNTY SHERIFFS DEPARTMENT	Cole Information

450 THE CITY DR S

Year	Uses	Source
2014	CARLS JR	Cole Information
2010	CARLS JR	Cole Information
2005	CARLS JR RESTAURANT 4	Cole Information

FINDINGS

460 THE CITY DR S

Year	Uses	Source
2014	BJS RESTAURANT & BREWHOUSE	Cole Information

501 THE CITY DR S

Year	Uses	Source
2014	TSR INC	Cole Information
	COUNTY OF ORANGE	Cole Information
	TCG PAYPHONE INC	Cole Information
	CHRIS BYRD	Cole Information
2010	CORRECTIONAL MENTAL HEALTH	Cole Information
	ORANGE COUNTY JAILRECORDS	Cole Information
2005	HDR ENGINEERING	Cole Information
	FISK ELECTRIC CORP	Cole Information
	CORRECTIONAL MENTAL HEALTH	Cole Information
	ORANGE COUNTY JAIL THEO LACEY	Cole Information
2000	ROSS STOVALL	Cole Information

505 THE CITY DR S

Year	Uses	Source
2000	WILLARD HILLS	Cole Information
	RONALD GALAN	Cole Information
	SHARON HANSON	Cole Information

525 THE CITY DR S

Year	Uses	Source
2014	ABOUT TIME BAIL BONDS	Cole Information

591 THE CITY DR S

Year	Uses	Source
1995	JONES UNOCAL	Cole Information
1992	JERRYS UNION SVC	Cole Information

595 THE CITY DR S

Year	Uses	Source
2010	EILEEN MC NAMARA LAW OFFICES	Cole Information

FINDINGS

Year	Uses	Source
2010	VOYAGER INSURANCE SVC	Cole Information
2005	UNITED FATHERS OF AMERICA INC	Cole Information
	MCNAMARA EILEEN LAW OFFICES OF	Cole Information
	WE THE PEOPLE FORMS & SERVICE CENTER	Cole Information
	BONDING CO	Cole Information
	BONDING COM	Cole Information
	ADLITTLE RED TRUCK LLC	Cole Information
	KAUFMAN AGENCY BAIL CIVIL SRT	Cole Information
	KIDS NEED FAMILY	Cole Information
	MCKEON MERRITT L ESQ	Cole Information
	MERRITT MCKEON	Cole Information
1995	ROVIN JUSTICE LEGAL CLINIC	Cole Information
	UNITED FATHERS ORGANIZATION	Cole Information
	FRANKLIN THRIFT & LOAN	Cole Information
	H Q HAIR REPLACEMENT CTR	Cole Information
	EILEEN MC NAMARA LAW OFFICES	Cole Information
1992	VECTRO MARKETING	Cole Information
	H Q HAIR RPLCMNT CT	Cole Information
	BRIGHTON HL SYNDCTE	Cole Information
	FRANKLIN THRIFT&LN	Cole Information
	AUTOLAND INC	Cole Information

600 THE CITY DR S

Year	Uses	Source
2000	MARTIN SHEPARD	Cole Information
	DENNIS MURPHY	Cole Information

625 THE CITY DR S

Year	Uses	Source
2014	CO SALES CO	Cole Information
	KADOTANI CHERI ATTY AT LAW	Cole Information
	HCC SURETY GROUP	Cole Information
	PRIDE BUSINESS CENTER LLC	Cole Information

FINDINGS

Year	Uses	Source
2014	ATKINS	Cole Information
	LASIK VISION INSTITUTE	Cole Information
	KELLY SCIENTIFIC RESOURCES	Cole Information
	BARB CHARLES	Cole Information
	BENDER CARA ATTY	Cole Information
	GRIFFIN FINANCIAL LLC	Cole Information
	PRICE DAVID L	Cole Information
	TABUCCHI CELINDA ATTY	Cole Information
	TELEPACIFIC COMMUNICATIONS	Cole Information
	COVERALL	Cole Information
	KIM KANG & OH APC	Cole Information
	VANESSA ALVAREZ DBA TNT LENDING INC	Cole Information
	PAYDAY PAYROLL SERVICE	Cole Information
	YORK JOHN K ATTY	Cole Information
	DRIGGS RANDOLPH K ATTY AT LAW	Cole Information
	COVERALL OF ORANGE COUNTY	Cole Information
	SAYLIN BRIAN G ATTY AT LAW	Cole Information
	OCONNELL DENNIS P ATTY	Cole Information
	INTERNATIONAL MANAGEMENT	Cole Information
	LAW OFFICE OF ALEXANDER D BREWSAUGH	Cole Information
	KELLY SERVICES	Cole Information
	FAMILY LAW OFICES OF YANEZ	Cole Information
	FILKINS JODIE P LAW OFFICES OF	Cole Information
	WESTBOUND COMMUNICATIONS	Cole Information
	WESTERN RESOURCES TITLE	Cole Information
	GRIER SHARON L ATTY	Cole Information
	LANAK & HANNA ATTORNEYS	Cole Information
	QUALLS KEVIN L LAW OFFICES OF ATTY	Cole Information
	ROBERT D FISCHER LAW OFFICE	Cole Information
	THE LAW OFFICES OF DONALD A HUNSBERG	Cole Information
	TRANSWESTERN PROPERTY CO	Cole Information

FINDINGS

Year	Uses	Source
2014	GILBERT IRENE CASSON ATTY	Cole Information
	LANAK & HANNA PC	Cole Information
	RGL FORENSICS	Cole Information
	MARSHA HIVELY	Cole Information
	DENNIS OCONNELL	Cole Information
	RICHARD GRIER	Cole Information
	KANG KIM	Cole Information
	CARA BENDER	Cole Information
	IRENE GILBERT	Cole Information
2010	BORDEN FOODS INC	Cole Information
	HCC SURETY GROUP	Cole Information
	A F WALDEN INS & FINANCIAL	Cole Information
	WESTERN RESOURCES TITLE	Cole Information
	CAMDEN MORTGAGE	Cole Information
	MORTGAGECLOSECOM INC	Cole Information
	SHARON L GRIER LAW OFFICE	Cole Information
	TLP FUNDING	Cole Information
	PAYDAY PAYROLL SVC	Cole Information
	BENDER CARA	Cole Information
	GENESIS MEDICAL EDU CONSLNT	Cole Information
	IRENE CASSON GILBERT LAW OFC	Cole Information
	DONALD HUNSBERGER LAW OFFICE	Cole Information
	CASSON GILBERT IRENE	Cole Information
	STRATEGIC FINANCIAL ALLIANCE	Cole Information
	INTERNET SETTLEMENT CORP	Cole Information
	DIRK VAN TATENHOVE LAW OFFICES	Cole Information
	FIRST SOUTHWESTERN TITLE CO	Cole Information
	TRANSWESTERN PROPERTY CO	Cole Information
	RGI	Cole Information
	J C FINANCIAL INC	Cole Information
	EVEREST SALES & SOLUTIONS	Cole Information
	KELLY HEALTHCARE RESOURCES	Cole Information

FINDINGS

Year	Uses	Source
2010	RESEARCH CENTER	Cole Information
	PBS & J CORP	Cole Information
	BARB CHARLES D	Cole Information
	AIM CAPITAL INC	Cole Information
	JOHN CASABLANCAS MODELING	Cole Information
	SUSAN M GORELICK LAW OFFICES	Cole Information
	STRATEGIC FINANCIAL ALLIANCE	Cole Information
	ANN CARR & ASSOC	Cole Information
	WESTBOUND COMMUNICATIONS	Cole Information
	AMERICAN CONTRACTORS INDEMNITY	Cole Information
	WORLD GROUP SECURITIES INC	Cole Information
	RANDOLPH K DRIGGS LAW OFFICES	Cole Information
	JOHN OH LAW OFFICES	Cole Information
	KELLY SERVICES	Cole Information
	PAUL T VARIN LAW OFFICE	Cole Information
	JAMES K BACHELOR INC	Cole Information
	COVERALL OF ORANGE COUNTY	Cole Information
	TELE PACIFIC COMMUNICATIONS	Cole Information
	RGL INC	Cole Information
	PERFORMANCE DEVELOPMENT INC	Cole Information
2005	HCC SURETY GROUP	Cole Information
	BARB CHARLES D ATTORNEY	Cole Information
	PAYLESS SHOESOURCE INC	Cole Information
	RGL GALLAGHER LLP	Cole Information
	CALIFORNIA PHYSICIANS SERVICE	Cole Information
	ANN CARR & ASSOCIATES	Cole Information
	BERINGER AND ASSOCIATES	Cole Information
	LAW OFFICES MICHAEL J SHELDON	Cole Information
	KELLY SCIENTIFIC RESOURCES	Cole Information
	AMERICAN CONTRACTORS INDEMNITY CO	Cole Information
	HERZFELD & RUBIN LLP	Cole Information
	GOGRAND MANAGEMENT CO	Cole Information

FINDINGS

Year	Uses	Source
2005	PAUL VARIN	Cole Information
	G J SULLIVAN CO INSURANCE SERVICES	Cole Information
	MCGILL JOHN G JR	Cole Information
	RIGHT LOAN	Cole Information
	TRANSWESTERN PROPERTY CO	Cole Information
	TELEPACIFIC COMMUNICATIONS	Cole Information
	GJ SULLIVAN CO	Cole Information
	EVEREST SALES & SOLUTIONS INC	Cole Information
	RMAC PROPERTIES	Cole Information
	EL DORADO RANCH	Cole Information
	Q4 LOGISTICS	Cole Information
	PERFORMANCE DEVELOPMENT INC	Cole Information
	AMERICA SUN FINANCIAL / RATE WATCH	Cole Information
	KELLY FINANCIAL RESOURCES	Cole Information
	GREENBERG FRED A LAW OFFICES	Cole Information
	PRINCIPAL DECISIONS SYSTEMS INTERNAT	Cole Information
	DRIGGS RANDOLPH K ESQ	Cole Information
	NATIONS BEST MORTGAGE	Cole Information
	FINANCIAL LLC	Cole Information
	WORLD GROUP SECURITIES INC	Cole Information
	LAW OFFICES OF BRAULT DAVID L	Cole Information
	A ATTORNEY HOTLINE	Cole Information
	PDI	Cole Information
	STRACHAN JAMES ESQ	Cole Information
	SULLIVAN G J CO EXCESS & SURPLUS LI	Cole Information
	SOLEDAD INC	Cole Information
	ACCURATE MOBILE NOTARY INC	Cole Information
	DARYL B THOMPSON	Cole Information
	SOUTH COAST MORTGAGE BANKERS	Cole Information
	DOLEX DOLLAR EXPRESS	Cole Information
	RICHARD GRIER	Cole Information
	A BARNABEI	Cole Information

FINDINGS

Year	Uses	Source
2005	SCOTT HANSSLER	Cole Information
	CAROLYN SILVA	Cole Information
2000	C MCCORMACK	Cole Information
	MARCO SOTO	Cole Information
	ELEANOR LOVY	Cole Information
	PETER TORNAY	Cole Information
	DAVID CREIGHTON	Cole Information
	CHARLES BARB	Cole Information
	A PAN	Cole Information
	JOHN MOORE	Cole Information
1995	WILFRED BROOKS ATTORNEY AT LAW	Cole Information
	JULE C TUKUA	Cole Information
	CHARLES D BARB	Cole Information
	BDO SEIDMAN	Cole Information
	BRIAN G SAYLIN	Cole Information
	FLEXIBLE PLANNING INSTITUTE	Cole Information
	SCOTT WETZEL SVC INC	Cole Information
	CAROLYN F GREEN	Cole Information
	WALTER D CHANNELS	Cole Information
	BORDIN INC	Cole Information
	JAMES JONES & ASSOC	Cole Information
	DIRK VAN TATENHOVE	Cole Information
	TRADEMARK INSURANCE	Cole Information
	WILFRED BROOKS LAW OFFICES	Cole Information
	NATIONAL BANK OF SOUTHERN CA	Cole Information
	FRED A GREENBERG	Cole Information
	KERRY WAKELY	Cole Information
	ACCREDITED REHABILITATION	Cole Information
	FRANK S SPINA	Cole Information
	AET	Cole Information
	CLAIMS OVERLOAD SYSTEMS	Cole Information
	TAYLOR ASSOC	Cole Information

FINDINGS

Year	Uses	Source
1995	CHARLES E BERGSTROM	Cole Information
	CABRILLO COUNSELING MEDICAL	Cole Information
	STATE FUNDING	Cole Information
	JAMES E STRACHAN LAW OFFICE	Cole Information
	J MICHAEL HUGHES	Cole Information
	CAMPOS & STRATIS	Cole Information
	STEPHEN M GOODMAN	Cole Information
	BRUCE J TAPPER PHD	Cole Information
	JON D RAILSBACK	Cole Information
	MURDOCH GROUP	Cole Information
	STEPHEN GOODMAN	Cole Information
	JOHN G MC GILL JR	Cole Information
	NINA E WEST	Cole Information
	SUSAN SAAR SKEEN PHD	Cole Information
	ANTHONY R ARNEST LAW OFFICE	Cole Information
	STEPHEN C STEWART	Cole Information
	JULIE L STOVALL	Cole Information
	ACCOUNTING COMPUTER TECHNOLOGY	Cole Information
	BORDEN FOODS	Cole Information
	CRISTIANA N MOTET GRIGORAS MD	Cole Information
	MARILYN SOSNA MD	Cole Information
	MILLARD C TROTT MD	Cole Information
	ROYCE CO	Cole Information
	LEON MC KITTRICK LAW OFFICES	Cole Information
	DESIGN FOR TRAVEL	Cole Information
	FICA INSURANCE SVC	Cole Information
	PAYLESS SHOE SOURCE	Cole Information
	ROBERT E LAW	Cole Information
	BERGEN BRUNSWIG CORP	Cole Information
	STRACHAN, JAMES E	Cole Information
	FAIR, KENNETH D	Cole Information
	CHANNELS, WALTER D	Cole Information

FINDINGS

Year	Uses	Source
1995	MCKITTRICK, LEON R	Cole Information
	MOTETGRIGORAS, CRISTIA N	Cole Information
	BROOKS, WILFRED	Cole Information
	JONES, JAMES R	Cole Information
	TAPPER, BRUCE J	Cole Information
	LANDRY, STOVALL J	Cole Information
	RAILSBACK, JON D	Cole Information
	ANDREWS, BARBARA	Cole Information
	PINCHIFF, EDWARD C	Cole Information
	SOSNA, MARILYN	Cole Information
	HUGHES, J M	Cole Information
	LANGSTON, J	Cole Information
	JOHNSON, JOHN A	Cole Information
	SAYLIN, BRIAN G	Cole Information
	SAARSKEEN, SUSAN	Cole Information
	PHILLPS, CARL	Cole Information
	BERGSTROM, CHARLES E	Cole Information
	TUKUA, JULE C	Cole Information
	RINGLER, ASSOCIE	Cole Information
	GILKEY, GAYLE M	Cole Information
	SHERIDAN, BRADLEY S	Cole Information
	LAURA, SCUDDER	Cole Information
	BARB, CHARLES D	Cole Information
	WEST, NINA E	Cole Information
	MCGILL, JOHN G JR	Cole Information
	WAKELY, KERRY	Cole Information
	PHILLIPS, CARL	Cole Information
	LAW, ROBERT E	Cole Information
	GARRITY, CHARLES	Cole Information
1992	SIEMENS COMPONENTS	Cole Information
	LUBER LUCIEN ASSOCS	Cole Information
	BERGSTROM CHAS ATTY	Cole Information

FINDINGS

Year	*Uses*	*Source*
1992	A S A P TOURS	Cole Information
	LAW ROBT E ATTY	Cole Information
	GREEN CAROLYN ATTY	Cole Information
	MCKITTRICK L R ATTY	Cole Information
	THORNTON HURD ATTY	Cole Information
	REALTY WORAL CALIF	Cole Information
	MEAD JOHNSON	Cole Information
	VALLA REBECCA S MD	Cole Information
	RAILSBACK JON ATTY	Cole Information
	FINANCL SV RESOURCE	Cole Information
	CAMPBELL ARDIS ATTY	Cole Information
	VOLUME SHOE CORP	Cole Information
	NATIONWDE ESTTE SYS	Cole Information
	WEST NINA E ATTY	Cole Information
	STEWART S C ATTY	Cole Information
	JAMES JONES&ASCTS	Cole Information
	MENTOR GRAPHICS	Cole Information
	STOVALL JULIE LCSW	Cole Information
	GOODMAN S ATTY	Cole Information
	NATL BK SO CA	Cole Information
	MILBAR INVESTMENT	Cole Information
	M G INDUSTRIES INC	Cole Information
	HUGHES J MICHL ATTY	Cole Information
	WILSHIRE GROUP INC	Cole Information
	LAURA SCUDDERS INC	Cole Information
	TUKUA JULE C ATTY	Cole Information
	B D O SEIDMAN	Cole Information
	ARNEST ANTHONY LAW	Cole Information
	SPINA FRANK S ATTY	Cole Information
	WALDEN A F INS&FNCL	Cole Information
	SINGH K SEAN ATTY	Cole Information
	TRADEMARK INS	Cole Information

FINDINGS

Year	Uses	Source
1992	CHANNELS W D ATTY	Cole Information
	BLUE SHIELD CA	Cole Information
	AMER MULTILINE CORP	Cole Information
	STRACHAN JAMES ATTY	Cole Information
	ROYCE COMPANY THE	Cole Information
	ACCREDITED CNSLTS	Cole Information
	DESIGN FOR TRAVEL	Cole Information
	SADDLBCK FNCL SERVS	Cole Information
	BROOKS WILFRED ATTY	Cole Information
	BARB CHARLES D ATTY	Cole Information
	ADAMS CORRINE ATTY	Cole Information
	DESANTIS, JAMES J	Cole Information
	LEE, JAMES L	Cole Information
	MEAD, JOHNSON	Cole Information

THE CITY DR S STE 400

625 THE CITY DR S STE 400

Year	Uses	Source
2020	BILL BUCKLEY	EDR Digital Archive

THE CLTY DR

630 THE CLTY DR

Year	Uses	Source
1980	JAM Associates	Pacific Telephone

W ENTERTAINMENT AVE

3339 W ENTERTAINMENT AVE

Year	Uses	Source
2020	YELLOW CAB	EDR Digital Archive
	TGI FRIDAY'S	EDR Digital Archive
2014	TGI FRIDAYS	Cole Information
	ANY TAXI	Cole Information
	ORANGE YELLOW CABMAIN DISPATCH	Cole Information

Year	Uses	Source
2010	YELLOW CAB	Cole Information
2005	FRIDAYS	Cole Information
	COAST YELLOW CAB COOPERATIVE	Cole Information

W METROPOLITAN DR

3400 W METROPOLITAN DR

Year	Uses	Source
1995	FIRESTONE TIRE & SVC CTR	Cole Information
1992	FIRESTONE TIRE CNTR	Cole Information

W PARK

3437 W PARK

Year	Uses	Source
2020	HEADSTRONG SOCIETY	EDR Digital Archive

W PARK BALBOA AVE

3433 W PARK BALBOA AVE

Year	Uses	Source
2020	CHARLA DARGATZ	EDR Digital Archive
	JACK LARSON	EDR Digital Archive
2014	JACK LARSON	Cole Information
2010	JACK LARSON	Cole Information
2005	JACK LARSON	Cole Information
1995	MCCONKEY, MICHAEL	Cole Information

3435 W PARK BALBOA AVE

Year	Uses	Source
2020	ERICA WALTERS	EDR Digital Archive
	KELLY KANAMOTO	EDR Digital Archive
	TETSU FUJII	EDR Digital Archive
2014	OSCAR CARIAGA	Cole Information
2010	ERICA WALTERS	Cole Information
2005	ELVIRA CARIAGA	Cole Information

Year	Uses	Source
1995	OCCUPANT UNKNOWNN	Cole Information
1992	FEELEY, PHYLLIS	Cole Information

3437 W PARK BALBOA AVE

Year	Uses	Source
2020	ANGELINE SANDERS	EDR Digital Archive
	COLIN SANDERS	EDR Digital Archive
	VANNA KONG	EDR Digital Archive
2014	COLIN SANDERS	Cole Information
2010	JOHN YOUNGER	Cole Information
2005	OCCUPANT UNKNOWN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3439 W PARK BALBOA AVE

Year	Uses	Source
2020	DAN HOANG	EDR Digital Archive
	KEVIN HOANG	EDR Digital Archive
2014	DAN HOANG	Cole Information
2010	DAN HOANG	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3440 W PARK BALBOA AVE

Year	Uses	Source
2020	THANH TRAN	EDR Digital Archive
	LYSIA MCZIEL	EDR Digital Archive
	JANA BELL	EDR Digital Archive
2014	THANH TRAN	Cole Information
2010	THANH TRAN	Cole Information
2005	THANH TRAN	Cole Information
1995	BELL, CHARLES	Cole Information

3441 W PARK BALBOA AVE

Year	Uses	Source
2020	OZZY TRENT	EDR Digital Archive
	SHANA SIMINGTON	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	DERRICK TRENT	EDR Digital Archive
2014	SHANA SIMINGTON	Cole Information
2010	SHANA SIMINGTON	Cole Information
2005	CHELSEA TRENT	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3443 W PARK BALBOA AVE

Year	Uses	Source
2020	DUY HO	EDR Digital Archive
	MYLENE NGUYEN	EDR Digital Archive
2014	JUSTIN EMERSON	Cole Information
2010	REBECCA ROBINSON	Cole Information
2005	NGHIA VU	Cole Information
2000	KYLE RAINE	Cole Information
	DEREK ASATO	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3445 W PARK BALBOA AVE

Year	Uses	Source
2020	ROSARIO GALEANA	EDR Digital Archive
2014	MARTIN GALEANA	Cole Information
2010	MARTIN GALEANA	Cole Information
1995	ROBERTSON, DORIS	Cole Information

3447 W PARK BALBOA AVE

Year	Uses	Source
2020	LOTFI EL-BAYOUMY	EDR Digital Archive
2014	AGUSTIN MARTINEZ	Cole Information
2010	REHAN ZAFFAR	Cole Information
2005	REHAN ZAFFAR	Cole Information
1995	KAZANJIAN, MURAD	Cole Information
1992	KAZANJIAN, MURAD	Cole Information

FINDINGS

3449 W PARK BALBOA AVE

Year	Uses	Source
2020	ANTHONY AGUIRRE	EDR Digital Archive
2014	SHERMAN KYLES	Cole Information
2010	SHERMAN KYLES	Cole Information
2005	GABY KYLES	Cole Information
2000	GABY OKYLES	Cole Information
1995	KYLES, GABY O	Cole Information
1992	KYLES, GABY O	Cole Information

3456 W PARK BALBOA AVE

Year	Uses	Source
2010	JUAN MARIN	Cole Information
2005	JUAN MARIN	Cole Information

3503 W PARK BALBOA AVE

Year	Uses	Source
2020	OTHNIEL LIM	EDR Digital Archive
	KYUNG LIM	EDR Digital Archive
	SUNG LIM	EDR Digital Archive
	HANNAH LIM	EDR Digital Archive
2014	SUNG LIM	Cole Information
2010	SUNG LIM	Cole Information
2005	SUNG LIM	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3507 W PARK BALBOA AVE

Year	Uses	Source
2020	LUCINDA COLLIS	EDR Digital Archive
2010	OCCUPANT UNKNOWN	Cole Information
2005	OCCUPANT UNKNOWN	Cole Information
2000	SHANNON CRAWFORD	Cole Information
1995	NGUYEN, ANH N	Cole Information

FINDINGS

3509 W PARK BALBOA AVE

Year	Uses	Source
2020	TRACY ZIMMERMAN	EDR Digital Archive
	RAYMOND ZIMMERMAN	EDR Digital Archive
2014	RAYMOND ZIMMERMAN	Cole Information
2010	RAYMOND ZIMMERMAN	Cole Information
2005	ZIMMERMAN ASSOCIATES	Cole Information
	RAYMOND ZIMMERMAN	Cole Information
2000	L RICHARD	Cole Information
	RAYMOND ZIMMERMAN	Cole Information
1995	ZIMMERMAN, RAYMOND G	Cole Information

3513 W PARK BALBOA AVE

Year	Uses	Source
2014	JANICE ZIMMERMAN	Cole Information
2010	JANICE ZIMMERMAN	Cole Information
2005	OCCUPANT UNKNOWN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3517 W PARK BALBOA AVE

Year	Uses	Source
2014	JENNIFER LYND	Cole Information
2010	MONTENGRO ANAIF	Cole Information
2005	KENNETH SU	Cole Information
2000	DINA BULLER	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3521 W PARK BALBOA AVE

Year	Uses	Source
2020	BRIAN TING	EDR Digital Archive
2014	THOMAS PARKER	Cole Information
2010	BENNET HISEL	Cole Information
2000	KENNETH OGDEN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

FINDINGS

3523 W PARK BALBOA AVE

Year	Uses	Source
2000	OCCUPANT UNKNOWN	Cole Information

3525 W PARK BALBOA AVE

Year	Uses	Source
2014	KRISTINE SAMSON	Cole Information
2010	KATHY SAMSON	Cole Information
2005	ELIZABETH GADSDEN	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1995	RYAN, DAVID	Cole Information

3528 W PARK BALBOA AVE

Year	Uses	Source
2020	SERENA NGUYEN	EDR Digital Archive
2014	PETR PESAK	Cole Information
2010	TCHOTCHKEYS	Cole Information
	PETR PESAK	Cole Information
2005	TCHOTCHKEYS	Cole Information
	PETR PESAK	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3529 W PARK BALBOA AVE

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	CHASE MARTIN	Cole Information
2000	MATTHEW COLVILLE	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3532 W PARK BALBOA AVE

Year	Uses	Source
2020	AMELITA DUENAS	EDR Digital Archive
2014	EDUARDO RIOS	Cole Information
2010	MEM CLEANING SOLUTIONS	Cole Information

Year	Uses	Source
2010	EDUARDO MANTILLA	Cole Information
2005	SQUEEKY CLEAN QUEEN	Cole Information
	THE SQUEEKY CLEAN QUEEN	Cole Information
1995	EDWARDS, FRANK	Cole Information

3533 W PARK BALBOA AVE

Year	Uses	Source
2020	BRENDA BLANCO	EDR Digital Archive
	MING DER 2012 LEE	EDR Digital Archive
	ROSALBA BERBER	EDR Digital Archive
2014	SHAWN BAILEY	Cole Information
2010	MING LEE	Cole Information
	ANGELINA BERBER	Cole Information
	ANGIE BERBER	Cole Information
2005	MING LEE	Cole Information
	ANGELINA BERBER	Cole Information
2000	STEVEN SETTIMO	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3536 W PARK BALBOA AVE

Year	Uses	Source
2020	NICHOLE SALAZAR	EDR Digital Archive
	VERONICA ALVAREZ	EDR Digital Archive
	GABRIEL SALAZAR	EDR Digital Archive
2014	VERONICA LOPEZ	Cole Information
2010	VERONICA LOPEZ	Cole Information
2000	DANIEL ALVAREZ	Cole Information
1995	NGUYEN, MINH T	Cole Information
1992	NGUYEN, MINH T	Cole Information

3537 W PARK BALBOA AVE

Year	Uses	Source
2014	YEN CHHUN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

Year	Uses	Source
2005	VANNAC DY	Cole Information
2000	VANNAC DY	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information
1992	RIEDEL, JEFF G	Cole Information

3538 W PARK BALBOA AVE

Year	Uses	Source
2014	TERESA GUTIERREZ	Cole Information
2010	TERESA GUTIERREZ	Cole Information

3540 W PARK BALBOA AVE

Year	Uses	Source
2020	NEAL NELSON	EDR Digital Archive
2014	NEAL NELSON	Cole Information
2005	TINA FUCHS	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3543 W PARK BALBOA AVE

Year	Uses	Source
2020	JORGE SANCHEZ	EDR Digital Archive
2014	DAN ARRITT	Cole Information
2010	TRACEY ARRITT	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3545 W PARK BALBOA AVE

Year	Uses	Source
2000	OCCUPANT UNKNOWN	Cole Information

3546 W PARK BALBOA AVE

Year	Uses	Source
2020	MANUEL RICO	EDR Digital Archive
	NAVIL RICO	EDR Digital Archive
	REX WANG	EDR Digital Archive
2014	REX WANG	Cole Information
2010	MANUEL RICO	Cole Information

Year	Uses	Source
2005	MANUEL RICO	Cole Information
2000	MANUEL RICO	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3547 W PARK BALBOA AVE

Year	Uses	Source
2014	DANNY HUDDLESTON	Cole Information
2010	RAY HUDDLESTON	Cole Information
2005	HENRY SANCHEZ	Cole Information
2000	LINDA HUDDLESTON	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3600 W PARK BALBOA AVE

Year	Uses	Source
2020	EMILY COLON	EDR Digital Archive
	MITCHELL COLON	EDR Digital Archive
	JOHN COLON	EDR Digital Archive
2014	JUAN MARIN	Cole Information
2010	JOSE MARIN	Cole Information
2005	JOSE MARIN	Cole Information
2000	JUAN MARIN	Cole Information
1995	DIAZ, REBEKAH	Cole Information

3603 W PARK BALBOA AVE

Year	Uses	Source
2020	DENEYCE SIPES	EDR Digital Archive
	STEPHANIE SIPES	EDR Digital Archive
	PATRICK SIPES	EDR Digital Archive
2014	OCCUPANT UNKNOWN	Cole Information
2005	REGINA GIBSON	Cole Information
2000	G ONTIVEROS	Cole Information
1995	ALLEN, BARBARA B	Cole Information

3604 W PARK BALBOA AVE

Year	Uses	Source
2000	OCCUPANT UNKNOWN	Cole Information

3606 W PARK BALBOA AVE

Year	Uses	Source
2020	TODD THOMPSON	EDR Digital Archive
2005	GARY THOMPSON	Cole Information
2000	TODD THOMPSON	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3607 W PARK BALBOA AVE

Year	Uses	Source
2020	TOD WITHEY	EDR Digital Archive
2014	TOD WITHEY	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	OCCUPANT UNKNOWN	Cole Information
2000	DUSTEN OKONEK	Cole Information
	BRIAN CASSIDY	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3610 W PARK BALBOA AVE

Year	Uses	Source
2014	CLAUDIA HEREDIA	Cole Information
2010	JESSICA HUANG	Cole Information
2005	B BEARD	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1995	DOAN, ALICE T	Cole Information

3611 W PARK BALBOA AVE

Year	Uses	Source
2020	ALFONSO MACEO-SALCEDO	EDR Digital Archive
	NOE HERNANDEZ	EDR Digital Archive
	ANTONIO ALVAREZ	EDR Digital Archive
	ANDRES HERNANDEZ	EDR Digital Archive
	ARIADNA OCAMPO	EDR Digital Archive

Year	Uses	Source
2014	NOE HERNANDEZ	Cole Information
2010	ANTONIO ALVAREZ	Cole Information
2005	THANG TRAN	Cole Information
1995	KAWESKI, SUSAN	Cole Information

3614 W PARK BALBOA AVE

Year	Uses	Source
2014	LIDIA ZAMORANO	Cole Information
2010	JEANNIE ARTELL	Cole Information
2005	DAVID CHODOROFF	Cole Information
2000	HAU NGUYEN	Cole Information
1995	CASSEL ELECTRIC SVC INC	Cole Information
1992	INGS, L	Cole Information

3615 W PARK BALBOA AVE

Year	Uses	Source
2014	ANDRES HERNANDEZ	Cole Information
2010	ANGELICA GARCIA	Cole Information
2005	QUY NGO	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3618 W PARK BALBOA AVE

Year	Uses	Source
2014	PEDRO VISOSO	Cole Information
2010	SHANNON HUNTER	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1995	ROBLES, ALFONSO	Cole Information

3621 W PARK BALBOA AVE

Year	Uses	Source
2020	JUAN PUGA	EDR Digital Archive
2014	JUAN PUGA	Cole Information
2010	JUAN PUGA	Cole Information
2005	MAX MADRID	Cole Information

Year	Uses	Source
2000	OCCUPANT UNKNOWN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information
1992	SULLIVAN, THOMAS C	Cole Information

3624 W PARK BALBOA AVE

Year	Uses	Source
2014	KIPUM LEE	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
2005	JOEL SCIORTINO	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1995	LEE, JENNY J	Cole Information
1992	MCGAHA, DAN	Cole Information

3625 W PARK BALBOA AVE

Year	Uses	Source
2020	TAURINO PUGA	EDR Digital Archive
2014	TAURINO PUGA	Cole Information
2010	TAURINO PUGA	Cole Information
1995	BROWN, STACEY	Cole Information
1992	BROWN, STACEY	Cole Information

3628 W PARK BALBOA AVE

Year	Uses	Source
2020	IVONNE TELLEZ	EDR Digital Archive
2010	FRANCISCO ULLOA	Cole Information
2005	LUONG NGO	Cole Information
1992	BENJAMIN, LESLIE	Cole Information

3629 W PARK BALBOA AVE

Year	Uses	Source
2020	JOE SANCHEZ	EDR Digital Archive
2014	MARIO SANCHEZ	Cole Information
2005	JOE SANCHEZ	Cole Information
2000	RONALDO MALAIHOLLO	Cole Information
1995	VILLAMOR, JAIME V	Cole Information

Year	Uses	Source
1992	VILLAMOR, JAIME V	Cole Information

3632 W PARK BALBOA AVE

Year	Uses	Source
2020	MARIA GARCIA	EDR Digital Archive
2014	OCCUPANT UNKNOWN	Cole Information
2000	CUONG HO	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3633 W PARK BALBOA AVE

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information
1992	OGLESBY, GAIL	Cole Information

3636 W PARK BALBOA AVE

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information
2010	EMMA CALVILLO	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1995	OCCUPANT UNKNOWNN	Cole Information

3639 W PARK BALBOA AVE

Year	Uses	Source
2020	MARIE DIAZ	EDR Digital Archive
2014	MARIE DIAZ	Cole Information
2010	SUSANA LARA	Cole Information
2005	OCCUPANT UNKNOWN	Cole Information

3643 W PARK BALBOA AVE

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information
2010	DAVID PRAWL	Cole Information
2005	FREDY PRAWL	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information

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3647 W PARK BALBOA AVE

Year	*Uses*	*Source*
2020	THIEN NGUYEN	EDR Digital Archive
	CAM-HANH TRINH	EDR Digital Archive
	PHUC NGUYEN	EDR Digital Archive
	LOC NGUYEN	EDR Digital Archive
	KEVIN DANG	EDR Digital Archive
2014	PHUONG HA	Cole Information
2010	RAMEZ YOUNIS	Cole Information
2005	CAMHANB TRINH	Cole Information
2000	OCCUPANT UNKNOWN	Cole Information
1995	MIRELES, LINDA	Cole Information

FINDINGS

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	Address Not Identified in Research Source
05 CITY PKY	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
05 CITY PKY	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
1 CITY BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1 CITY BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1 CITY BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
1 CITY BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
1 CITY BLVD W	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
1 CITY BLVD W	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
1 CITY BLVD W	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
1 CITY BLVD W	2020, 2017, 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
1 CITY BLVD W	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
1 CITY BLVD W	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
1 CITY BLVD W STE 1100	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
1 CITY BLVD W STE 1400	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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	Address Not Identified in Research Source
1 CITY BLVD W STE 750	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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 0 CITY BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
19 0 CITY BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
2 CITY BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
2 CITY BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
2 CITY BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
2 CITY BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
2 CITY BLVD W	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
2180732 501 THE CITY DR S	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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 CITY BLVD E	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
24 HR SERVICE 3022 N HESPERIAN WAY	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
27 CITY BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
2888 SAWGRASS DR	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
2941 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
2941 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2001, 2000, 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
2941 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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

FINDINGS

Address Researched	Address Not Identified in Research Source
2941 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
2941 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
2941 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
2941 N HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
2941 N HESPERIAN ST	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
2941 N HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
2941 N HESPERIAN ST	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
2941 N HESPERIAN ST	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
2941 N HESPERIAN ST	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
2941 N HESPERIAN WAY ST	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3 CITY BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3 CITY BLVD W	2020, 2017, 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
3020 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2001, 2000, 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
3020 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3020 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3020 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
3020 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3020 N HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3020 N HESPERIAN ST	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3022 HESPERIAN	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3022 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3022 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3022 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3022 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3022 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3022 N HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3022 N HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3022 N HESPERIAN ST	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3022 N HESPERIAN ST	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3022 N HESPERIAN ST	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3022 N HESPERIAN ST	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3030 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2001, 2000, 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	Address Not Identified in Research Source
3030 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3030 HESPERIAN ST	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3030 N HESPERIAN ST	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3030 N HESPERIAN ST	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3030 N HESPERIAN ST	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
330 S THE CITY DR	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
330 THE CITY DR S	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
330 THE CITY DR S	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3339 CITY BLVD	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3339 CITY PKY	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3339 CITY PKY	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3339 CITY PKY E	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3339 CITY PKY E	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3339 W ENTERTAINMENT AVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3339 W ENTERTAINMENT AVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3339 W ENTERTAINMENT AVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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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Address Researched	Address Not Identified in Research Source
3339 W ENTERTAINMENT AVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3400 METROPOLITAN DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3400 METROPOLITAN DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3400 METROPOLITAN DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3400 W METROPOLITAN DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3400 W METROPOLITAN DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
341 S THE CITY DR	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
341 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
341 THE CITY DR S	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
341 THE CITY DR S	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
341 THE CITY DR S	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
341 THE CITY DR S	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3433 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3433 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3433 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3433 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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

FINDINGS

Address Researched	Address Not Identified in Research Source
3433 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3435 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3435 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3435 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3435 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3435 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3435 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3435 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3435 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3437 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3437 W PARK	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3437 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3437 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3437 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3437 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3437 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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	Address Not Identified in Research Source
3439 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3439 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3439 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3439 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3439 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3440 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3440 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3440 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3440 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3440 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3441 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3441 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3441 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3441 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3441 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3443 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 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	Address Not Identified in Research Source
3443 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3443 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3443 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3443 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3443 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3443 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3443 W PARK BALBOAAVE	2020, 2017, 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
3445 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3445 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3445 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3445 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3445 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3447 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3447 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3447 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3447 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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	Address Not Identified in Research Source
3447 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3447 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3447 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3449 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3449 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3449 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3449 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3449 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3449 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3449 W PARK BALBOAAVE	2020, 2017, 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
3449 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3456 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3456 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
347 THE CITY DR S	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3503 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3503 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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	Address Not Identified in Research Source
3503 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3503 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3503 W PARK BALBOAAVE	2020, 2017, 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
3503 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3507 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3507 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3507 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3507 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3507 W PARK BALBOAAVE	2020, 2017, 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
3507 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3507 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3507 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3509 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3509 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3509 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3509 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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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Address Researched	Address Not Identified in Research Source
3509 W PARK BALBOAAVE	2020, 2017, 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
3509 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3509 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3509 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3513 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3513 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3513 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3513 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3513 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3517 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3517 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3517 W PARK BALBOAAVE	2020, 2017, 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
3517 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3517 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3521 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3521 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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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Address Researched	Address Not Identified in Research Source
3521 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3521 W PARK BALBOAAVE	2020, 2017, 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
3521 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3523 W PARK BALBOAAVE	2020, 2017, 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
3525 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3525 W PARK BALBOAAVE	2020, 2017, 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
3525 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3525 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3525 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3525 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3528 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3528 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3528 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3528 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3528 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3528 W PARK BALBOAAVE	2020, 2017, 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

FINDINGS

Address Researched	Address Not Identified in Research Source
3529 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3529 W PARK BALBOAAVE	2020, 2017, 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
3529 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3529 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3529 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3529 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3532 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3532 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3532 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3532 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3532 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3532 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3533 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3533 W PARK BALBOAAVE	2020, 2017, 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
3533 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3533 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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	Address Not Identified in Research Source
3533 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3533 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3536 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3536 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3536 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3536 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3536 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3536 W PARK BALBOAAVE	2020, 2017, 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
3536 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3536 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3536 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3537 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3537 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3537 W PARK BALBOAAVE	2020, 2017, 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
3537 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3537 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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

FINDINGS

Address Researched	Address Not Identified in Research Source
3537 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3538 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3538 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3540 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3540 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3540 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3540 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3540 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3540 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3540 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3540 W PARK BALBOAAVE	2020, 2017, 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
3543 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3543 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3543 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3543 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3545 W PARK BALBOAAVE	2020, 2017, 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

FINDINGS

Address Researched	Address Not Identified in Research Source
3546 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3546 W PARK BALBOAAVE	2020, 2017, 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
3546 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3546 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3546 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3546 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3546 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3547 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3547 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3547 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3547 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3547 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3547 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3547 W PARK BALBOAAVE	2020, 2017, 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
3547 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3547 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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	Address Not Identified in Research Source
3600 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3600 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3600 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3600 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3600 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3600 W PARK BALBOAAVE	2020, 2017, 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
3600 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3600 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3603 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3603 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3603 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3603 W PARK BALBOAAVE	2020, 2017, 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
3603 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3603 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3604 W PARK BALBOAAVE	2020, 2017, 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
3606 W PARK BALBOAAVE	2020, 2017, 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

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Address Researched	Address Not Identified in Research Source
3606 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3606 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3606 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3607 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3607 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3607 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3607 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3607 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3607 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3607 W PARK BALBOAAVE	2020, 2017, 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
361 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3610 W PARK BALBOAAVE	2020, 2017, 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
3610 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3610 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3610 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3610 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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	Address Not Identified in Research Source
3611 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3611 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3611 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3611 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3611 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3614 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3614 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3614 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3614 W PARK BALBOAAVE	2020, 2017, 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
3614 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3614 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3614 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3615 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3615 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3615 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3615 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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

FINDINGS

Address Researched	Address Not Identified in Research Source
3615 W PARK BALBOAAVE	2020, 2017, 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
3615 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3618 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3618 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3618 W PARK BALBOAAVE	2020, 2017, 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
3618 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3618 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3621 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3621 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3621 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3621 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3621 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3621 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3621 W PARK BALBOAAVE	2020, 2017, 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
3621 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3621 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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

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Address Researched	Address Not Identified in Research Source
3624 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3624 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3624 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3624 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3624 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3624 W PARK BALBOAAVE	2020, 2017, 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
3624 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3624 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3625 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3625 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3625 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3625 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3625 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3625 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3625 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3625 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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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Address Researched	Address Not Identified in Research Source
3628 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3628 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3628 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3628 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3628 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3629 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3629 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3629 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3629 W PARK BALBOAAVE	2020, 2017, 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
3629 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3629 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3629 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3632 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3632 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3632 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3632 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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	Address Not Identified in Research Source
3632 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3632 W PARK BALBOAAVE	2020, 2017, 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
3633 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3633 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3633 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3633 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3633 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3633 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3636 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3636 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3636 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3636 W PARK BALBOAAVE	2020, 2017, 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
3639 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3639 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3639 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3639 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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	Address Not Identified in Research Source
3643 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3643 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3643 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3643 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3643 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3643 W PARK BALBOAAVE	2020, 2017, 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
3643 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3643 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3647 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
3647 PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3647 W PARK BALBOAAVE	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
3647 W PARK BALBOAAVE	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
3647 W PARK BALBOAAVE	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
3647 W PARK BALBOAAVE	2020, 2017, 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
3647 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
3647 W PARK BALBOAAVE	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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

FINDINGS

Address Researched	Address Not Identified in Research Source
401 S THE CITY DR	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
401 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
401 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
401 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
401 THE CITY DR S	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
401 THE CITY DR S	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
401 THE CITY DR S	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
401 THE CITY DR S	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
430 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
431 S THE CITY DR	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
431 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
431 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
431 THE CITY DR S	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
440 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
450 S THE CITY DR	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
450 THE CITY DR S	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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	Address Not Identified in Research Source
450 THE CITY DR S	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
450 THE CITY DR S	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
460 S THE CITY DR	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
460 THE CITY DR S	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
481 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5 05 CITY PKY	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
5 CITY BLVD	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
501 S THE CITY DR	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
501 THE CITY DR S	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
501 THE CITY DR S	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
501 THE CITY DR S	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
501 THE CITY DR S	2020, 2017, 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
505 THE CITY DR S	2020, 2017, 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
510 S THE CITY DR	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
525 THE CITY DR S	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
591 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 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	Address Not Identified in Research Source
591 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
591 THE CITY DR S	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
591 THE CITY DR S	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
595 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
595 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
595 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
595 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
595 THE CITY DR S	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
595 THE CITY DR S	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
595 THE CITY DR S	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
595 THE CITY DR S	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
6 CITY PKY	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
600 THE CITY DR S	2020, 2017, 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
625 S THE CITY DR	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
625 THE CITY	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
625 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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

FINDINGS

Address Researched	Address Not Identified in Research Source
625 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
625 THE CITY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
625 THE CITY DR S	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
625 THE CITY DR S	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1991, 1986, 1980, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920
625 THE CITY DR S	2020, 2017, 2014, 2010, 2002, 2001, 2000, 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
625 THE CITY DR S	2020, 2017, 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
625 THE CITY DR S	2020, 2017, 2014, 2005, 2002, 2001, 2000, 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
625 THE CITY DR S	2020, 2017, 2010, 2005, 2002, 2001, 2000, 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
625 THE CITY DR S STE 400	2017, 2014, 2010, 2005, 2002, 2001, 2000, 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
630 THE CLTY DR	2020, 2017, 2014, 2010, 2005, 2002, 2001, 2000, 1997, 1995, 1992, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

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	Address Not Identified in Research Source
561 The City Drive South	2020, 2017, 2002, 2001, 2000, 1997, 1991, 1986, 1975, 1971, 1970, 1966, 1965, 1961, 1960, 1956, 1955, 1952, 1950, 1946, 1945, 1941, 1936, 1930, 1926, 1925, 1922, 1921, 1920

561 The City Drive South

561 The City Drive South

Orange, CA 92868

Inquiry Number: 7606420.3

March 26, 2024

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

03/26/24

Site Name:	Client Name:
561 The City Drive South	Ninyo & Moore
561 The City Drive South	475 Goddard
Orange, CA 92868	Irvine, CA 92618
EDR Inquiry # 7606420.3	Contact: Ken Cho

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Project 561 The City Drive South

UNMAPPED PROPERTY

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Sanborn® Library search results

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561 The City Drive South

561 The City Drive South

Orange, CA 92868

Inquiry Number: 7606420.4

March 26, 2024

EDR Historical Topo Map Report

with QuadMatch™

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
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EDR Historical Topo Map Report

03/26/24

Site Name:

561 The City Drive South
561 The City Drive South
Orange, CA 92868
EDR Inquiry # 7606420.4

Client Name:

Ninyo & Moore
475 Goddard
Irvine, CA 92618
Contact: Ken Cho

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Ninyo & Moore were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:

P.O.# 212172013

Project: 561 The City Drive South

Coordinates:

Latitude:	33.780224 33° 46' 49" North
Longitude:	-117.887835 -117° 53' 16" West
UTM Zone:	Zone 11 North
UTM X Meters:	417798.55
UTM Y Meters:	3738142.22
Elevation:	127.00' above sea level

Maps Provided:

2022	1950
2018	1949
2015	1942
2012	1935
1981	1902
1974	1901
1972	1898
1964, 1965	1896

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2022 Source Sheets



Anaheim
2022
7.5-minute, 24000



Orange
2022
7.5-minute, 24000

2018 Source Sheets



Anaheim
2018
7.5-minute, 24000



Orange
2018
7.5-minute, 24000

2015 Source Sheets



Anaheim
2015
7.5-minute, 24000



Orange
2015
7.5-minute, 24000

2012 Source Sheets



Anaheim
2012
7.5-minute, 24000

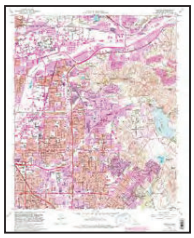


Orange
2012
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1981 Source Sheets



Orange
1981
7.5-minute, 24000
Aerial Photo Revised 1978



Anaheim
1981
7.5-minute, 24000
Aerial Photo Revised 1963

1974 Source Sheets



Anaheim
1974
7.5-minute, 24000
Aerial Photo Revised 1974



Orange
1974
7.5-minute, 24000
Aerial Photo Revised 1974

1972 Source Sheets

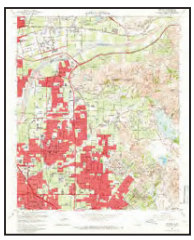


Orange
1972
7.5-minute, 24000
Aerial Photo Revised 1972

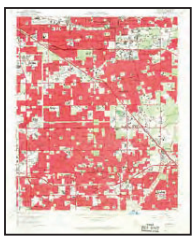


Anaheim
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1964, 1965 Source Sheets



Orange
1964
7.5-minute, 24000
Aerial Photo Revised 1963



Anaheim
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



Anaheim
1950
7.5-minute, 24000
Aerial Photo Revised 1947



Orange
1950
7.5-minute, 24000
Aerial Photo Revised 1946

1949 Source Sheets



Anaheim
1949
7.5-minute, 24000
Aerial Photo Revised 1947



Orange
1949
7.5-minute, 24000
Aerial Photo Revised 1946

1942 Source Sheets



ANAHEIM
1942
15-minute, 50000

1935 Source Sheets



Garden Grove
1935
7.5-minute, 31680



Orange
1935
7.5-minute, 31680

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1902 Source Sheets



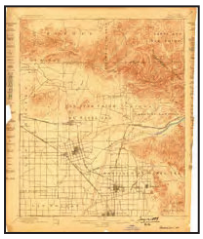
Corona
1902
30-minute, 125000

1901 Source Sheets



Anaheim
1901
15-minute, 62500

1898 Source Sheets



Anaheim
1898
15-minute, 62500

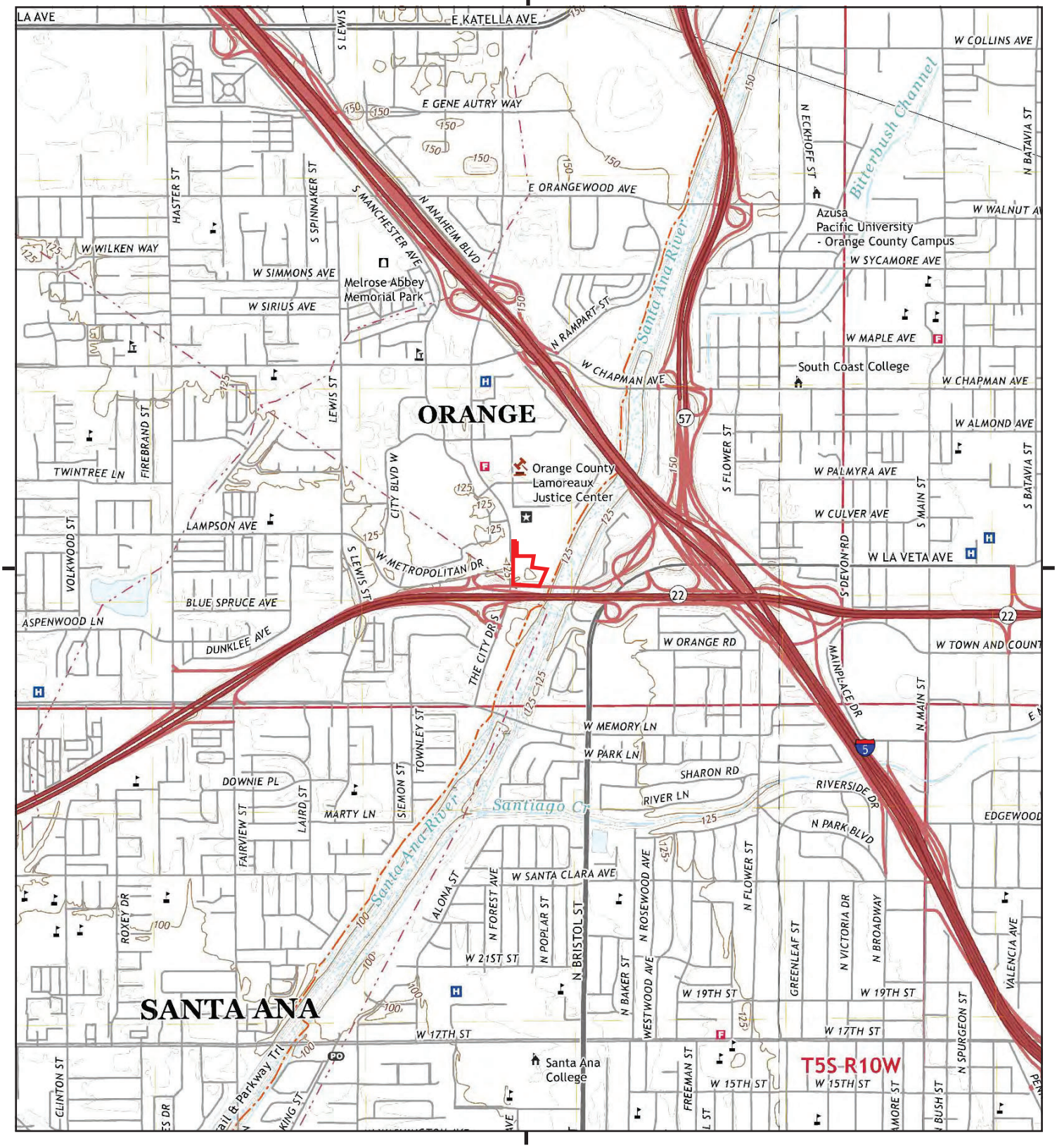
1896 Source Sheets



Anaheim
1896
15-minute, 62500

Historical Topo Map

2022



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

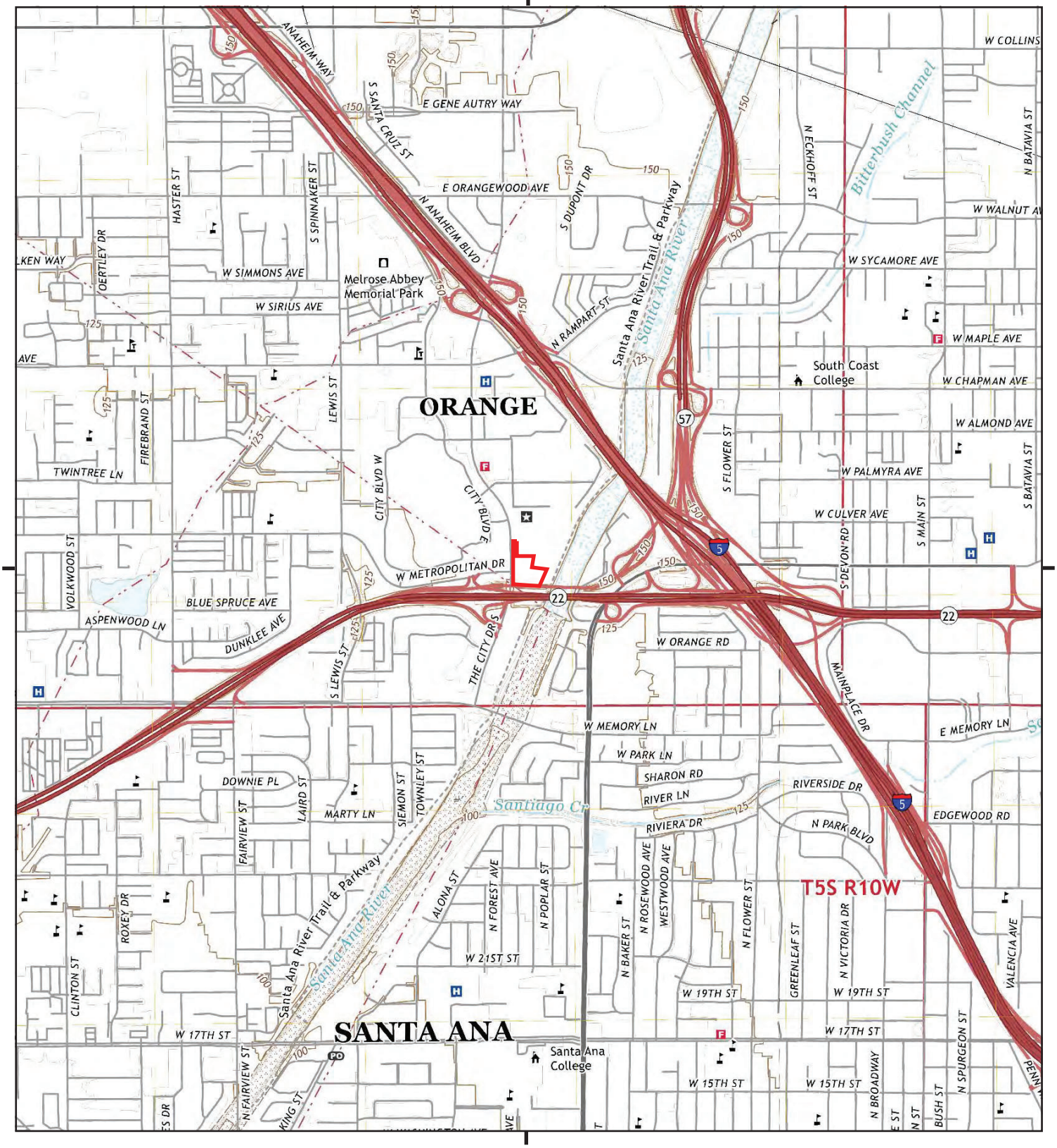
TP, Anaheim, 2022, 7.5-minute
NE, Orange, 2022, 7.5-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N

Historical Topo Map

2018



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

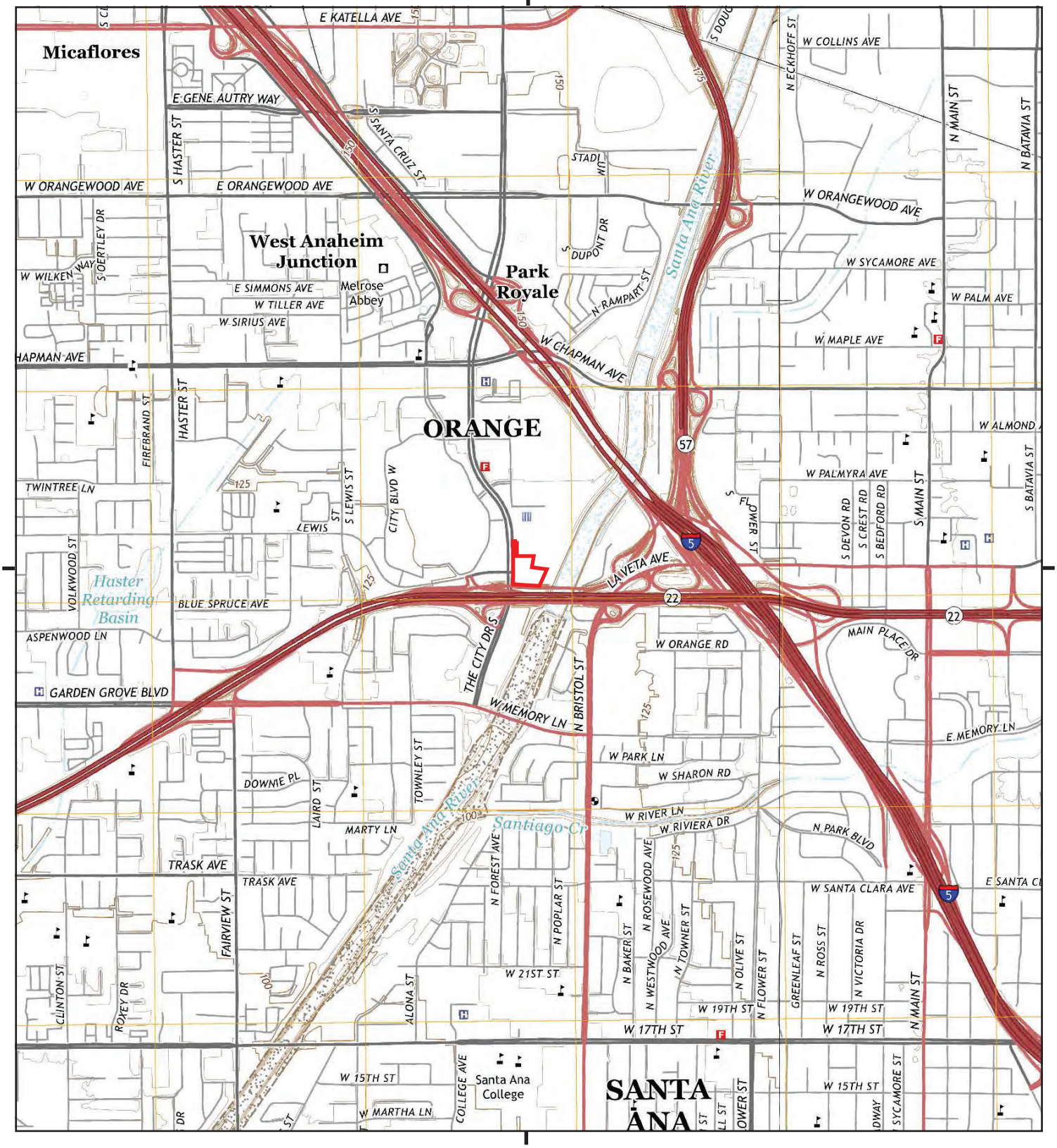
TP, Anaheim, 2018, 7.5-minute
NE, Orange, 2018, 7.5-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N

Historical Topo Map

2015



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

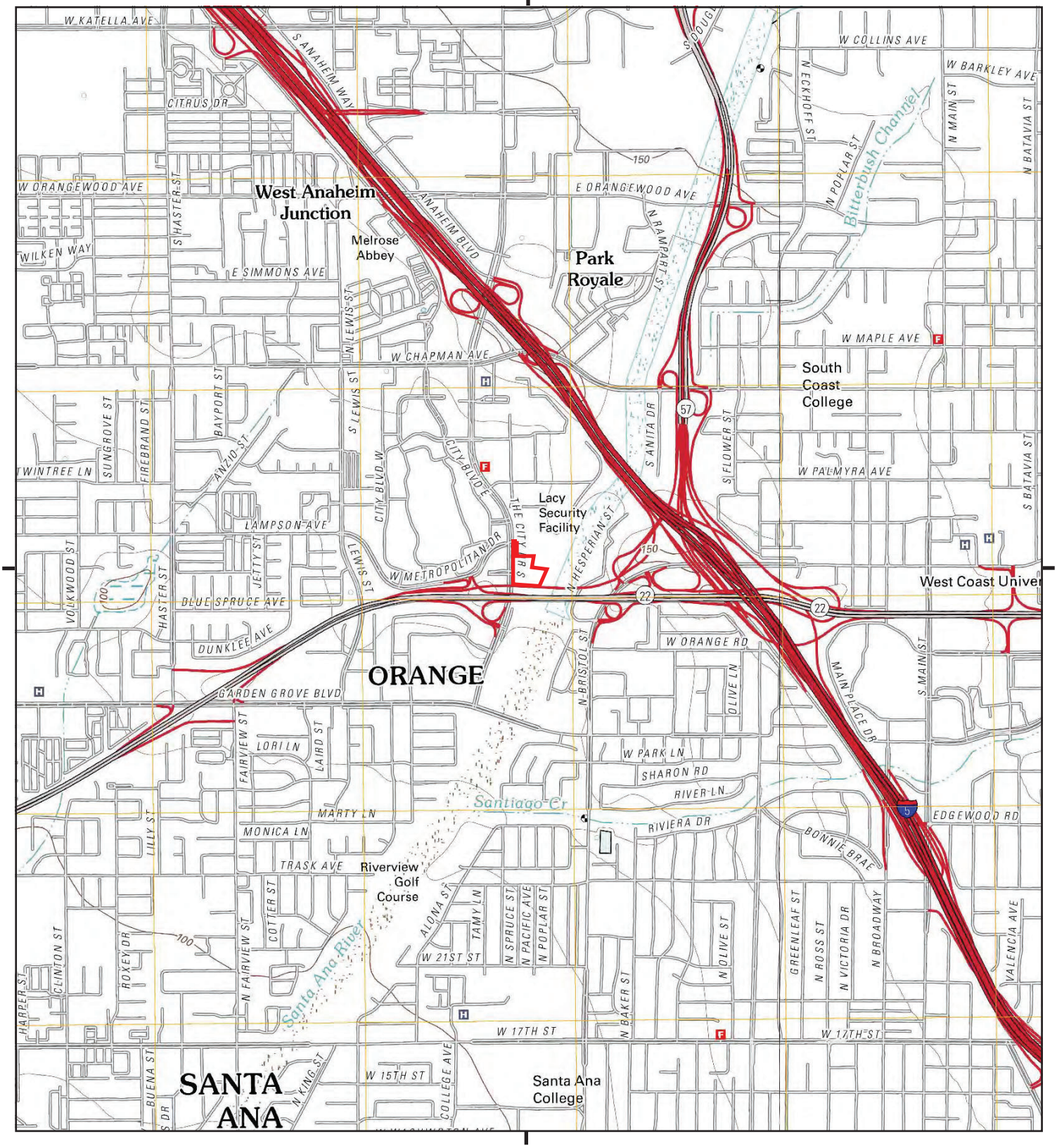
TP, Anaheim, 2015, 7.5-minute
NE, Orange, 2015, 7.5-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N

Historical Topo Map

2012



This report includes information from the following map sheet(s).

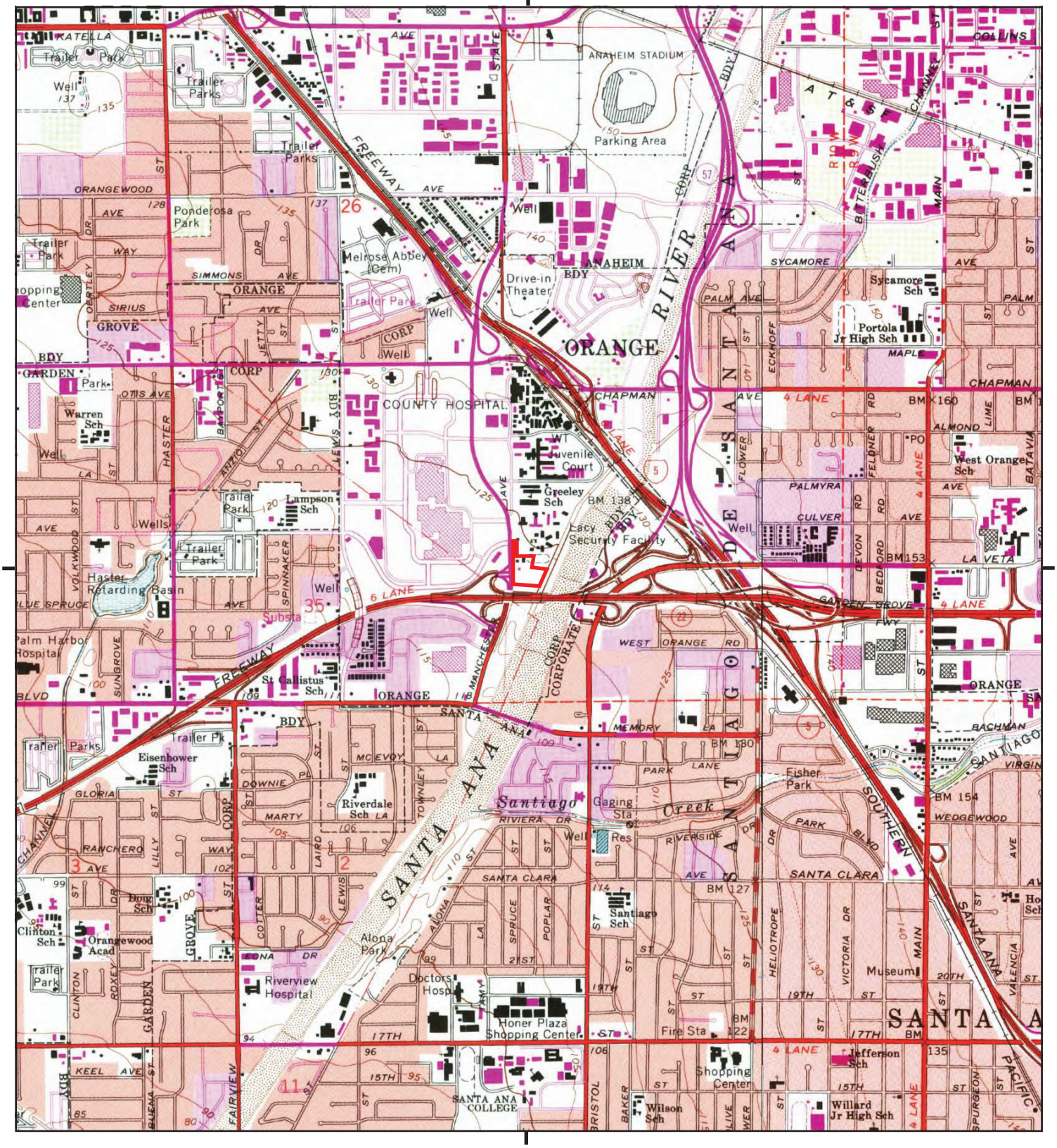
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Anaheim, 2012, 7.5-minute
NE, Orange, 2012, 7.5-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

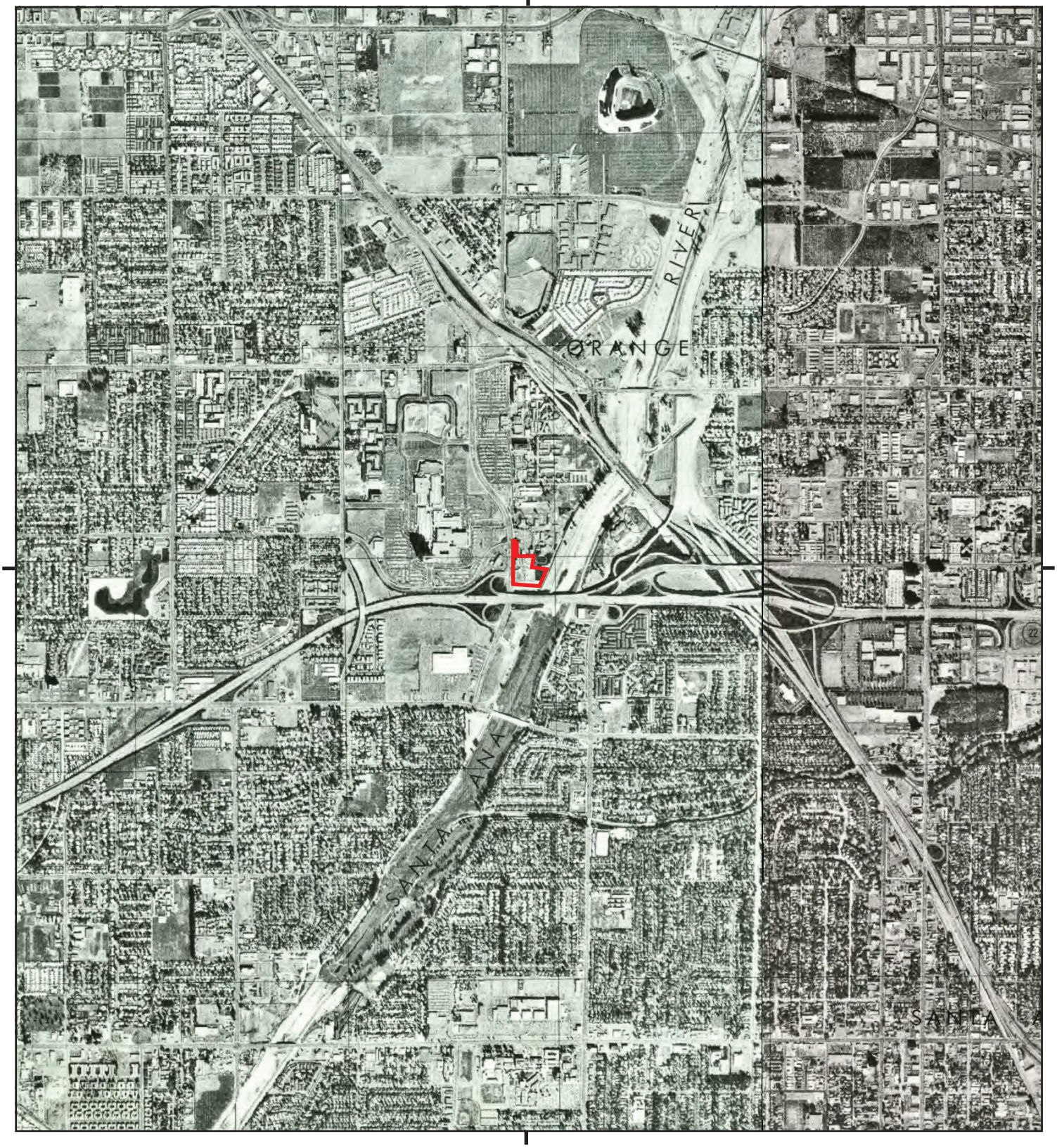
TP, Anaheim, 1981, 7.5-minute
NE, Orange, 1981, 7.5-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N

Historical Topo Map

1974



This report includes information from the following map sheet(s).

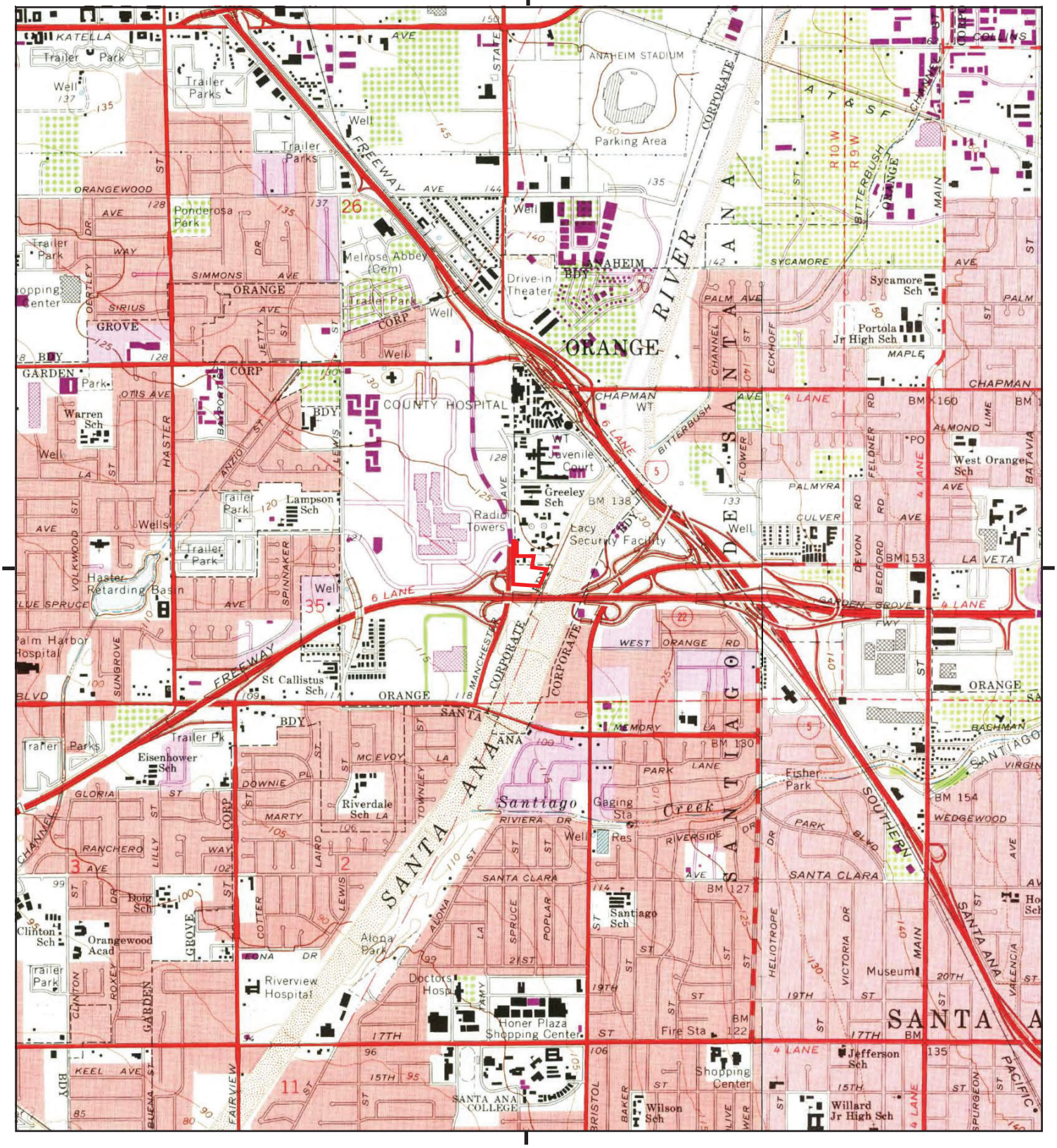
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Anaheim, 1974, 7.5-minute
NE, Orange, 1974, 7.5-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

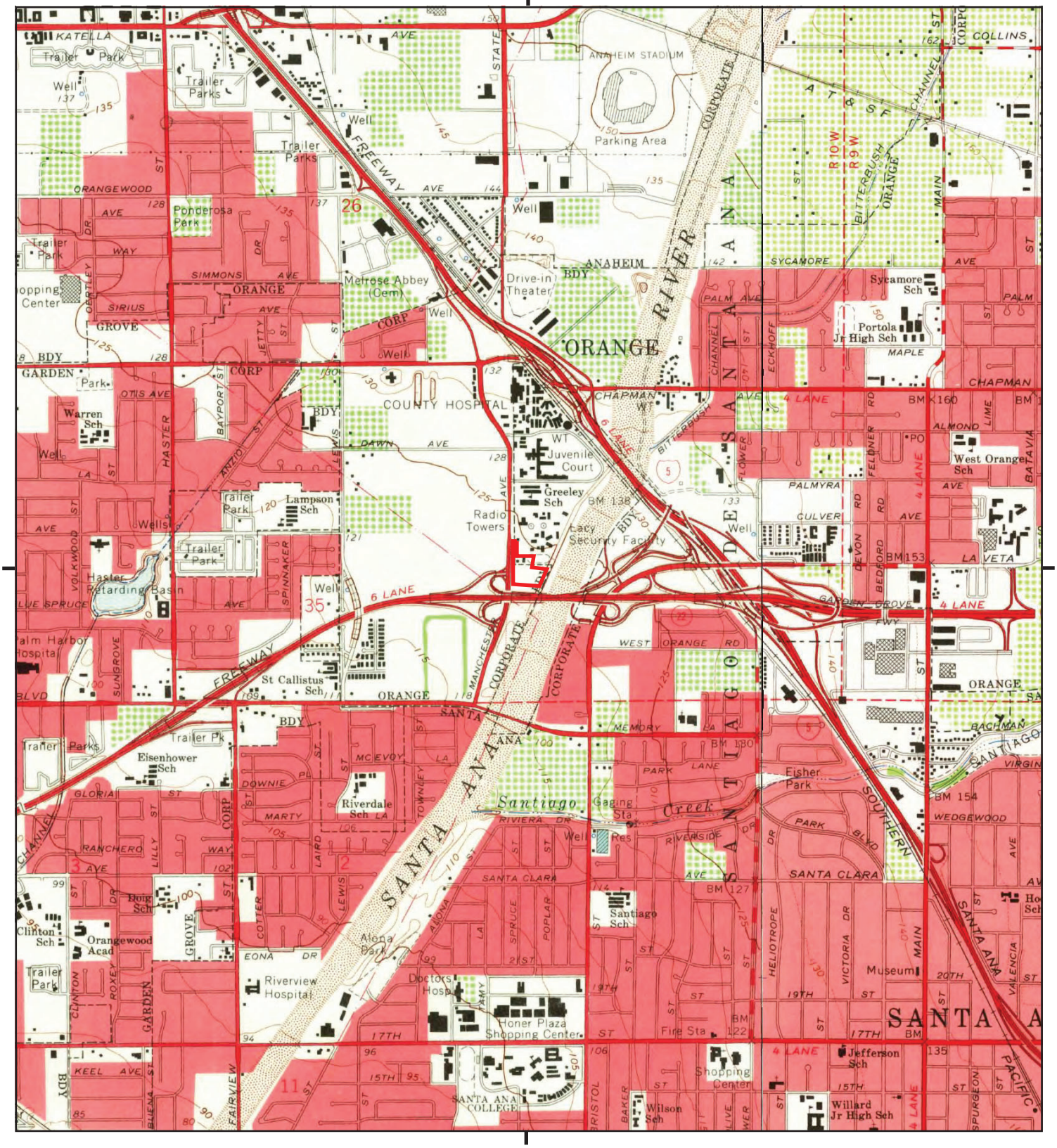
TP, Anaheim, 1972, 7.5-minute
NE, Orange, 1972, 7.5-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N

Historical Topo Map

1964, 1965



This report includes information from the following map sheet(s).

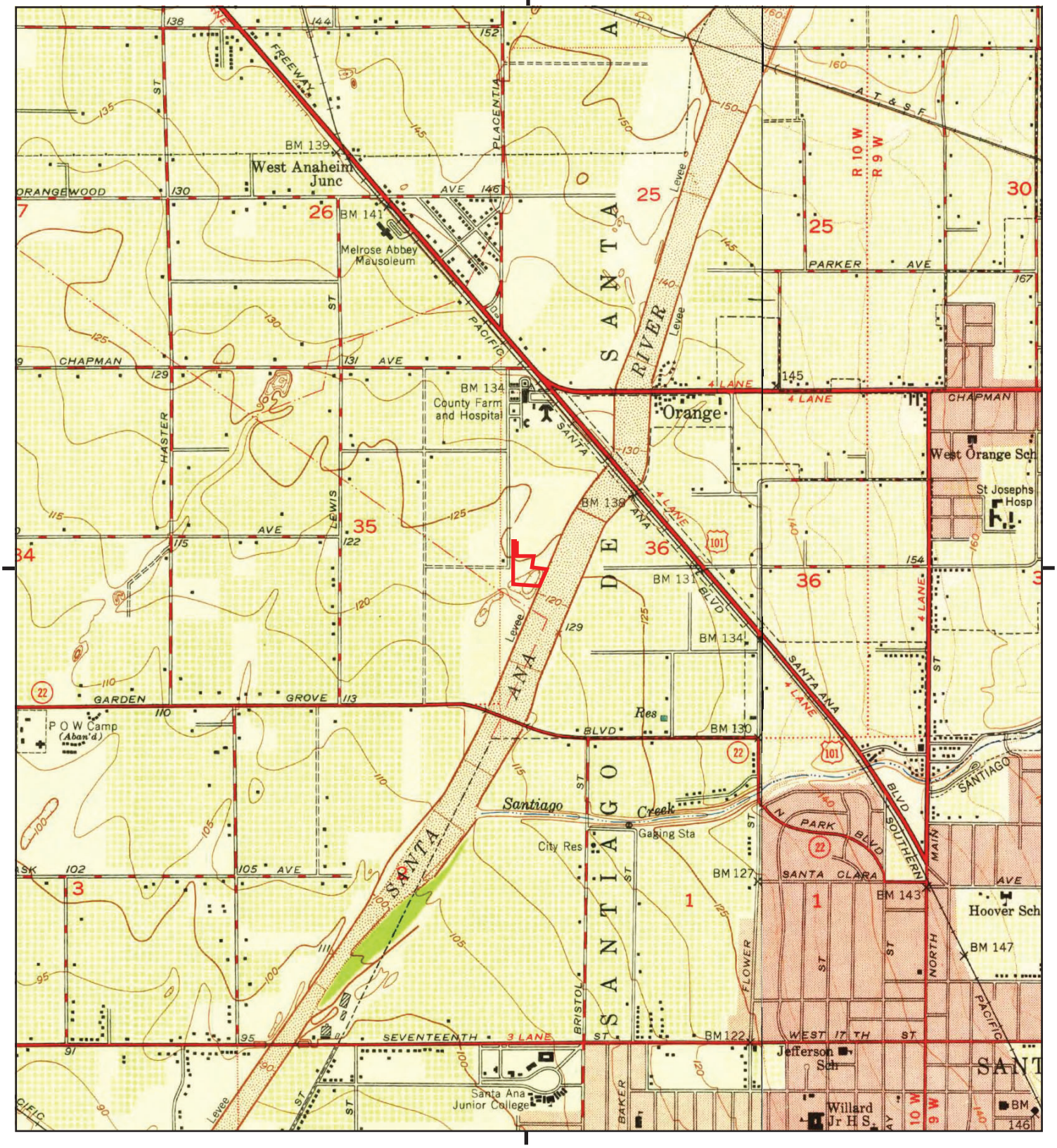
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Anaheim, 1965, 7.5-minute
NE, Orange, 1964, 7.5-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

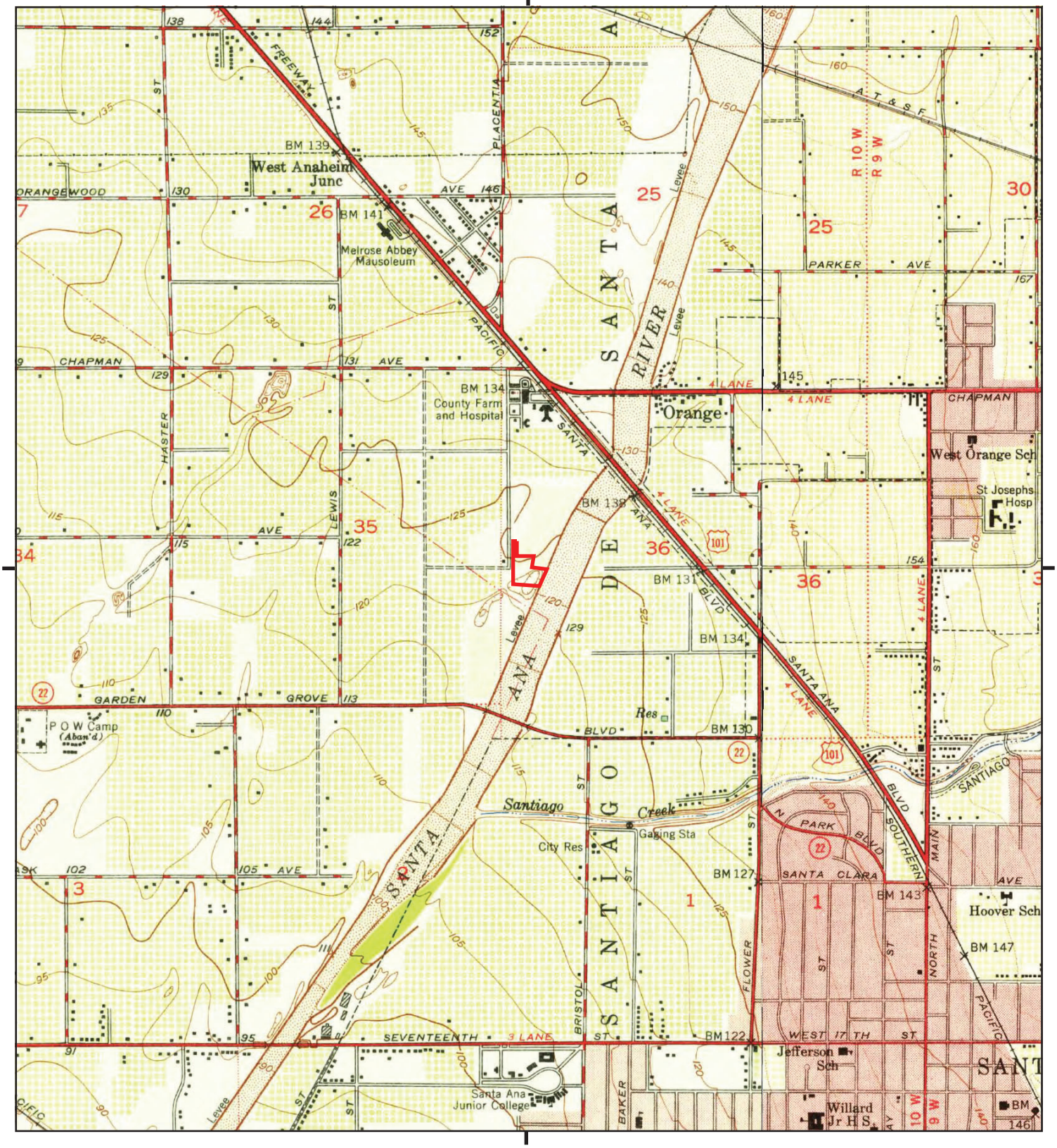
TP, Anaheim, 1950, 7.5-minute
NE, Orange, 1950, 7.5-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N

Historical Topo Map

1949



This report includes information from the following map sheet(s).

0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

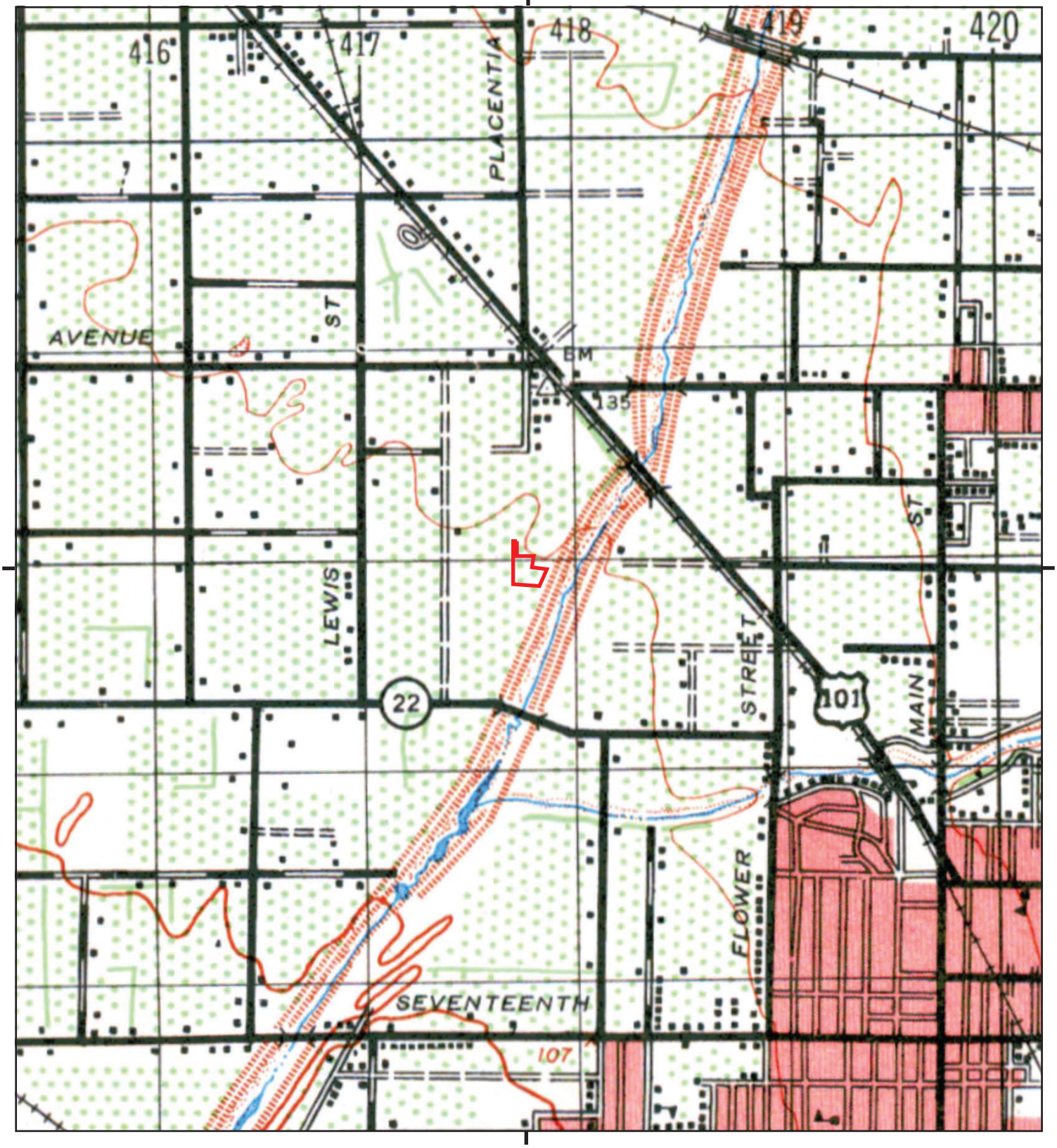
TP, Anaheim, 1949, 7.5-minute
NE, Orange, 1949, 7.5-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N

Historical Topo Map

1942



This report includes information from the following map sheet(s).

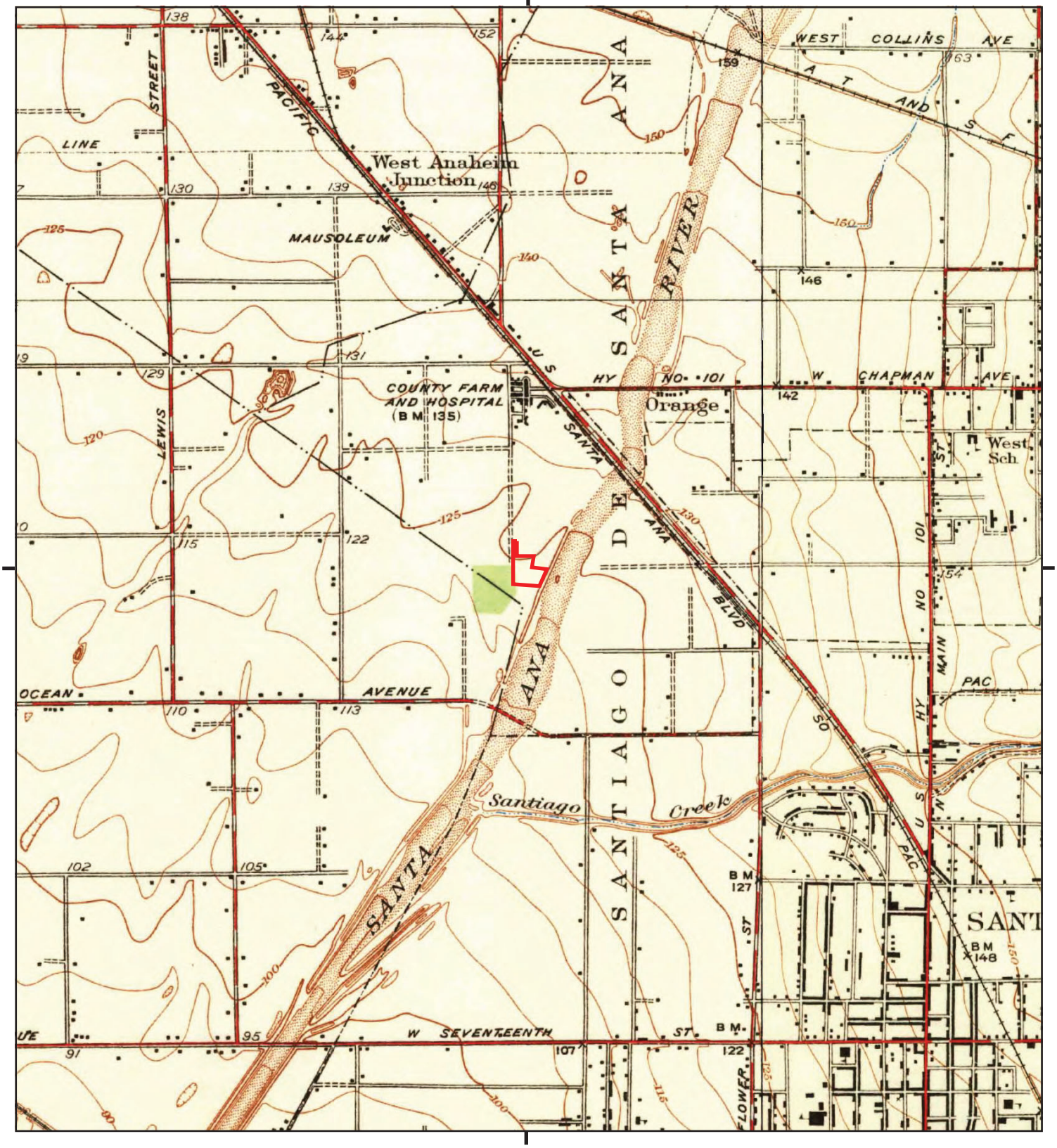
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, ANAHEIM, 1942, 15-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

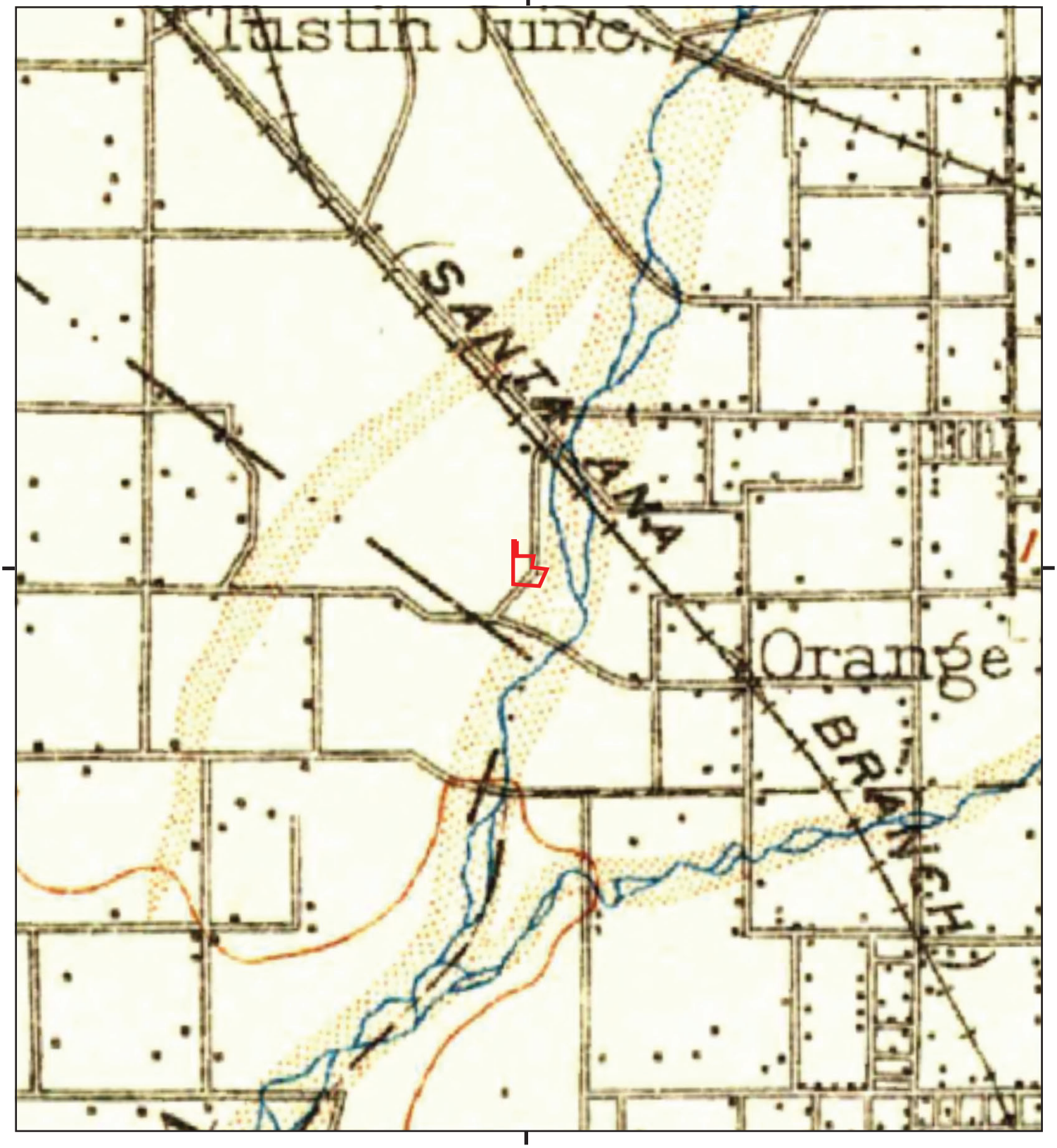
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Garden Grove, 1935, 7.5-minute
NE, Orange, 1935, 7.5-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

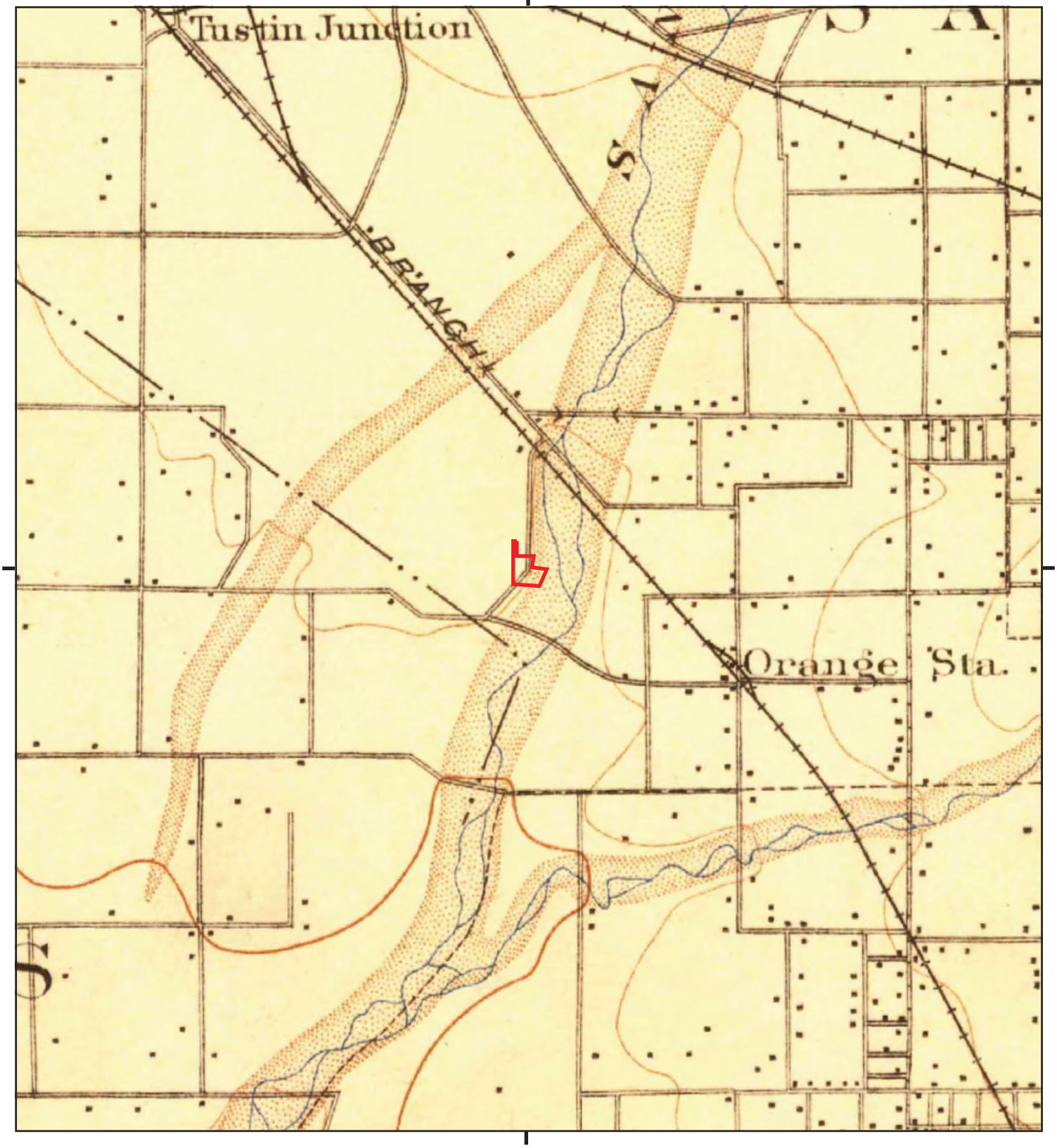
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Corona, 1902, 30-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

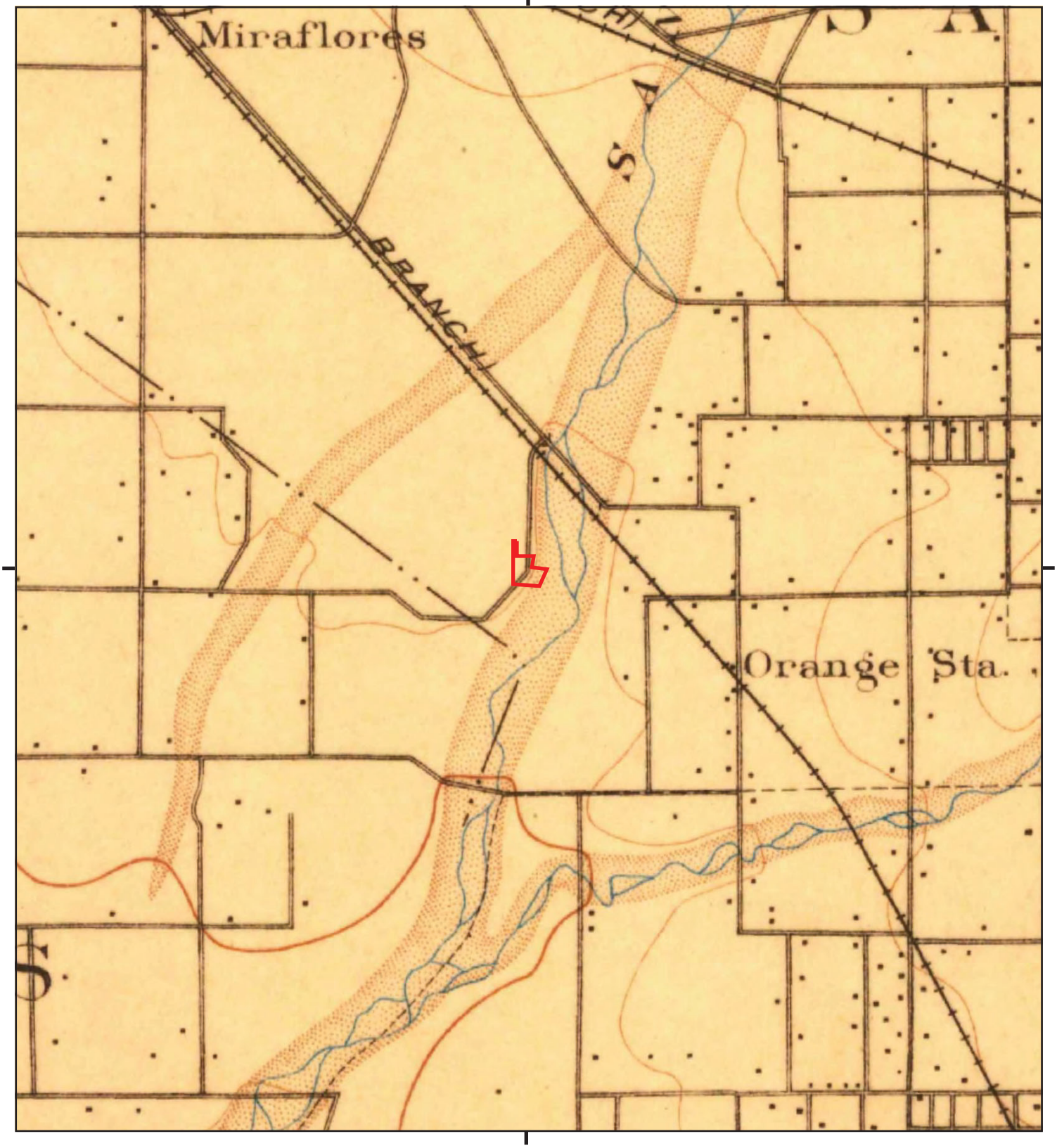
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Anaheim, 1901, 15-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N



This report includes information from the following map sheet(s).

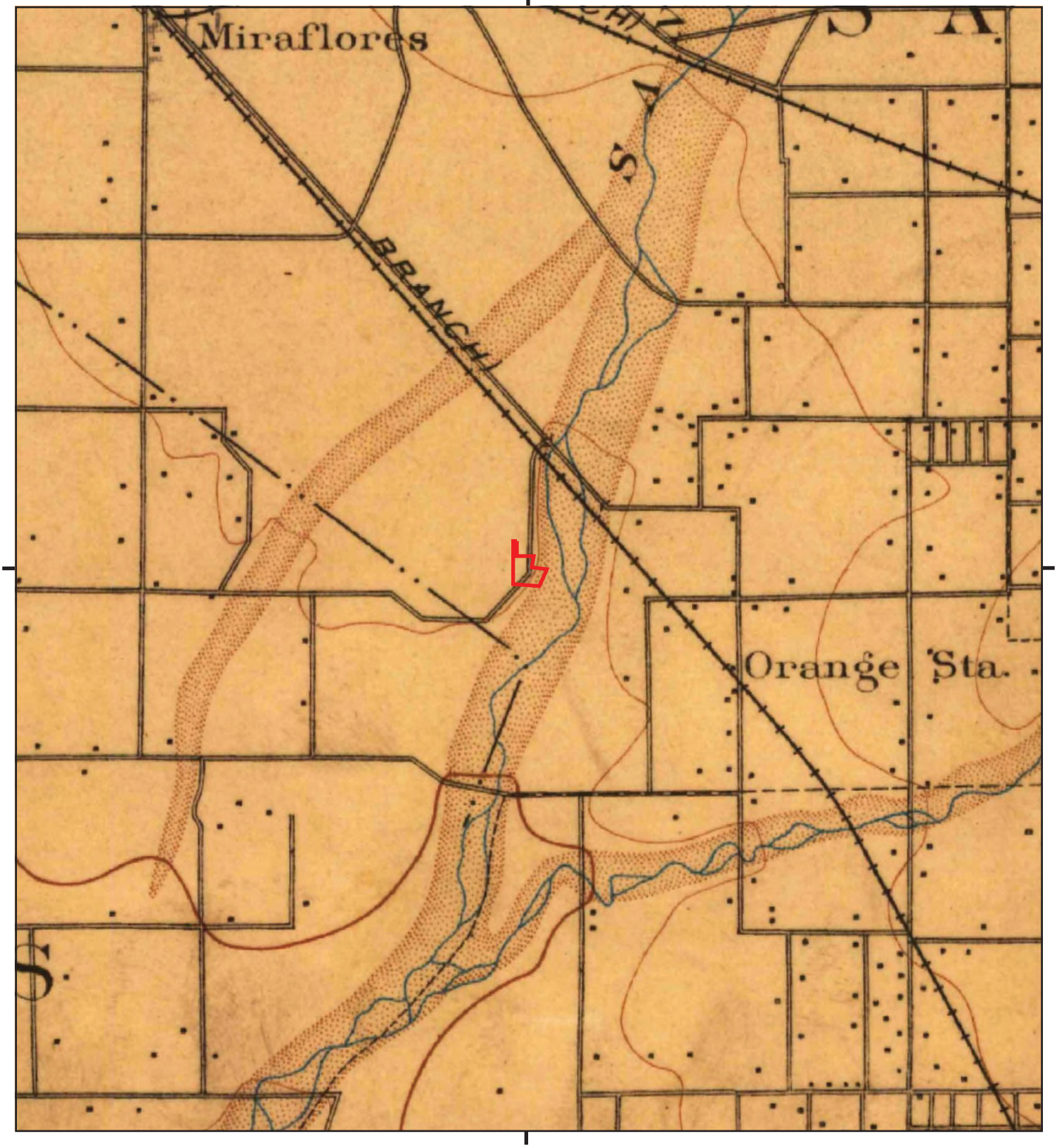
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Anaheim, 1898, 15-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N



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0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Anaheim, 1896, 15-minute

SITE NAME: 561 The City Drive South
ADDRESS: 561 The City Drive South
Orange, CA 92868
CLIENT: Ninyo & Moore

N

NOM/KRW A

California Regional Water Quality Control Board

Santa Ana Region

Winston H. Hickox
Secretary for Environmental Protection

Internet Address: http://www.swrcb.ca.gov/rwqcb8
3737 Main Street, Suite 500, Riverside, California 92501-3348
Phone (909) 782-4130 - FAX (909) 781-6288

Gray Davis
Governor

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov/rwqcb8.

March 21, 2003

Mr. Dan Carrier
Union Oil Company of California, RRMC
376 South Valencia Avenue
Brea, CA 92823

SUBJECT: NOTIFICATION OF SITE CLOSURE PROPOSAL
FORMER UNOCAL SERVICE STATION NO. 5618
591 THE CITY DRIVE SOUTH, ORANGE

Dear Mr. Carrier:

This Agency has reviewed the case history of the subject site for the purpose of evaluating case closure. A draft *Case Closure Summary* was prepared by this Agency pursuant to California Health and Safety Code, Section 25296.20. This letter is written to notify you and all current record owners of fee title or interested parties of our proposal to close the subject case and to forward a copy of the draft *Case Closure Summary* for your information.

If you have any information that would suggest that this case should not be closed, please inform this Agency by April 21, 2003. Contact may be made either in writing to the above address or by calling Nancy Olson-Martin of my staff at (909) 782-4497.

Sincerely,

Kenneth R. Williams

Kenneth R. Williams, Chief
Pollutant Investigation Section

Enclosure: *Case Closure Summary* (draft)

cc: Unocal Corporation, Real Estate & Remediation Services - Patricia Ellis (w/enclosure)
County of Orange, Sheriffs Financial/Real Property - Jim Harmon (w/enclosure)
City of Orange Fire Department – Kathy Dascomb (w/enclosure)
Orange County Water District – Roy Herndon (w/enclosure)
TRC – Anju Farfan (w/enclosure)
Vapor Extraction Technology, Inc. – James Reed (w/enclosure)

NOM:u5618precloltr

DRAFT

CASE CLOSURE SUMMARY

I. AGENCY INFORMATION

Date: March 21, 2003

Agency Name:	California Regional Water Quality Control Board, Santa Ana Region	Address:	3737 Main Street, Suite 500
City/state/zip:	Riverside, CA 92501-3348	Phone:	(909) 782-4497 or (909) 782-4130
Staff:	Nancy Olson-Martin	Title:	Sanitary Engineering Associate

II. CASE INFORMATION

Site Name:	Former Unocal Service Station No. 5618
Location:	591 The City Drive South, Orange
RB Case #:	No. 083001600T
Local Agency Case #:	N/A

Responsible Parties:	Address:	Phone Number:
Mr. Dan Carrier Union Oil Company of California RRMC	376 South Valencia Avenue Brea, CA 92823	(714) 577-1704

*Tank No.	Size In Gallons	Contents	Closed In-Place Removed?	Date
#1	10,000-gallon, single-walled steel underground storage tank (UST)	Gasoline	Removed	January 3, 1995
#2	10,000-gallon, single-walled steel UST	Gasoline	Removed	January 3, 1995
#3	280-gallon, single-walled steel UST	Waste Oil	Removed	January 3, 1995

*In addition to USTs and associated piping, two hydraulic hoists, one clarifier, and two dispenser islands were also removed in January 1995.

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause & type of release: Turbine and overfill leaks.	Also, waste oil tank and hydraulic hoist releases.
Site Characterization Complete:YES [x] NO [ ]	
Monitoring Wells Installed: Yes	Proper screened interval: YES [X] NO [ ]
Highest GW depth below ground surface (bgs): 34.09 feet bgs	Lowest depth: 68.08 feet bgs [Note: well MW18 is presently at ~69.10 bgs.]
Flow Direction: Northwest at ~0.01 ft/ft	Nearest/affected SW name: None
Most sensitive current GW use: MUN	Off-site beneficial use impacts: None
Groundwater Basin: Santa Ana Pressure	Reports(s) filed: California Regional Water Quality Control Board (Yes)
Report(s) on file? Yes	3737 Main Street, Suite 500, Riverside, CA 92501-3348

TREATMENT AND DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION TREATMENT OR DISPOSAL W/DESTINATION	DATE
TANKS/ PIPING	Three (3) USTs, two (2) hydraulic hoists, one (1) clarifier, and two (2) dispenser islands & associated piping	The three USTs and associated piping were removed and transported by Mike Brady Truk-N Service to the Yank-A-Tank facility in Anaheim Hills, California.	January 3 - 17, 1995
SOIL	Unknown	During tank, hoist, clarifier, and dispenser island removal activities, contaminated soil was excavated.	January 3 – 17, 1995
	5,156 Lbs.	A soil vapor extraction (SVE) system operated at the site. The system was connected to a total of nine (9) VES wells, dual-completed vadose well, and monitoring wells (VE1 through VE4, MW3A, MW4, MW5, MW8, and MW9). On January 13, 1998, the VES was upgraded to include two sparge wells (SP1 and SP2).	March 25, 1997 – June 6, 1998
GROUND-WATER	Free Product – Unknown	Manual free product recovery system.	August 1991 – June 1992
	N/A	Long-term groundwater monitoring and post-remedial monitoring were conducted at the site.	August 1990 - October 2002

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS – BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL - Maximum (mg/kg - ppm) Before Remediation		After Rem.	W ATER – Maximum (µg/l – ppb) [3] August 1991-	
	Tank Removal [1] January 1995	[2] Soil Investigations 8/90 – 6/96	Soil Conf. 1/98	April 2002	October 24, 2002
Total Recoverable Petroleum Hydro-carbons (TRPH)	140 (Hoist 1-7')	13 (B1-40')	NA	N/A	N/A
TPH-Gasoline	1200 (EF1-15')	12000 (MW3A-35')	100 (SP2-(35')	FP/130000 (MW5)	12000 (MW3A)
Organic Lead	11 (Hoist 1-7')	ND (<0.5)	NA	N/A	N/A
Benzene	0.011 (D1-2-3')	82 (MW3A-35')	2.3 (SP2-35')	FP/21000 (MW3)	[4]840 (MW3A)
Toluene	1.2 (EF1-15')	1000 (MW3A-35')	6.6 SP2-35')	FP/30000 (MW5)	[5]27 (MW3A)
Ethylbenzene	12 (EF1-15')	310 (MW3A-35')	1.3 (SP2-35')	FP/4200 (MW4)	[6]1100 (MW3A)
Total Xylenes	190 (EF1-15')	1930 (MW3A-35')	8.2 (SP2-35')	FP/20000 (MW3)	[7]410 (MW3A)
Methyl tertiary Butyl Ether (MTBE)	N/A	0.490 (MW3A-30')	3.15 (SP2-35')	[8]FP/10000 (MW9)	[9]0.63 (MW20)
Isopropylbenzene	[1]ND	NA	NA	72 (MW9)	91 (MW3A)
p-Isopropylbenzene	[1]ND	NA	NA	11 (MW9)	4.1 (MW3A)
Naphthalene	[1]ND	NA	NA	65 (MW3A)	160 (MW3A)
1,2,4-trimethylbenzene	[1]ND	NA	NA	360 (MW3A)	950 (MW3A)
1,3,5-Trimethylbenzene	[1]ND	NA	NA	99 (MW9)	240 (MW3A)
sec-Butylbenzene	[1]ND	NA	NA	20 (MW4)	15 (MW3A)
n-Propylbenzene	[1]ND	NA	NA	160 (MW9)	190 (MW3A)
n-Butylbenzene	[1]ND	NA	NA	23 (MW9)	29 (MW3A)

ND = Not Detected
N/A = Not Analyzed

Footnotes for table on page 3:

[1]Confirmation soil samples were collected after tank removal/excavation activities in January 1995. One sample, Hoist-1 @ 7 feet bgs, was analyzed by CAM TTLC Metal Analysis. The results were ND except for traces of arsenic (1.7 ppm), barium(41 ppm), cadmium (1.9 ppm), chromium (10 ppm), cobalt (4.2 ppm), copper (7.3 ppm), lead (11 pm), nickel (6.9 ppm), vanadium (18 ppm), and zinc (41 ppm). In addition, one soil sample (Hoist-1 @ 7') was analyzed for full-scan EPA Method 8260b. All of the results were ND. Also, MTBE was not analyzed from 1990-1995. Samples for MTBE were first analyzed during the June 1996 investigation.

[2]In 1990, soil samples were also analyzed for EPA Method 8010 for halogenated volatile organic compounds (HVOCs) and all of the results were ND. From 1990-1995, analyses did not include MTBE. On June 3, 1996, soil samples were analyzed for MTBE.

[3]The groundwater results represent the presence of free product (FP) and the maximum dissolved phase contamination level for that compound detected.

[4]All of the other wells (17) sampled on October 24, 2002, were all ND for benzene.

[5] Except for well MW4 (6.8 ppb), all of the other wells were ND for toluene.

[6]Except for well MW4 (28 ppb), all of the other wells were ND for ethylbenzene.

[7]Except for well MW4 (18 ppb), all of the other wells were ND for xylenes.

[8]Sample analyzed by EPA Method 8021b for MTBE.

[9]Except for well MW20 (0.63 ppb), all of the other wells were ND for MTBE. Samples were analyzed by EPA Method 8260b (full-scan).

IV. CLOSURE

Does completed corrective action protect beneficial uses per the regional board basin plan? YES [x] NO [ ]
Does the corrective action protect public health for current land use? YES [X] NO [ ]

NOTE: The monitoring wells must be properly abandoned and documentation regarding these activities must be submitted to this office.

SITE MANAGEMENT REQUIREMENTS
Should corrective action be reviewed if land use changes?
YES [ ] NO [ ]

V. ADDITIONAL COMMENTS, DATA, ETC.

A service station operated at the subject site from approximately 1968 until 1994. In May 1990, a preliminary subsurface investigation was conducted. Three vertical soil borings (B1, B5, and B6) and three angle soil borings (B2, B3, and B4) were drilled. The vertical borings were drilled to 61.5, 42.5, and 47.5, respectively. The angle borings were drilled to 47.5, 45, and 50 feet bgs. Groundwater was encountered at approximately 44 feet bgs during drilling activities. The soil results revealed petroleum-related hydrocarbon contamination detected in samples collected from borings B4 and B6, which indicated a release occurred in the vicinity of the gasoline USTs and associated piping.

From March 1990 and June 1994, a total of seven (7) additional soil borings (B7 through B11 and B1-B2), three (3) soil vapor extraction wells (VE1 through VE3), and seventeen (17) groundwater monitoring wells (MW1 through MW17) were installed to ~50 feet bgs. Results of the investigations revealed that both soil and groundwater beneath the site were impacted with petroleum hydrocarbons, primarily in the vicinity of the USTs. The investigations also revealed that TRPH-contaminated soil was localized in the vicinity of the southern hydraulic hoist and waste oil tank. Free product was detected in wells MW4 and MW5 up to 1.34 feet in thickness. From August 1991 until June 1992, a manual product removal program was implemented.

In December 1994 and January 1995, the station building and ground structures were demolished. On January 3, 1995, three (3) USTs/piping, two (2) hydraulic hoists, one (1) clarifier, and two (2) dispenser islands were removed. During UST removal activities, VE well VE3 was abandoned. On January 4, 1995, horizontal vapor extraction well (VE4) was installed at a depth of ~16 feet bgs in the former UST excavation. Removal activities and confirmation soil sampling was witnessed by the City of Orange Fire Department staff. Excavation activities revealed petroleum-impacted soil extending to a depth of ~15 feet bgs in the southeast corner of the gasoline UST excavation. The TRPH-impacted soil beneath the former hoists and clarifier were remediated through excavation activities.

In 1996, well MW-3 was abandoned and dual monitoring/vapor extraction well MW-3A was installed. Off-site well MW-17 was also abandoned. In March 25, 1997, a soil vapor extraction system (VES) started at the site. A total of nine wells were connected to the system. In January 1998, soil confirmation borings (B34 and B35) were drilled. The results revealed minor levels of TPH-g, BTXE, and MTBE remaining beneath the site. The borings were completed as air sparge wells (SP1 and SP2). In January 1998, the system was upgraded to include air sparge wells SP1 And SP2. The system operated until June 9, 1998. A total of 5,156 lbs. of hydrocarbons were recovered at the site.

On August 16, 2000, Regional Board staff approved three years of semiannual post-remedial groundwater monitoring at the site. Post-remedial monitoring continued through October 24, 2002.

Based on the following factors, site closure is recommended for this site:

- The former USTs/piping, hydraulic hoists, clarifier, and fuel dispensers were removed from the site.
- Soil and/or groundwater remediation included soil excavation, free product recovery, soil vapor extraction (SVE), and air sparge (AS). From March 1997 to June 1998, a total of 5,167 lbs. of hydrocarbons were recovered via SVE/AS.
- Soil confirmation borings revealed a significant decrease in soil contamination concentrations. Also, an additional six months of remediation occurred after the drilling and sampling of the two soil confirmation borings. Therefore, the remaining soil contamination concentrations were reduced even further.

V. ADDITIONAL COMMENTS, DATA, ETC. – continued:

- From August 1990 through October 24, 2002, long-term groundwater monitoring was conducted. The groundwater contamination concentrations were greatly reduced from free product and highly elevated dissolved contamination levels to localized contamination remaining in the vicinity of wells MW3A and MW4. The TPH-g and benzene concentrations were reduced from free product to 12,000 ppb and 840 ppb, respectively.

- It doesn't appear that the residual groundwater contamination levels remaining in the vicinity of MW3A and MW4 should pose a threat to groundwater quality or to human health.

VI. LOCAL AGENCY/RWQCB REPRESENTATIVE DATA

RWQCB SIGNATURE:

TITLE:

DATE:

APPENDIX F

Vapor Encroachment Screening

Phase I ESA Vapor Encroachment Conditions (VEC) matrix includes a (1) Search Radius Test, (2) Chemicals of Concern Test (COC), and (3) a Critical Distance Test [1].

(1) Search Radius Test: Are there any known or suspect contaminated properties in the primary area of concern within the corresponding search radii (including the site)?

☑ Yes ☐ No — If ***No***, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If ***Yes***, then:

(2) Chemicals of Concern Test: Are COC likely to be present within the area of concern for those known or suspect contaminated sites identified based on the Search Distance Test?

☑ Yes ☐ No — If ***No***, then screening for a VEC is complete and no VEC *currently* exists, go to #4. If ***Yes***, then:

(3) Critical Distance Test*: A plume test to determine whether or not COC in the contaminated plume(s) may be within the critical distance.

☑ Yes ☐ No — (3a) Is information related to the contaminated(s) plume available (i.e. isoconcentration maps, site drawings, etc.)?
(3b) If ***No***, then a VEC cannot be ruled out; check ***Yes*** in #4 below indicating it is likely a VEC exists. If ***Yes***, then:

☐ Yes ☑ No — (3c) Is the site less than 100 feet to the nearest edge of a contaminated [non-petroleum hydrocarbon] plume(s)? If ***Yes***, then check ***Yes*** in #4 below indicating it is likely a VEC exists.

☑ Yes ☐ No — (3d) Is the site less than 30 feet to the nearest edge of a dissolved petroleum hydrocarbon plume(s)? If ***Yes***, then check ***Yes*** in #4 below indicating it is likely a VEC exists.

*If the distance from the nearest edge of a contaminated plume to the nearest existing or planned structure on the site is less than 100 feet for non-petroleum hydrocarbon COC, or less than 30 feet for dissolved petroleum hydrocarbons, then it is presumed that a VEC *currently* exists beneath the site. If the distance from the nearest edge of the contaminated plume is greater than or equal to 100 feet for non-petroleum hydrocarbons, or 30 feet for dissolved petroleum hydrocarbon chemicals of concern, then it is presumed unlikely that a VEC *currently* exists beneath the site.

(4) Is it likely that a VEC *currently* exists beneath the site?

☑ Yes ☐ No — If ***No***, then the VEC screening is complete and no further investigation is recommended at this time. If ***Yes***, Ninyo & Moore recommends performing additional assessment, such as a Tier 2 VEC assessment according to ASTM E 2600-10.

[1] Based on guidance presented in the ASTM E 2600-10 Standard.

APPENDIX G

Qualification of the Environmental Professionals

Benjamin White

Project Geologist



EDUCATION

B.S., Geology, San Jose State University, San Jose, 2019

REGISTRATIONS/ CERTIFICATIONS

OSHA HAZWOPER 40-Hour Certification

OSHA Ladder Safety Training

OSHA Field Work Safety

Valley Fever Training

Driver Training

As a Project Geologist with Ninyo & Moore, Mr. White assists in the performance of Phase I and II Environmental Site Assessments, Air Quality Monitoring, Groundwater and Soil Sampling, Human Health Risk Assessments, and the production of Health & Safety Plans. Mr. White is very familiar with soil vapor and indoor air screening levels and toxicity reference values, interpreting historical aerial photography for potential environmental concerns, basic surveying and Geographic Information Systems data workflows, and serving clients in escrow so that lender requirements regarding environmental due diligence and liability are addressed satisfactorily.

EXPERIENCE

Active Dry-Cleaning Facility, Montebello, California: As a Project Geologist, Mr. White provided environmental consulting services to a private client related to the assessment and recommendations concerning the potential extent and effectiveness of past soil vapor extraction remedial actions of a known PCE impact to the subsurface of the site from historical dry-cleaning operations.

Former Chemical Manufacturing Site, Santa Fe Springs, California: As a Project Geologist, Mr. White provided environmental services to a private client related to Operations and Maintenance of a groundwater extraction and treatment system. Mr. White completed the regular servicing of field meters, an entrainment tank, bag filter housings, carbon vessels, and the recurring sampling of influent to, and effluent from, the primary carbon vessel to ensure that groundwater treated by the system was meeting Los Angeles County Sanitation Districts (LACSD) effluent discharge requirements prior to entering the LACSD water treatment system.

Active Dry-Cleaning and Former Grocery Store Site, Lancaster, California: As a Staff Geologist, Mr. White provided environmental consulting services to a private client related to a Phase II Environmental Site Assessment of soil vapor and indoor conditions for private client to assess whether historical operations of a dry cleaner that have utilized tetrachloroethene (PCE) may have impacted the site. Mr. White's environmental consulting services included on-site oversight of the subcontractor, preparation of a report documenting field operations and analytical results, and advising the client on results and any potential environmental concerns for future use of the site.

Former Refinery Site, Long Beach, California: As a Staff Geologist, Mr. White provided environmental and environmental consulting services to a private client related to South Coast Air Quality Management District (SCAQMD) Rule 1166 impacted soil emission monitoring during demolition of underground oil refining and storage appurtenances and installation of new underground appurtenances, soil sampling for impacts from historical refining and storage operations, on-site supervision of the installation of underground collection piping for a large soil vapor extraction system, and a Phase I Environmental Site Assessment for the site following completion of a warehouse building.

Jeff Aguilar, PG
Principal Geologist



EDUCATION

BS, Geology, 1986, University of Nebraska

REGISTRATIONS/ CERTIFICATIONS

PG 8178 (California)

OSHA 40-hour HAZWOPER with

8-hour refreshers

OSHA 8-hour HAZWOPER Site Supervisor Training

First Aid and CPR Training

PROFESSIONAL AFFILIATIONS

South Coast Geological Society

As a Principal Geologist, Mr. Jeff Aguilar has extensive experience as an environmental geologist and project manager and is skilled in portfolio and project management, regulatory and client interactions, technical report writing and data analysis. His areas of expertise include developing investigative scopes of work, cost proposals; permitting; feasibility studies; methane surveys, remedial design and implementation; subcontractor management; operation of treatment systems; compliance monitoring; reporting and regulatory negotiations. He is knowledgeable in the regulatory process of federal, state, and local agencies including the United States Environmental Protection Agency (USEPA), California Regional Water Quality Control Board (RWQCB) Cal- EPA Department of Toxic Substances Control (DTSC), South Coast Air Quality Management District (SCAQMD) and Orange County Health Care Agency (OCHCA).

RELEVANT PROJECT EXPERIENCE

Exide Lead Smelter, Vernon, California: Lead geologist retained to investigate and characterize contaminants associated with 100 years' worth of industrial use on a former lead smelter property. Ensured regulatory compliance during the demolition of the property and provided technical review and approval of all reports and regulatory required documents. Calculated and managed the total cleanup cost of the site which was expected to exceed 100 million. Was responsible for tracking and maintaining the budget and management of all subcontractors. Oversaw all fieldwork associated with the project and managed all subcontractor budgets and invoicing. Was involved in all regulatory and legal interactions and worked to ensure that all regulatory deadlines for state and federal agencies were met. Challenges included negotiating with multiple regulatory agencies and interactions with community activists and environmental groups.

ExxonMobil Portfolio Management, Orange and San Diego Counties, California: Managed a portfolio of 52 sites across Orange and San Diego County for ExxonMobil. The portfolio was budgeted at 2 million annually and consisted of sites that ranged from needing closure requests to those that needed complete characterization and remediation. Implemented multiple types of remediation at the sites to expedite case closure. Managed a team that closed half of the sites within the first two years. The rapid closure schedule was completed on budget and allowed the client to sell the properties sooner than planned and with limited liability. Challenges included limited budget, a challenging regulatory environment and expedited closure schedules.

Department of Defense Contractor, Hawthorne, California: Conducted an expedited due diligence environmental investigation of an oilfield located on an Aerospace company for the Department of Defense. Challenges included limited historical research documents and a limited budget. Phase I and Phase II investigations were completed on time and on budget and the abandoned oilfield wells were successfully located allowing for proposed construction work to proceed without any delay to schedule.

Aervoe Paint, Compton, California: As Lead Geologist, I managed the investigation and remediation of a former paint manufacturer. The investigation involved installing multiple wells into the local drinking aquifer which required specialized drilling techniques and well construction to prevent contaminant migration. A specialized

remediation system was designed and constructed to remediate the large contaminant plume which underlay several city blocks. Challenges included limited access on neighboring properties and difficult drilling conditions. The investigation was completed on time and on budget and a site-specific remediation system is currently operating.

Ammunition and Explosives Manufacturer, Hercules, California: Oversaw the investigation of a property with a history of ammunition and explosives manufacturing. The property was to be graded to allow construction of new homes. Expedited Phase II investigations were completed using multiple types of drilling technology and contaminant impacts were located, characterized and remediated. Challenges included multiple types of contaminants and a short timeframe for project completion. Multiple drilling companies were used simultaneously to expedite the investigation and remediation. The project was finished on time allowing the construction of homes to proceed without delay.

Chevron Bulk Terminal Project, El Segundo, California: As Lead Geologist on this project, I oversaw the excavation of ½ mile of pipeline located in a major thoroughfare leading to a bulk terminal in El Segundo. The pipeline was exposed and replaced in sections over a six-month period. During excavation, air monitoring was performed and soil was continually inspected for impacts. Impacted soil was characterized, delineated, excavated and segregated. The characterization and excavation of the soil had to be performed quickly so as not to delay the replacement of the pipeline and to minimize the impact on traffic in the thoroughfare. Negotiations were conducted to reuse the excavated soil at a different construction site therefore saving the client on transportation and disposal costs. Challenges included working in the public right of way and safety of personnel due to traffic and heavy machinery. The project was completed safely, on time and on budget.

ExxonMobil Groundwater Remediation System Installation, Dana Point, California: As Lead Geologist, I oversaw the installation of a groundwater extraction system at an operating service station impacted by a historical release. Due to the time lapse between the release and discovery dates, impacted groundwater had traveled a significant distance under nearby streets with high traffic volume. A site-specific remediation system was designed but reaching the downgradient edge of the plume with the remediation system presented a challenge. A specialized drilling subcontractor was utilized to horizontally drill beneath the streets to install remedial piping without disrupting traffic. The vacuum on the remediation system was increased to accommodate the long distances that the impacted groundwater had to be pulled. The system was installed safely and on budget and after three years of operating the system, it had cleaned the site to a level where a No Further Action letter was issued.

Lennar Home Builders, Yorba Linda, California: Oversaw the investigation, characterization and remediation of a 35-acre parcel that was redeveloped for single family residences. The site had multiple impacts to soil from multiple contaminants and had five oil pumping wells that required abandonment prior to site redevelopment. Challenges included multiple stakeholders, challenging terrain and a challenging regulatory environment. A comprehensive remedial action plan was created, approved and implemented. The Orange County Health Care Agency agreed that the site was remediated to their standards and construction was allowed to proceed with no delay. All work was completed safely with little to no impact to the surrounding neighborhood.

Kenneth Cho

Staff Engineer



EDUCATION

M.S., Civil and Environmental Engineering, Stanford University, Palo Alto, 2023

B.A., Earth Science, University of Pennsylvania, Philadelphia, 2021

REGISTRATIONS/ CERTIFICATIONS

OSHA HAZWOPER 40-Hour Certification

As a Staff Engineer with Ninyo & Moore, Mr. Kenneth Cho assists in data acquisition, documentation, and dissemination of data related to all phases of Phase I and Phase II Environmental Site Assessments; prepares correspondence, permit requests, reports, and other documents relating to Groundwater and Soil Sampling; and provides as-needed support for various field work.

EXPERIENCE

Training Facility, Port of Los Angeles, Los Angeles, California: Staff engineer assisted in gathering soil samples and classifying geologic material from boreholes for proposed port training facility.

Center for Advanced Care, University of California, Irvine, California: Staff engineer measured volatile organic contaminants (VOCs) using a Photoionization Detector (PID) around freshly excavated soil for the building of an advanced medical care facility.

Victorville, Former Nuway Cleaners Property Remediation, Victorville, California: Staff engineer performed various operation and maintenance tasks for VOC remediation project.

Homeless Facilities Project, Los Angeles Bureau of Engineering, Los Angeles, California: Staff engineer prepared Phase I Environmental Site Assessment (ESA) report and performed site reconnaissance for proposed homeless facilities project in Los Angeles.

Adult Education Center and District Office, Orangewood, California: Staff engineer prepared Phase I ESA report and performed site reconnaissance for proposed adult education center and district office in Orangewood.



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Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

APPENDIX F-2

LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT (ESA)

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Limited Phase II Environmental Site Assessment

Workforce Reentry Center

561 The City Drive South

Orange, California 92868

County of Orange Executive Office
Real Estate/Land Development

400 West Civic Center Drive, 5th Floor | Santa Ana, California 92701

March 28, 2025 | Project No. 212797001



Geotechnical | Environmental | Construction Inspection & Testing | Forensic Engineering & Expert Witness

Geophysics | Engineering Geology | Laboratory Testing | Industrial Hygiene | Occupational Safety | Air Quality | GIS

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

35+ YEARS

Limited Phase II Environmental Site Assessment
Workforce Reentry Center
561 The City Drive South
Orange, California 92868

Mr. Ryan Rigali
County of Orange Executive Office
Real Estate/Land Development
400 West Civic Center Drive, 5th Floor | Santa Ana, California 92701

March 28, 2025 | Project No. 212797001

Jonathan Sachrison
Staff Environmental Scientist

Eduardo Chavez
Project Geologist

Jeff Aguilar, PG
Principal Geologist

PROFESSIONAL GEOLOGIST
JEFF AGUILAR
No. 8178
STATE OF CALIFORNIA

JQS/EAC/JA/lva/mlc/lva

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1 INTRODUCTION

Ninyo & Moore has prepared this Phase II Environmental Site Assessment (ESA) report (Report) on behalf of the County of Orange (Client) for the Workforce Reentry Center project located at 561 The City Drive, Orange, California (site; Figure 1). In July 2024, Ninyo & Moore prepared the Revised Proposal for Environmental Consulting Services (Ninyo & Moore, 2024a) to evaluate the environmental conditions of the site. The Phase II ESA is part of the design and development of the Workforce Reentry Center at the site, which will include a housing structure and commercial businesses.

Within the Revised Proposal for Environmental Consulting Services (Ninyo & Moore, 2024a), Ninyo & Moore proposed a scope of work and sampling analysis plan which would investigate the recognized environmental conditions (RECs) that were identified in Ninyo & Moore's June 14, 2024 Phase I ESA (Ninyo & Moore, 2024b) for the site. This Phase II ESA investigates the potential impact of aerially deposited lead from the Garden Grove Freeway (SR-22), the potential contamination of soil vapor from the former leaking underground storage tank (LUST) case at 591 the City Drive South, and the undocumented fill material located under the footprints of the proposed housing structures.

2 BACKGROUND INFORMATION

Pertinent background information to the Phase II ESA is presented below.

2.1 Site Description and Location

The site is located in Orange, California and encompasses approximately 4.6 acres. The site is currently unoccupied, but was previously operated as a gasoline service station. This service station used two 9,950-gallon motor vehicle fuel tanks containing regular and unleaded fuel and one 280-gallon waste oil tank. This facility is listed on the GeoTracker database as having a LUST case with the name UNOCAL#5618 (T0605901216). It was granted case-closure by the Santa Ana Regional Water Quality Control Board on April 25, 2003. The site was most recently operated as an animal shelter. City directories list that the animal shelter and Animal Control occupied the site from at least 1980 to 2010. Since at least 2014, the site has been unoccupied and owned by the County of Orange. The site is now planned to be developed as a workforce reentry center.

2.2 Phase I Environmental Site Assessment (ESA), Workforce Reentry Center 561 The City Drive South (Ninyo & Moore, 2024b)

Ninyo & Moore conducted a Phase I ESA at the site in 2024 to identify RECs at the subject property. The Phase I ESA included review of the physical setting and background information, a property reconnaissance, review of regulatory agency databases for the property and nearby properties, review of historical information, user-provided information, interview with the property

owner, and opinions by Ninyo & Moore regarding discovered RECs. The user-provided information listed the presence of lead-based paint and asbestos within the on-site buildings and a 2024 ENCORP Asbestos & Lead-Based Paint Inspection Report indicated the presence of asbestos containing materials (ACMs) and lead-based paints (LBPs) on-site (ENCORP, 2024). The user indicated that abatement has since been completed. The following RECs were listed in the Phase I ESA:

- Potential for aerially-deposited lead contamination from the 22 Freeway.
- Residual levels of some contaminants from the LUST case at 591 The City Drive South which, based on the information provided in the closure packet used in case closure in 2003 by the Santa Ana Regional Water Quality Control Board, exceed present day residential screening levels in soil, as well as maximum contaminant levels (MCLs) for groundwater.
- A potential for vapor encroachment due to the former LUST case at 591 The City Drive South.

3 LIMITED PHASE II ESA

The scope of work for the Phase II ESA is described in the following sections. All field work was performed under the supervision of a California licensed professional geologist.

Groundwater sampling was not conducted during this Limited Phase II ESA, as the volatilization of contaminants from impacted groundwater which would be detected in the soil vapor samples collected during the investigation.

3.1 Pre-Field Activities

This section describes pre-field activities completed prior to the Phase II ESA soil and soil vapor sample collection.

3.1.1 Permits

A Well Permit Application was submitted to the City of Orange on August 19, 2024. The City of Orange responded by saying that no permit was required for the borings because the borings were shallower than 50 feet and groundwater would not be encountered.

3.1.2 Health and Safety Plan

A Health and Safety Plan was prepared which listed the project scope of work and identified the suspected chemicals of potential concern that may be present within the investigation area. Prior to the initiation of field activities, a safety briefing was conducted to evaluate potential physical and chemical hazards that could be encountered and outlined measures to be taken if encountered. Personnel working within the investigation area signed the safety form acknowledging their participation in the briefing.

3.1.3 Underground Service Alert (USA)

Prior to commencement of field activities, Underground Service Alert (USA) of Southern California (Dig Alert) was notified of the intent to conduct the Phase II ESA and advance borings into the subsurface. Prior to contacting USA, each proposed boring location was marked on the ground with paint. An inquiry identification number was obtained for the boring locations (USA Ticket No. A242330400-00A). The presence of potential subsurface utilities or obstructions was also checked against available drawings provided by County of Orange, to the extent available.

3.1.4 Geophysical Survey

On August 26, 2024, at each proposed boring location, a geophysical survey was performed by Subsurface Surveys, Inc. of Carlsbad, California, to locate potential subsurface utilities and/or obstructions that could affect the advancement of the boring. The geophysical investigative methods used included electromagnetic induction, magnetometry, and ground penetrating radar. This equipment was used to evaluate and clear each proposed boring location for subsurface utilities and other possible buried obstructions within the proposed investigation areas. The Geophysical Investigation Report is included as Appendix A.

3.2 Field Activities

The following sections present the activities associated with the advancement and sampling of the soil borings and soil vapor probe installation. The boring locations are shown on Figure 2. Photographs taken during the field work activities are presented in Appendix B.

3.2.1 Drilling

On August 26 and 27, 2024, Ninyo & Moore oversaw the advancement of eight borings (B-1 through B-8, Figure 2) by MR Drilling of Santa Fe Springs, California. The soil borings were advanced using a Geoprobe 7822 DT track mounted direct push drill rig to depths between approximately 15 feet and 25 feet below ground surface (bgs). Borings were initially cleared through the use of soft digging methods (i.e., hand auguring) to a depth of approximately five feet bgs to reduce the risk of damaging potentially unknown underground utilities or structures that may be present. Following the clearing of each boring location to approximately five feet bgs, each boring was advanced via direct push to its target depth.

3.2.2 Soil Screening and Sampling

Soil borings were continuously logged using the Unified Soil Classification System (USCS). Field personnel performed all field work under the supervision of the Professional Geologist designated for the Phase II ESA. A lithologic description of the materials encountered and

collected during this Phase II ESA was listed on the boring logs created for this investigation (Appendix C). Final boring logs were reviewed by a licensed Professional Geologist (PG). Fill soil encountered between ground surface and approximately 10 feet bgs consisted mainly of dark brown to light brown, dry, loose, silty sands with trace subangular gravel. Native soil was first encountered between approximately 10 and 15 feet bgs and consisted mainly of brown to reddish gray, moist, firm, silty clay with low plasticity.

Soil samples were not collected from borings B-1 through B-3 and B-5. Six soil samples were collected from each of the two soil borings closest to the freeway (B-7 and B-8) to determine the potential impact from aerially deposited lead. These soil samples were collected in 8-ounce jars at 0.5 feet bgs and at every foot from 1 foot to 5 feet bgs for lead analysis. In the two 25-foot soil borings (B-4 and B-6) discrete soil samples were collected every 5 feet bgs to the target maximum depth by inserting acetate sleeves into the direct-push rods and advancing the rods. The acetate sleeves were removed from the rods, cut above and below each desired sampling depth, and covered by placing Teflon® sheet and plastic caps over the exposed ends. Field staff immediately preserved a portion of each soil sample by Environmental Protection Agency (EPA) Method 5035 (Terra Core®, or equivalent) for analysis of total petroleum hydrocarbons (TPH) as gasoline, diesel, and motor-oil and volatile organic compounds (VOCs).

3.2.3 Laboratory Analysis

Soil samples were labeled and stored in a cooler with ice where they were chilled to approximately 4 degrees Celsius. The soil samples were transported to Orange Coast Analytical, Inc. (OCA) of Tustin, California, a California-certified fixed laboratory under proper Chain of Custody protocol and were designated for analysis of one or more of the following parameters:

- TPH gasoline range organics (GRO), diesel range organics (DRO), and motor oil range organics (MRO) in accordance with EPA Methods 8015B/5035.
- VOCs in accordance with EPA Methods 8260B/5035.
- Title 22 Metals in accordance with EPA Methods 6010B/7471A.
- Total lead in accordance with EPA Method 6010B.
- Organochlorine pesticides (OCPs) in accordance with EPA Method 8081A.
- Polycyclic aromatic hydrocarbons (PAHs) in accordance with EPA 8270SIM.
- Polychlorinated Biphenyls (PCBs) by EPA 8082.

3.2.4 Soil Vapor Probe Installation and Sampling

After drilling and soil sampling activities were conducted, temporary soil vapor probes were installed at each boring location in general accordance with the 2015 Department of Toxic Substances Control (DTSC) Advisory Active Soil Gas Investigations (DTSC, 2015) with probe tips placed at approximately five feet and between ten and eighteen feet bgs, depending on soil conditions. The functionality of each probe was confirmed by the installation team prior to leaving the work area at the end of each day. Each soil vapor probe was centered in one foot of filter sand pack. The remainder of the borehole was backfilled with dry and hydrated granular bentonite, which was moistened approximately one foot above the sand pack.

On August 28, 2024, after allowing the subsurface conditions to equilibrate for approximately 24 hours, soil vapor samples were collected by Jones Environmental of Santa Fe Springs, California, and analyzed by a mobile analytical laboratory for the full suite (halogenated and non-halogenated) of VOCs and for TPH GRO by EPA Method 8260. Before sampling, the temporary soil vapor probes were purged of three purge volumes at a rate of approximately 200 milliliters per minute.

Following the initial soil vapor investigation, Ninyo & Moore mobilized on January 10, 2025 with MR Drilling to advance four additional soil borings (B-9 through B-12) to further investigate the soil vapor concentrations previously detected beneath the site and proposed building footprints. Temporary soil vapor probes were installed at each boring in general accordance with the 2015 DTSC Advisory Active Soil Gas Investigations (DTSC, 2015) with probe tips placed at approximately five feet and between twelve and fifteen feet bgs. Soil borings were continuously logged using the USCS. Field personnel performed field work under the supervision of the Professional Geologist designated for the Phase II ESA. A lithologic description of the materials encountered and collected during this Phase II ESA was listed on the boring logs created for this investigation (Appendix C). Final boring logs were reviewed by a licensed Professional Geologist (PG). Soil conditions were generally consistent with the lithology encountered during the August 2024 investigation.

On January 15, 2025, after allowing the subsurface conditions to equilibrate, soil vapor samples were collected from the new borings (borings B-9 through B-12) by Jones Environmental and analyzed by their mobile analytical laboratory for the full suite (halogenated and non-halogenated) of low-level VOCs and for TPH GRO by EPA Method 8260. In addition, the previously installed soil vapor probes were resampled and reanalyzed for benzene only. Before sampling, all soil vapor probes were purged of three purge volumes at a rate of approximately 200 milliliters per minute.

3.3 Investigation-Derived Waste (IDW)

One drum containing soil cuttings and decontamination water generated during the August field activities was containerized in a Department of Transportation-approved 55-gallon drum, labeled appropriately, and stored in a secure location provided by the Client until off-site disposal was arranged. Based on the waste characterization analytical results received from OCA, the soil cuttings generated from the Phase II ESA investigation activities were classified as non-hazardous waste. The waste drum was removed and disposed of off-site at Environmental Waste Solutions located at 31915 Industrial Lane in Parker South, Arizona. The waste was transported by Capitol Environmental Services, Inc. on October 16, 2024. A copy of the non-hazardous waste manifest form is included in Appendix D. Soil cuttings and decontamination water generated during the January 2025 field activities were containerized in a Department of Transportation-approved 55-gallon drum, labeled appropriately, and stored in a secure location provided by the Client. At the time of this report, this drum is on-site pending non-hazardous disposal.

4 FIELD VARIANCES

Select sample locations and depths were adjusted based on field observations and site conditions prior to sampling. Changes were made due to observed obstructions, subsurface features or soil conditions. The following variances were noted:

- The deeper soil vapor probes were planned to be installed at 15 feet bgs, but due to subsurface soil conditions, the deeper probe was instead installed between 10 and 18.5 feet bgs at borings B-1 (12 feet bgs), B-2 (10 feet bgs), B-3 (17 feet bgs), B-5 (12 feet bgs), B-7 (10 feet bgs), B-8 (18.5 feet bgs), B-9 (12 feet bgs), B-11 (14 feet bgs), and B-12 (12 feet bgs).
- Due to refusal, soil conditions, and encountered concrete, soil borings B-4, B-6, B-7, and B-8 were advanced up to 24 feet away from their original marked locations (see Figure 2).

5 ANALYTICAL RESULTS

Analytical results for soil and soil vapor are presented in Tables 1 through 5. Laboratory reports are provided in Appendix E.

Soil analytical results were compared to United States EPA Regional Screening Levels (RSLs) for residential and commercial/industrial soil (EPA, 2024), DTSC Human and Ecological Risk Office (HERO) screening levels for residential and commercial/industrial land use (DTSC, 2022), DTSC Acceptable Clean Up Levels for arsenic (DTSC, 2008), the San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels (SFBRWQCB ESLs) for residential and commercial/industrial soil (SFBRWQCB, 2019), and hazardous waste criteria. Soil vapor analytical results were compared to modified EPA RSLs for air (EPA, 2024) and modified DTSC HERO air screening levels (DTSC, 2022) for residential and commercial/industrial air each assuming an attenuation factor of 0.03 (DTSC, 2023). Soil vapor samples were also compared to

SFBRWQCB soil gas ESLs for residential and commercial/industrial vapor intrusion risk (SFBRWQCB, 2019).

5.1 Soil Sampling Results

Soil sample results are presented in the following sections. Soil sample results are summarized in Tables 1 through 4.

5.1.1 TPHs

- TPH GRO were not detected in any soil sample above the laboratory reporting limits which are below the applicable regulatory screening levels.

- TPH DRO were detected in three of ten soil samples at concentrations ranging from 38 milligrams per kilogram (mg/kg) to 660 mg/kg. Samples B-4-10 and B-4-15 contained TPH DRO at 660 and 430 mg/kg, respectively which exceed the residential EPA RSL of 96 mg/kg (EPA, 2024).

- TPH MRO were detected in three of ten soil samples at concentrations ranging from 110 milligrams per kilogram (mg/kg) to 4,100 mg/kg. These detected concentrations are below applicable regulatory screening levels.

5.1.2 PAHs and OCPs

- PAHs were detected in one (B-6-5) of ten soil samples analyzed. The PAHs benz(a)anthracene, benzo(b)fluoranthene, chrysene, fluoranthene, and pyrene were detected at concentrations of 0.470 mg/kg, 0.480 mg/kg, 0.620 mg/kg, 0.600 mg/kg, 0.580 mg/kg, respectively. Each detected concentration was below its applicable regulatory screening levels.

- OCPs were detected in one (B-6-5) of ten soil samples analyzed. The OCPs 4,4'-DDD and 4,4'-DDE were detected at concentrations of 0.041 mg/kg and 0.014 mg/kg, respectively. Each detected concentration was below its applicable regulatory screening levels.

5.1.3 Lead and Other Metals

- Lead was detected in each soil sample collected at concentrations ranging from 2.6 mg/kg to 39 mg/kg. These detections were below applicable regulatory screening levels.

- Arsenic was detected in eight of ten soil samples at concentrations ranging from 3.9 mg/kg to 50 mg/kg. In one of the eight samples in which arsenic was detected (sample B-4-10), the detectable concentration of arsenic (50 mg/kg) exceeded the DTSC Maximum Allowable Concentration of 12 mg/kg (DTSC, 2020). This concentration also exceeds ten times the soluble threshold limit concentration (STLC). STLC analysis indicated the concentration of soluble arsenic in sample B-4-10 (2.4 milligrams per liter [mg/L]) to be below the STLC-based Non-Resource Conservation and Recovery Act (Non-RCRA), California hazardous waste criteria of 5 mg/L.

5.2 Soil Vapor Sampling Results

Soil vapor sample results from each sampling event are presented in the following sections. Replicate sample results are excluded from this discussion as they are taken for quality control purposes only. Soil vapor sample results are summarized in Table 5.

5.2.1 August 2024 Sampling Event

- Benzene was detected in one of sixteen soil vapor samples (SV-3-17) at a concentration of 28 micrograms per cubic meter (µg/m^3), exceeding the commercial DTSC HERO human health risk assessment (HHRA) screening level of 14 µg/m^3 (DTSC, 2022). Benzene was not detected above the laboratory reporting limit in the other soil vapor samples analyzed, but it is noted that the laboratory reporting limit of 8 µg/m^3 exceeds the residential DTSC HERO HHRA screening level of 3.2 µg/m^3 (DTSC, 2022).

- Tetrachloroethene (PCE) was detected in eight of the sixteen vapor samples at concentrations ranging from 10 to 73 µg/m^3. Six samples had PCE concentrations that exceeded the residential DTSC HERO HHRA screening level of 15.3 µg/L: (73 µg/L at SV-1-5, 37 µg/L at SV-1-12, 18 µg/L at SV-3-17, 35 µg/L at SV-5-5, 22 µg/L at SV-5-12, and 16 µg/L at SV-7-5). In addition, the detected concentration of 73 µg/L at SV-1-5 exceeded the commercial DTSC HERO HHRA screening level of 66.7 µg/m^3 (DTSC, 2022).

- TPH GRO were not detected above the laboratory reporting limit in the soil vapor samples collected. The laboratory reporting limit was below the regulatory screening levels.

- Other VOCs detected above laboratory reporting limits but below regulatory screening levels are 4-isopropyltoluene, Freon 11, Freon 12, tert-butylalcohol, and toluene. No other VOCs were detected above laboratory reporting limits.

5.2.2 January 2025 Sampling Event

- Benzene was detected in one of the twenty-four soil vapor samples (SV-11-14) at a concentration of 8 µg/m^3, which exceeds the residential DTSC HERO human health risk assessment (HHRA) screening level of 3.2 µg/m^3 (DTSC, 2022). Notably, benzene was not detected above the laboratory reporting limit in the 17-foot soil vapor probe at B-3 where it had previously been detected above the DTSC HERO HHRA screening level in the August 2024 sampling event.

- Tetrachloroethene (PCE) was detected in three of the eight vapor samples at concentrations ranging from 8 to 55 µg/m^3. The PCE concentration of 55 µg/m^3 detected in sample SV-9-12 exceeds the residential DTSC HERO HHRA screening level of 15.3 µg/L (DTSC, 2022).

- TPH GRO were not detected above the laboratory reporting limit in the soil vapor samples analyzed. The laboratory reporting limit was below the regulatory screening levels.

- Other VOCs detected above laboratory reporting limits but below regulatory screening levels are 4-isopropyltoluene, ethylbenzene, Freon 11, Freon 12, tert-butylalcohol, and toluene. No other VOCs were detected above laboratory reporting limits.

- Of note, while non-detect to their respective method detection limits, the method detection limits of the VOCs bromodichloromethane, 1,2-dibromoethane, naphthalene, 1,1,2,2-trichloroethane, and vinyl chloride still exceeded the relevant screening levels.

6 FINDINGS AND CONCLUSIONS

Ninyo & Moore's findings and conclusions for the Phase II ESA are as follows:

- The results of this Phase II ESA indicate that petroleum hydrocarbons impact on-site soil, particularly diesel. This is evidenced by the following findings and observations:

- TPH DRO were detected in soil in boring B-4 at 10 and 15 feet bgs and in boring B-6 at 5 feet bgs. B-4-10 and B-4-15 contained TPH DRO concentrations that exceeded the residential EPA RSL of 96 mg/kg (EPA, 2024), at 660 and 430 mg/kg, respectively.

- Concentrations of arsenic were encountered at the 10-foot bgs sample from boring B-4 at a concentration (50 mg/kg), which exceeds the DTSC maximum allowable concentration of 12 mg/kg, and is greater than ten times the STLC-based hazardous waste screening criteria, though an actual STLC analysis of sample B-4-10 indicated that soluble arsenic in this sample (2.4 mg/L) is below the STLC-based Non-RCRA, California hazardous waste criteria of 5 mg/L.

- Results of this Phase II ESA indicate that aerially deposited lead has not resulted in lead concentrations above residential regulatory screening levels, and based on these results, additional investigation does not appear warranted.

- PCE was detected in soil vapor at levels exceeding the DTSC residential screening level for soil vapor (modified from the indoor air screening level) of 15.3 µg/m^3 in seven soil vapor probes, indicating there is a potential unknown source of PCE in the general area. One sample, SV-1-5, had a detected PCE concentration exceeding the DTSC commercial screening level for soil vapor (modified from the indoor air screening level) of 66.7 µg/m^3

- Benzene was detected in soil vapor at levels exceeding both the DTSC residential and commercial screening levels for soil vapor (modified from the indoor air screening level) of, respectively, 3.2 and 14 µg/m^3 in the seventeen-foot soil vapor probe at boring B-3 during the August 2024 sampling event. Benzene was detected in soil vapor at levels exceeding the DTSC residential screening level for soil vapor (modified from the indoor air screening level) of 3.2 µg/m^3 in the 14-foot soil vapor probe at boring B-11 during the January 2025 sampling event. Benzene was not detected above the laboratory reporting limit in the other soil vapor samples analyzed.

- Although analyses for VOCs were run for lower-than-normal method detection limits, the method detection limits for the VOCs bromodichloromethane, 1,2-dibromoethane, naphthalene, 1,1,2,2-trichloroethane, and vinyl chloride still exceeded the relevant screening levels.

7 RECOMMENDATIONS

Based on the findings of this Phase II ESA, Ninyo & Moore recommends the following:

- Ninyo & Moore recommends that the Soil Management Plan (SMP) be followed if soil is to be disturbed during construction activities. The SMP describes the protocols for excavation, temporary stockpiling, handling, and disposal of impacted soil that may be encountered at the site. The SMP also provides guidance for monitoring requirements to be followed during excavation activities, stockpiling procedures, requirements for excavated soil waste characterization (and any resulting soil disposal requirements), sampling and analytical requirements in the event impacted soil is encountered, soil screening levels which should be

used for comparison to any analytical results obtained, and any applicable regulatory reporting requirements.

- Arsenic is a naturally occurring element found in soil. The soil sample with the detected arsenic concentration that exceeded the DTSC Maximum Allowable Concentration was collected at 10 feet bgs and therefore exposure to the impacted soil is unlikely. If encountered, OSHA health and safety guidance and SMP protocols should be followed.

- TPH DRO were detected at concentrations exceeding regulatory screening levels in soil in borings B-4. If encountered, OSHA health and safety guidance and SMP protocols should be followed.

- Impacts to the subsurface encountered during this Limited Phase II ESA include elevated arsenic and TPH DRO concentrations in soil above regulatory screening levels. Ninyo & Moore recommends that soil which may be encountered at the locations where elevated concentrations were detected should be characterized and disposed of off-site in accordance with the SMP. Soil that is excavated from areas of the site where elevated concentrations were not detected in soil should, at a minimum, be assessed for reuse criteria if the County of Orange desires to reuse soil on-site. The reuse characterization should be in general accordance with the DTSC's 2001 Information Advisory Clean Imported Fill Material guidance document. The County of Orange should follow the 2001 DTSC Information Advisory Clean Imported Fill Material recommendations on the number of samples which should be analyzed, which is based on the volume of soil proposed for reuse at, or import to, a site. Additionally, in general accordance with the 2001 DTSC Information Advisory Clean Imported Fill Material and the known presence of fill material at the site, the County should, at a minimum analyze each potential reuse soil samples for the following analyses:

    - Title 22 Metals in accordance with EPA Method 6010B/7471A;
    - VOCs in accordance with EPA Method 8260B/5035;
    - TPH in accordance with EPA Method 8015;
    - Semi-volatile organic compounds and PAHS in accordance with EPA Method 8270SIM;
    - Organochlorine pesticides in accordance with EPA Method 8141A;
    - Chlorinated herbicides in accordance with EPA Method 8151A;
    - Asbestos (qualitative analysis); and
    - Potential of Hydrogen (pH)

- PCE was detected above the DTSC residential screening levels for soil vapor (modified from the indoor air screening level) in seven soil vapor probes. In sample SV-1-5, the detected concentration exceeded the DTSC commercial screening level for soil vapor (modified from the indoor air screening level). If future construction activities occur in the areas and depths where the sample with elevated PCE was collected (SV-1 at 5 and 12 feet bgs, SV-3 at 17 feet bgs, SV-5 at 5 and 12 feet bgs, SV-7 at 5 feet bgs, SV-9 at 12 feet bgs), it is recommended that OSHA health and safety guidance and SMP protocols be followed.

- Benzene was detected above the DTSC residential and commercial screening level for soil vapor (modified from the indoor air screening level) in sample SV-3-17. Additionally, benzene was detected above the DTSC residential screening level for soil vapor (modified from the indoor air screening level) in sample SV-11-14. If future construction activities occur in the areas and depths where the sample with elevated benzene was collected (SV-3 at 17 feet and

SV-11 at 14 feet), it is recommended that OSHA health and safety guidance and SMP protocols be followed

- Due to the presence of VOCs in soil vapor, particularly benzene and PCE, a human health risk assessment was performed.

- Although soil vapor analyses were run for lower-than-normal detection limits, the constituents bromodichloromethane, 1,2-dibromoethane, naphthalene, 1,1,2,2-trichloroethane, and vinyl chloride have screening levels that are still below the low-level limits used by the laboratory; therefore, it cannot be said that these constituents do not exist in soil vapor at the site. However, the mitigation measures that would be used for benzene and PCE would also address these constituents, if they exist, so no additional unique mitigation measures are warranted.

8 LIMITATIONS

The environmental services described in this letter have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. No site visit was conducted by Ninyo & Moore. Variations in site conditions reported by others may exist and conditions and not described in this report may be encountered during subsequent activities.

Ninyo & Moore's opinions and recommendations regarding environmental conditions, as presented in this report, are based on results reported by others. Further assessment of potential adverse environmental impacts from past on-site and/or nearby use of hazardous materials may be accomplished by a more comprehensive assessment. Independent review of laboratory results reported by others has not been conducted; however, conditions can vary significantly between sampling locations. Variations in soil and/or groundwater conditions will exist beyond the points explored during previous investigations. Ninyo & Moore has no involvement in, or control over, such testing and analysis. Ninyo & Moore, therefore, disclaims responsibility for any inaccuracy in such laboratory results.

Our conclusions, recommendations, and opinions are based on an analysis of the reported site conditions. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control.

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should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

This report is intended exclusively for use by the client. Any use or reuse of the findings, conclusions, and/or recommendations of this report by parties other than the client is undertaken at said parties' sole risk.

9 REFERENCES

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California Department of Toxic Substances Control, 2020, Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note Number 11, Southern California Ambient Arsenic Screening Level, dated December 28.

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San Francisco Bay Regional Water Quality Control Board, 2019, Environmental Screening Levels, revised June 2019.

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TABLES

Table 1 – Soil Analytical Results - TPH - GROs, DROs, and MROs

Sample ID	Date Sampled	TPH by EPA Method 8015B/8015M (mg/kg)		
		GRO	DRO	MRO
B-4--5	8/27/2024	ND<0.20	ND<10	ND<50
B-4-10	8/27/2024	ND<0.20	**660**	4,100
B-4-15	8/27/2024	ND<0.20	**430**	2,400
B-4-20	8/27/2024	ND<0.20	ND<10	ND<50
B-4-25	8/27/2024	ND<0.20	ND<10	ND<50
B-6-5	8/26/2024	ND<0.20	38	110
B-6-10	8/26/2024	ND<0.20	ND<10	ND<50
B-6-15	8/26/2024	ND<0.20	ND<10	ND<50
B-6-20	8/26/2024	ND<0.20	ND<10	ND<50
B-6-25	8/26/2024	ND<0.20	ND<10	ND<50
Regulatory Screening Levels (mg/kg)				
EPA RSLs (Residential Soil)		NL	NL	NL
EPA RSLs (Commercial Soil)		NL	NL	NL
DTSC HERO HHRA (Residential Soil)		NL	NL	NL
DTSC HERO HHRA (Commercial Soil)		NL	NL	NL
SFBRWQCB ESLs (Residential Soil)		430*	260*	12,000*
SFBRWQCB ESLs (Commercial Soil)		2,000*	1,200*	180,000*

Notes:

* non-cancer endpoint

Bold text indicates result in exceedance of screening level(s)

DRO - diesel range organics

DTSC HERO HHRA - Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment, Note 3, Recommended Screening Levels, June 2020

EPA - United States Environmental Protection Agency

GRO - gasoline range organics

ID - Identification

mg/kg - milligrams per kilogram

MRO - motor oil range organics

NA - not applicable

ND - not detected above the laboratory reporting limit

NL - not listed

RSLs - United States Environmental Protection Agency Regional Screening Levels, May 2024

SFBRWQCB ESLs - San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels, January 2019

TPH - total petroleum hydrocarbons

VOCs - volatile organic compounds

Table 2 – Soil Analytical Results – PAHs and OCPs

Sample ID	Date Sample Collected	PAHs by EPA Method 8270C (mg/kg)						OCPs by EPA Method 7471A (mg/kg)		
		Benzo(a)anthracene	Benzo(b)fluoranthene	Chrysene	Fluoranthene	Pyrene	Other PAHs	4,4'-DDD	4,4'-DDE	Other OCPs
B-4--5	8/27/2024	ND<0.250	ND<0.250	ND<0.250	ND<0.330	ND<0.330	ND	ND<0.080	ND<0.040	ND
B-4-10	8/27/2024	ND<0.500	ND<0.500	ND<0.500	ND<0.650	ND<0.650	ND	ND<0.160	ND<0.080	ND
B-4-15	8/27/2024	ND<0.500	ND<0.500	ND<0.500	ND<0.650	ND<0.650	ND	ND<0.080	ND<0.040	ND
B-4-20	8/27/2024	ND<0.025	ND<0.025	ND<0.025	ND<0.033	ND<0.033	ND	ND<0.010	ND<0.005	ND
B-4-25	8/27/2024	ND<0.025	ND<0.025	ND<0.025	ND<0.033	ND<0.033	ND	ND<0.010	ND<0.005	ND
B-6-5	8/26/2024	0.470	0.480	0.620	0.600	0.580	ND	0.041	0.014	ND
B-6-10	8/26/2024	ND<0.025	ND<0.025	ND<0.025	ND<0.033	ND<0.033	ND	ND<0.010	ND<0.005	ND
B-6-15	8/26/2024	ND<0.025	ND<0.025	ND<0.025	ND<0.033	ND<0.033	ND	ND<0.010	ND<0.005	ND
B-6-20	8/26/2024	ND<0.025	ND<0.025	ND<0.025	ND<0.033	ND<0.033	ND	ND<0.010	ND<0.005	ND
B-6-25	8/26/2024	ND<0.025	ND<0.025	ND<0.025	ND<0.033	ND<0.033	ND	ND<0.010	ND<0.005	ND
Regulatory Screening Levels (mg/kg)										
EPA RSLs (Residential Soil)		1.1	1.1	110	2,400*	1,800*	Various	2.3	2.0	Various
EPA RSLs (Commercial Soil)		21	21	2,100	30,000*	23,000*	Various	9.6	9.3	Various
DTSC HERO HHRA (Residential Soil)		1.1	1.1	110	2,400*	1,800*	Various	1.9*	2.0	Various
DTSC HERO HHRA (Commercial Soil)		12	13	1,300	18,000*	13,000*	Various	6.2	9.3	Various
SFBRWQCB ESLs (Residential Soil)		1.1	1.1	110	2,400*	1,800*	Various	2.7	1.8	Various
SFBRWQCB ESLs (Commercial Soil)		20	21	2,100	30,000*	23,000*	Various	12	8.3	Various

Notes:

* - non-cancer endpoint

bold indicates exceedance of regulatory screening level(s)

DTSC HERO HHRA - Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment, Note 3, Recommended Screening Levels for Soil, June 2020

EPA - United States Environmental Protection Agency

ID - Identification

mg/kg - milligrams per kilogram

NA - not applicable

ND - not detected above the laboratory reporting limit

NL - not listed

OCPs - organochlorine pesticides

PAHs - polycyclic aromatic hydrocarbons

RSLs - United States Environmental Protection Agency Regional Screening Levels, May 2024

SFBRWQCB ESLs - San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels, January 2019

STLC - soluble threshold limit concentration

TCLP - toxicity characteristic leaching procedure

TTLC - total threshold limit concentration

Table 3 – Soil Analytical Results – Title 22 Metals

Sample ID	Date Sample Collected	EPA Method 6010B (mg/kg)																EPA Method 7471A (mg/kg)
		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
B-4--5	8/27/2024	ND<2.0	4.3	42	ND<0.50	ND<0.50	11	6.2	8.1	11	ND<1.0	7.0	ND<4.8	ND<0.50	ND<0.41	25	36	ND<0.10
B-4-10	8/27/2024	ND<2.0	**50**	64	ND<0.50	1.8	11	5.4	11	4.8	1.2	16	ND<4.8	ND<0.50	ND<0.41	42	35	ND<0.10
B-4-15	8/27/2024	ND<2.0	12	78	ND<0.50	0.77	16	7.8	14	13	ND<1.0	13	ND<4.8	ND<0.50	ND<0.41	38	50	ND<0.10
B-4-20	8/27/2024	ND<2.0	6.1	120	0.85	0.62	27	12	25	9.6	ND<1.0	18	ND<4.8	ND<0.50	ND<0.41	58	74	ND<0.10
B-4-25	8/27/2024	ND<2.0	4.2	110	0.71	0.55	22	9.4	23	10	ND<1.0	16	ND<4.8	ND<0.50	ND<0.41	47	79	ND<0.10
B-6-5	8/26/2024	ND<2.0	3.9	42	ND<0.50	ND<0.50	9.9	6.1	11	6.5	ND<1.0	7.4	ND<4.8	ND<0.50	ND<0.41	25	40	ND<0.10
B-6-10	8/26/2024	ND<2.0	ND<2.0	42	ND<0.50	ND<0.50	11	6.0	7.1	4.4	ND<1.0	6.4	ND<4.8	ND<0.50	ND<0.41	30	30	ND<0.10
B-6-15	8/26/2024	ND<2.0	5.3	69	ND<0.50	ND<0.50	14	7.2	16	6.7	ND<1.0	11	ND<4.8	ND<0.50	ND<0.41	40	53	ND<0.10
B-6-20	8/26/2024	ND<2.0	ND<2.0	48	ND<0.50	ND<0.50	13	7.0	8.3	2.6	ND<1.0	7.5	ND<4.8	ND<0.50	ND<0.41	27	34	ND<0.10
B-6-25	8/26/2024	ND<2.0	11	150	0.81	0.97	24	11	27	11	ND<1.0	18	ND<4.8	ND<0.50	ND<0.41	57	81	ND<0.10
B-7-0.5	8/26/2024	NA	NA	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	NA	NA	NA	NA
B-7-1	8/26/2024	NA	NA	NA	NA	NA	NA	NA	NA	12	NA	NA	NA	NA	NA	NA	NA	NA
B-7-2	8/26/2024	NA	NA	NA	NA	NA	NA	NA	NA	9.0	NA	NA	NA	NA	NA	NA	NA	NA
B-7-3	8/26/2024	NA	NA	NA	NA	NA	NA	NA	NA	11	NA	NA	NA	NA	NA	NA	NA	NA
B-7-4	8/26/2024	NA	NA	NA	NA	NA	NA	NA	NA	5.1	NA	NA	NA	NA	NA	NA	NA	NA
B-7-5	8/26/2024	NA	NA	NA	NA	NA	NA	NA	NA	4.9	NA	NA	NA	NA	NA	NA	NA	NA
B-8-0.5	8/26/2024	NA	NA	NA	NA	NA	NA	NA	NA	23	NA	NA	NA	NA	NA	NA	NA	NA
B-8-1	8/26/2024	NA	NA	NA	NA	NA	NA	NA	NA	37	NA	NA	NA	NA	NA	NA	NA	NA
B-8-2	8/26/2024	NA	NA	NA	NA	NA	NA	NA	NA	39	NA	NA	NA	NA	NA	NA	NA	NA
B-8-3	8/26/2024	NA	NA	NA	NA	NA	NA	NA	NA	35	NA	NA	NA	NA	NA	NA	NA	NA
B-8-4	8/26/2024	NA	NA	NA	NA	NA	NA	NA	NA	7.1	NA	NA	NA	NA	NA	NA	NA	NA
B-8-5	8/26/2024	NA	NA	NA	NA	NA	NA	NA	NA	7.0	NA	NA	NA	NA	NA	NA	NA	NA
Regulatory Screening Levels (mg/kg)																		
EPA RSLs (Residential Soil)		31*	0.68	15,000*	160*	7.1*	NL	23*	3,100*	200	390*	1,400*	390*	390*	0.78*	390*	23,000*	11*
EPA RSLs (Commercial Soil)		470*	3.0	220,000*	2,300*	100*	NL	350*	47,000*	800	5,800*	17,000*	5,800*	5,800*	12*	5,800*	350,000*	46*
DTSC HERO HHRA (Residential Soil)		NL	0.11	NL	16*	7.1*	NL	NL	NL	80*	NL	820*	NL	NL	NL	NL	NL	1.0*
DTSC HERO HHRA (Commercial Soil)		NL	0.36	NL	230*	79*	NL	NL	NL	500*	NL	11,000*	NL	NL	NL	NL	NL	4.4*
DTSC Acceptable Clean Up Levels		--	12	--	--	--	--	–	--	--	--	--	--	--	--	--	–	--
SFBRWQCB ESLs (Residential Soil)		11*	0.067	15,000*	16*	78*	NL	23*	3,100*	80*	390*	820*	390*	390*	0.78*	390*	23,000*	13*
SFBRWQCB ESLs (Commercial Soil)		160*	0.31	220,000*	230*	1,100*	NL	350*	47,000*	320*	5,800*	11,000*	5,800*	5,800*	12*	5,800*	350,000*	190*
Hazardous Waste Criteria																		
TTLC (mg/kg)		500	500	10,000	75	100	2,500	8,000	2,500	1,000	3,500	2,000	100	500	700	2,400	5,000	20
10 X STLC (mg/kg)		150	50	1,000	7.5	10	50	800	250	50	3,500	200	10	50	70	240	2,500	2
STLC (mg/l)		15	5	100	0.75	1.0	5	80	25	5	350	20	1	5	7	24	250	0.2
TCLP (mg/l)		NL	5	100	NL	1.0	5	NL	NL	5	NL	NL	1	5	NL	NL	NL	0.2

Notes:

* - non-cancer endpoint

– not applicable

bold indicates exceedance of regulatory screening level(s)

bgs - below ground surface

DTSC Acceptable Clean Up Levels- DTSC's Determination of a Southern California Regional Background Arsenic concentrations in soil, March 2008

DTSC HERO HHRA - Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment, Note 3, Recommended Screening Levels for Soil, June 2020

EPA - United States Environmental Protection Agency

ID - Identification

mg/kg - milligrams per kilogram

mg/L - milligrams per liter

NA - not analyzed

ND - not detected above the laboratory reporting limit

NL - not listed

RSLs - United States Environmental Protection Agency Regional Screening Levels, May 2024

SFBRWQCB ESLs - San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels, January 2019

STLC - soluble threshold limit concentration

TCLP - toxicity characteristic leaching procedure

TTLC - total threshold limit concentration

Table 4 – Soil Analytical Results – PCBs and VOCs

Sample ID	Date Sample Collected	PCBs by EPA Method 8082 (µg/kg)	VOCs by EPA Method 8260 (µg/kg)
		All PCBs	All VOCs
B-4--5	8/27/2024	ND	ND
B-4-10	8/27/2024	ND	ND
B-4-15	8/27/2024	ND	ND
B-4-20	8/27/2024	ND	ND
B-4-25	8/27/2024	ND	ND
B-6-5	8/26/2024	ND	ND
B-6-10	8/26/2024	ND	ND
B-6-15	8/26/2024	ND	ND
B-6-20	8/26/2024	ND	ND
B-6-25	8/26/2024	ND	ND
Toxic Substances Control Act Limit[1]			
Total PCBs	--	50	--
Regulatory Screening Levels (µg/kg)			
EPA RSLs (Residential Soil)		Various	Various
EPA RSLs (Commercial Soil)		Various	Various
DTSC HERO HHRA (Residential Soil)		Various	Various
DTSC HERO HHRA (Commercial Soil)		Various	Various
SFBRWQCB ESLs (Residential Soil)		Various	Various
SFBRWQCB ESLs (Commercial Soil)		Various	Various

Notes:

DTSC HERO HHRA - Department of Toxic Substances Control Human and Ecological Risk Office Human Health Risk Assessment, Note 3, Recommended Screening Levels for Soil, June 2020

EPA - United States Environmental Protection Agency

ID - Identification

mg/kg - milligrams per kilogram

µg/kg - micrograms per kilogram

ND - not detected above the laboratory reporting limit

PCBs - polychlorinated biphenyls

RSLs- United States Environmental Protection Agency Regional Screening Levels, updated May 2024

REP - replicate sample placed immediately below corresponding primary sample

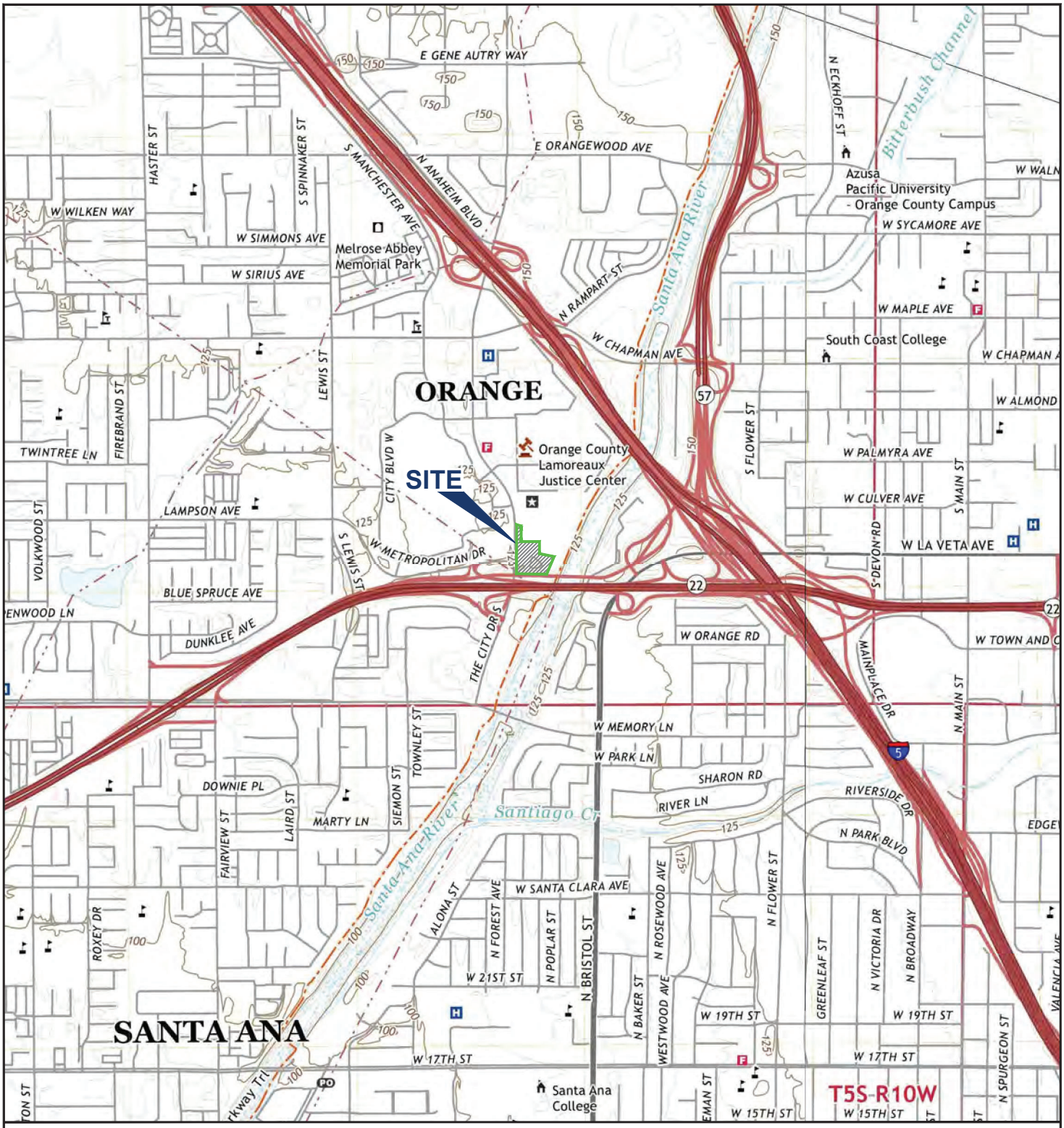
SFBRWQCB ESLs - San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels, January 2019

VOCs - Volatile Organic Compounds

Table 5 – Soil Vapor Sampling Analytical Results

Sample ID	Date Sample Collected	VOCs EPA Method 8260 (µg/m^3)									
		4-Isopropyltoluene	Benzene	Ethylbenzene	Freon 11	Freon 12	tert-Butylalcohol	Tetrachloroethene	Toluene	GRO (C4-C12)	All Other VOCs
SV-1-5	8/28/2024	ND< 8	ND< 8	ND< 8	29	ND< 16	ND< 400	**73**	12	ND< 2,000	ND
SV-1-5	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-1-12	8/28/2024	ND< 8	ND< 8	ND< 8	24	ND< 16	ND< 400	**37**	35	ND< 2,000	ND
SV-1-12	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-2-5	8/28/2024	ND< 8	ND< 8	ND< 8	ND< 16	ND< 16	ND< 400	ND< 8	ND< 8	ND< 2,000	ND
SV-2-5	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-2-5 REP	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-2-10	8/28/2024	ND< 8	ND< 8	ND< 8	24	ND< 16	488	ND< 8	33	ND< 2,000	ND
SV-2-10	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-3-5	8/28/2024	ND< 8	ND< 8	ND< 8	30	ND< 16	ND< 400	10	8	ND< 2,000	ND
SV-3-5	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-3-5 REP	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-3-17	8/28/2024	ND< 8	**28**	ND< 8	32	ND< 16	ND< 400	**18**	79	ND< 2,000	ND
SV-3-17	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-4-5	8/28/2024	ND< 8	ND< 8	ND< 8	17	ND< 16	ND< 400	ND< 8	ND< 8	ND< 2,000	ND
SV-4-5	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-4-15	8/28/2024	ND< 8	ND< 8	ND< 8	30	25	ND< 400	ND< 8	55	ND< 2,000	ND
SV-4-15	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-5-5	8/28/2024	ND< 8	ND< 8	ND< 8	47	ND< 16	ND< 400	**35**	ND< 8	ND< 2,000	ND
SV-5-5 REP	8/28/2024	ND< 8	ND< 8	ND< 8	47	ND< 16	ND< 400	**29**	ND< 8	ND< 2,000	ND
SV-5-5	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-5-12	8/28/2024	ND< 8	ND< 8	ND< 8	41	ND< 16	ND< 400	**22**	34	ND< 2,000	ND
SV-5-15	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-6-5	8/28/2024	22	ND< 8	ND< 8	ND< 16	ND< 16	ND< 400	ND< 8	17	ND< 2,000	ND
SV-6-5	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-6-15	8/28/2024	34	ND< 8	ND< 8	ND< 16	ND< 16	ND< 400	ND< 8	44	ND< 2,000	ND
SV-6-15	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-7-5	8/28/2024	ND< 8	ND< 8	ND< 8	ND< 16	ND< 16	ND< 400	**16**	13	ND< 2,000	ND
SV-7-5	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-7-10	8/28/2024	ND< 8	ND< 8	ND< 8	ND< 16	ND< 16	ND< 400	10	56	ND< 2,000	ND
SV-7-10	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-8-5	8/28/2024	ND< 8	ND< 8	ND< 8	ND< 16	ND< 16	ND< 400	ND< 8	ND< 8	ND< 2,000	ND
SV-8-5	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-8-18.5	8/28/2024	ND< 8	ND< 8	ND< 8	ND< 16	ND< 16	ND< 400	ND< 8	32	ND< 2,000	ND
SV-8-18.5 REP	8/28/2024	ND< 8	ND< 8	ND< 8	ND< 16	ND< 16	ND< 400	ND< 8	30	ND< 2,000	ND
SV-8-18.5	1/15/2025	NA	ND< 3	NA	NA	NA	NA	NA	NA	NA	NA
SV-9-5	1/15/2025	ND< 4	ND< 3	ND< 4	ND< 8	ND< 8	ND< 200	ND< 4	ND< 4	ND< 1,000	ND
SV-9-12	1/15/2025	4	ND< 3	4	ND< 8	ND< 8	535	**55**	11	ND< 1,000	ND
SV-10-5	1/15/2025	ND< 4	ND< 3	ND< 4	15	ND< 8	ND< 200	ND< 4	ND< 4	ND< 1,000	ND
SV-10-15	1/15/2025	ND< 4	ND< 3	ND< 4	26	ND< 8	ND< 200	ND< 4	16	ND< 1,000	ND
SV-11-5	1/15/2025	ND< 4	ND< 3	ND< 4	159	23	ND< 200	ND< 4	ND< 4	ND< 1,000	ND
SV-11-14	1/15/2025	ND< 4	**8**	ND< 4	292	42	ND< 200	ND< 4	17	ND< 1,000	ND
SV-12-5	1/15/2025	ND< 4	ND< 3	ND< 4	ND< 8	ND< 8	ND< 200	9	ND< 4	ND< 1,000	ND
SV-12-5 REP	1/15/2025	ND< 4	ND< 3	ND< 4	ND< 8	ND< 8	ND< 200	9	ND< 4	ND< 1,000	ND
SV-12-12	1/15/2025	ND< 4	ND< 3	ND< 4	ND< 8	ND< 8	ND< 200	8	5	ND< 1,000	ND

FIGURES



NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. I REFERENCE: USGS, 2022.

N

FEET
0 2,000 4,000

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FIGURE 1

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

SITE LOCATION

561 THE CITY DRIVE SOUTH
ORANGE, CALIFORNIA

212797001 I 3/25



LEGEND

SITE BOUNDARY

B-8 BORING, AUGUST 2024

B-12 BORING, JANUARY 2025

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. I REFERENCE: GOOGLE EARTH, 2024.

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FIGURE 2

Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

BORING LOCATIONS

561 THE CITY DRIVE SOUTH
ORANGE, CALIFORNIA

212797001 I 3/25

APPENDIX A

Geophysical Survey Report

SubSurface Surveys
An Applied Geophysical Company

2075 Corte Del Nogal, Suite W
Carlsbad, California 92011
Office: 760-476-0492
Fax: 760-476-0493

Ninyo & Moore
Attn: Eduardo Chavez
475 Goddard, Suite 200
Irvine, California 92618

August 30th, 2024

Subject: Geophysical Survey
561 The City Drive South
Orange, California

Project Number: 24-366

This report is to present the results of our geophysical survey carried out over portions of property located at 561 The City Drive South in Orange, California (Figure 1), on August 26th, 2024. The purpose of the survey was to locate and identify, insofar as possible, piping, conduit, and other underground utilities that may exist in the vicinity of eight (8) specific locations designated for future drilling activities.

A combination of electromagnetic induction (EM), magnetometry, and ground penetrating radar (GPR) were applied to the search. A utility locator with line tracing capabilities was also brought to the field and used where risers exist onto which a signal could be impressed and traced.

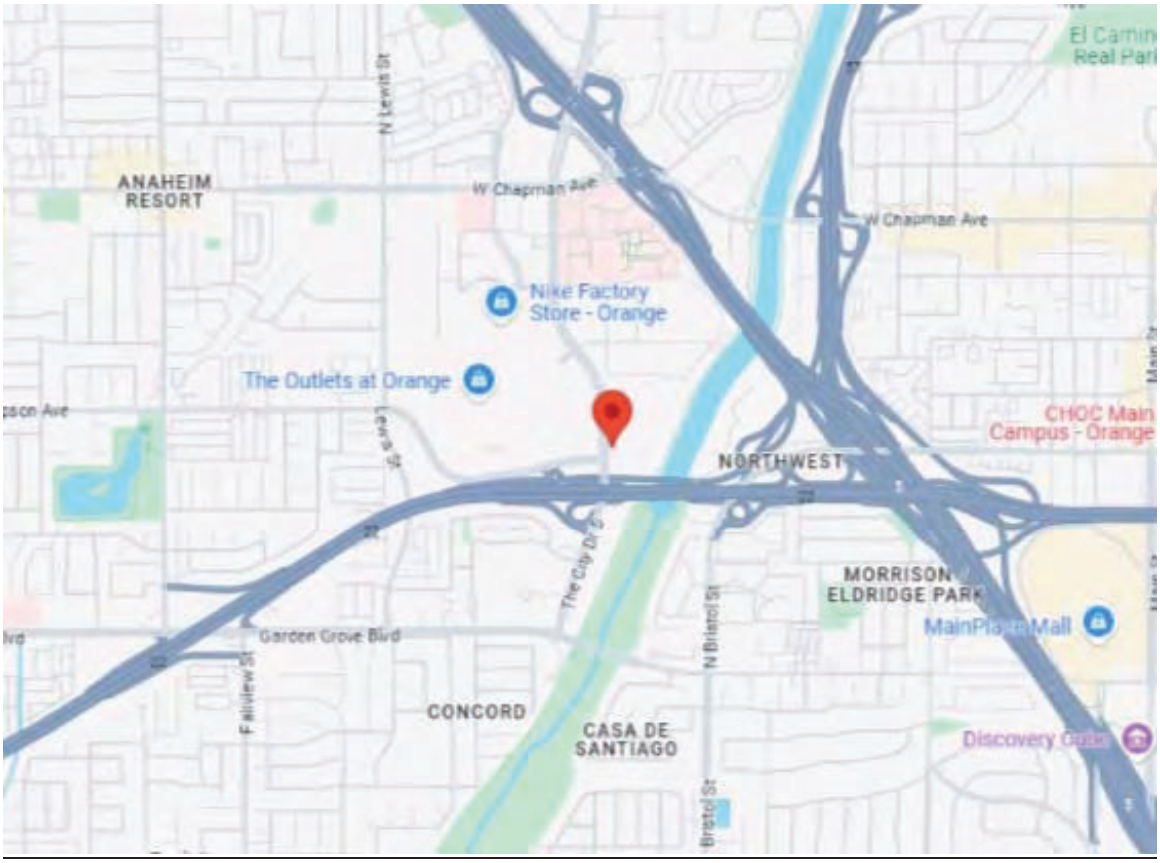


FIGURE 1 –Site Location Map (Map data ©2024 Google)

Survey Design – The areas to be surveyed, along with the specific borehole locations, were indicated in the field by the client. The magnetic gradiometer, line tracer, GPR and M-Scope were traversed systematically over each borehole along the eight lines of the standard search pattern (Figure 2), wherein, there are two sets of three parallel lines, mutually orthogonal, and two diagonals, all centered on the marked drill location. Adjacent parallel lines are approximately 5 feet apart, and each line is approximately 20 feet long, access permitting. Other traverses were taken, access permitting, for detailing and confirmation where anomalous conditions were found.

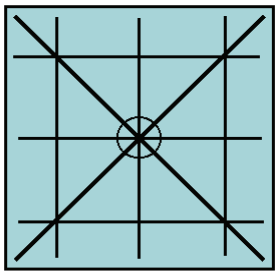


Figure 2: Standard search pattern around target

Hard copy of the EM data was not acquired, that is, discrete readings on the nodes of a grid were not recorded that could be put into a contoured map format. Rather, the instruments' meters were read continuously, and in real-time, during each traverse. This free-traversing method allowed for immediate detection of anomalous objects and facilitated the opportunity to investigate them further, without first having to download data in the office. The lack of hard copy for EM data sets does not degrade the quality of the survey in any way. Hard copy merely provides a basis for report documentation of these geophysical fields, if such documentation is needed.

The line tracers were used to impress signals onto pipes, generally through accessible risers and tracer wires when present, to delineate the lines' locations and orientations. The instruments were also used in passive mode, configured to detect 60 Hz electrical signals and other common radio-frequency signals.

A Fischer M-Scope was used for the EM sampling. A Sensors and Software Noggin Ground Penetrating Radar unit with a 500 MHz antenna produced the radar images. The magnetic gradiometer was a Schonstedt GA-52, and a RD 8200 and RIDGID SR-60 SeekTech utility locator rounded out the tools applied.

Brief Description of the Geophysical Methods Applied - The line locator is used to passively detect energized high voltage electric lines and electrical conduit (60 Hz), RF signals (4-35 kHz), as well as to actively trace other utilities using a discrete signal. Where risers are present, the utility locator transmitter can be connected directly to the object, and a signal (256 Hz - 200 kHz) is sent traveling along the conductor, pipe, conduit, etc. In the absence of a riser, the transmitter can be used to impress an input signal on the utility by induction. In either case, the receiver unit is tuned to the input signal, and is used to actively trace the signal along the pipe's surface projection.

The magnetic gradiometer has two flux gate magnetic fixed sensors that are passed closely to and over the ground. When not in close proximity to a magnetic object, that is, only in the earth's field, the instrument emits a sound signal at a low frequency. When the instrument passes over a buried iron or steel object, so that locally there is a high magnetic gradient, the frequency of the emitted sound increases. The frequency is a function of the gradient between the two sensors.

The GPR instrument beams energy into the ground from its transducer/antenna, in the form of electromagnetic

waves. A portion of this energy is reflected back to the antenna at a boundary in the subsurface across which there is an electrical contrast. The instrument produces a continuous record of the reflected energy as the antenna is traversed across the ground surface. The greater the electrical contrast, the higher the amplitude of the returned energy. The radar wave travels at a velocity unique to the material properties of the ground being investigated, and when these velocities are known, the two-way travel times can be converted to depth. The depth of penetration and image resolution produced are a function of ground electrical conductivity and dielectric constant.

The M-Scope device energizes the ground by producing an alternating primary magnetic field with AC current in a transmitting coil. If conducting materials are within the area of influence of the primary field, AC eddy currents are induced to flow in the conductors. A receiving coil senses the secondary magnetic field produced by these eddy currents, and outputs the response to a meter in the form of ground conductivity values for the M-Scope. The strength of the secondary field is a function of the conductivity of the object, say a pipe, tank or cluster of drums, its size, and its depth and position relative to the instrument's two coils. Conductive objects, to a depth of approximately 7 feet for the M-Scope are sensed. The devices are also somewhat focused; that is, they are more sensitive to conductors below the instrument than they are to conductors off to the side.

Interpretation and Conclusions - The interpretation took place in real time as the survey progressed, and accordingly, the findings of our investigation were marked on the ground cover with spray marking paint at the site and further documented with site photographs of each surveyed area (Figures 3-10).

Piping and utilities detected during the survey were marked with spray marking paint using red for electric, yellow for gas, orange for communication, green was used for both sewer and drain lines, blue for water (outside survey area), and white was used to delineate lines of unknown utility type.

Once all detectable buried cultural objects were marked and accounted for, our findings were discussed in the field with the client, at the conclusion of the survey. After our findings were discussed, each borehole was then marked cleared by Subsurface Surveys and Associates with a white circle and a yellow “SSS”. Please refer to the graphics along with the markings in the field for a better representation of our findings.

Limitations and Further Recommendations - It should be understood that limitations inherent in geophysical instruments and/or surveying techniques exist at all sites, and nearly all sites exhibit conditions under which instruments might not perform optimally. Consequently, the detection of buried objects in all circumstances **cannot be guaranteed**. Such limitations are numerous and include, but are not limited to, rebar-reinforced ground cover, abrupt changes in ground cover type, above-ground obstacles preventing full traverses or traverses in one direction only, above-ground conductive objects interfering with instrument signal, nearby powerlines or EM transmitters, highly conductive background soil conditions, limiting GPR penetration, non-metallic targets, shallower or larger objects shielding deeper or smaller targets, tracing signal jumping from one line to another, and inaccessible risers, cleanouts, valve boxes, and manholes. If one or more geophysical instrument is rendered ineffective and cannot be utilized, the quality of the survey can be somewhat degraded.

For the above reasons, and in the interest of maximum safety, we encourage our clients to take advantage of Underground Service Alert (USA), Dig Alert, or other similar services, when possible. Furthermore, we recommend hand-auguring and the use of a drilling method known as air knifing and vacuum extraction, when feasible or if applicable to this project. These methods may significantly limit damage to underground pipes, conduits, and utilities that might not have been detectable during the course of this survey. Please bear in mind, that geophysical surveying is only one of several levels of protection that is available to our clients.

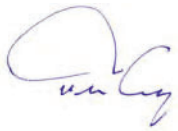
SubSurface Surveys may include maps in some reports. While they are an accurate general representation of the site and our findings, they are not of engineering quality (i.e., measured and mapped by a licensed land surveyor).

SubSurface Surveys and Associates makes no guarantee either expressed or implied regarding the accuracy of the findings and interpretations present. And, in no event will SubSurface Surveys and Associates be liable for any direct, indirect, special, incidental, or consequential damages resulting from interpretations and opinions presented herewith.

All data acquired in these surveys are in confidential file in this office, and are available for review by your staff, or by us at your request, at any time. We appreciate the opportunity to participate in this project. Please call, if there are questions.



Bret Herman
Staff Geophysicist



Travis Crosby, GP# 1044
California State Geophysics Registration GP1044
Senior Geophysicist, SubSurface Surveys

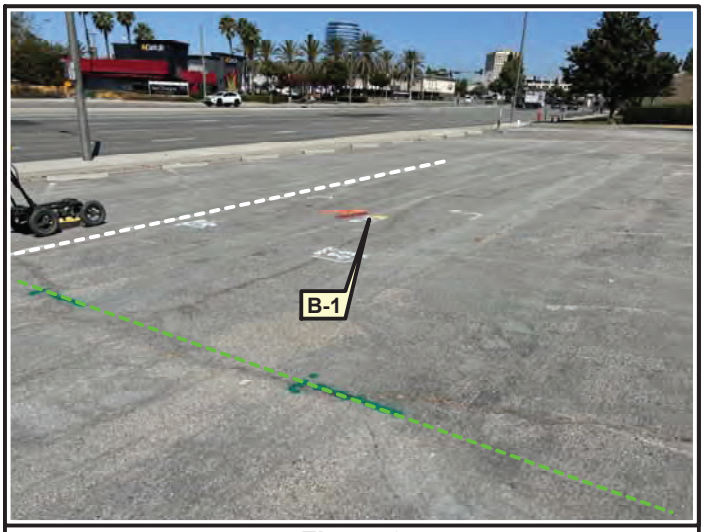


Figure 3



Figure 4



Figure 5



Figure 6



Figure 7



Figure 8

Sub Surface Surveys	SITE: **561 The City Drive South** **Orange, California**	TITLE: **Site Photographs**	SURVEY DATE: **August 26th, 2024**
		PREPARED FOR: **Ninyo & Moore**	SSS PROJECT NO: **24-366**

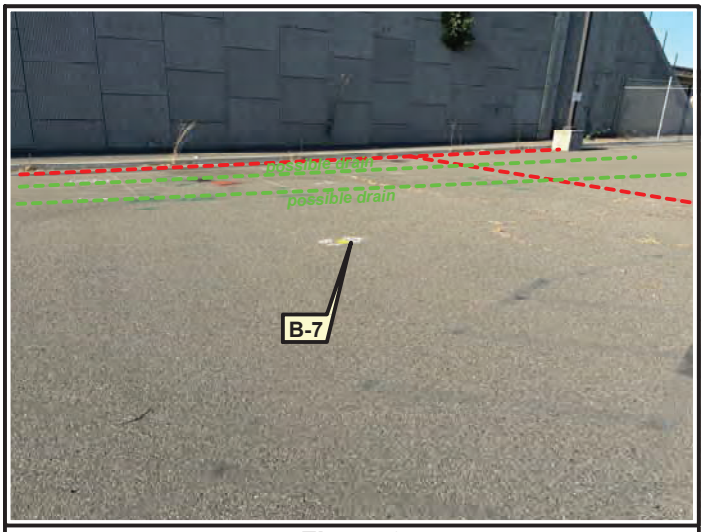


Figure 9

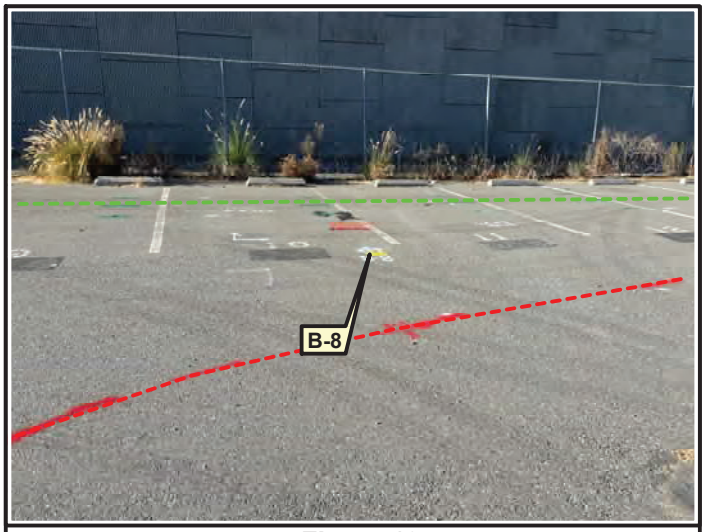


Figure 10

NO PHOTO

NO PHOTO

NO PHOTO

NO PHOTO

Sub Surface Surveys	SITE: **561 The City Drive South Orange, California**	TITLE: **Site Photographs**	SURVEY DATE: **August 26th, 2024**
		PREPARED FOR: **Ninyo & Moore**	SSS PROJECT NO: **24-366**

APPENDIX B

Photographs



Photograph 1: **SSS mark outs, moving boring locations to avoid utilities (B-7).**



Photograph 2: **Hand Auger to 5 feet (B-5).**



Photograph 3: **Installing nested Vapor Probes (B-6).**



Photograph 4: **Decontamination of Hand Auger between samples (B-4).**



Photograph 5: **Soil Vapor Probe Sampling setup (B-5).**



Photograph 6: **Cross section of Soil Boring showing clay strata at depth (B-6).**



Photograph 7: **Preparation of quality control tracer for soil vapor sampling.**



Photograph 8: **Collection of soil vapor sample via syringe.**

APPENDIX C

Boring Logs

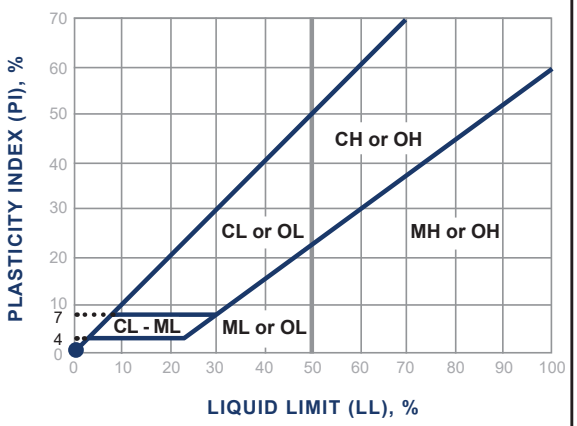
Soil Classification Chart Per ASTM D 2488

Primary Divisions			Secondary Divisions	
			Group Symbol	Group Name
COARSE-GRAINED SOILS more than 50% retained on No. 200 sieve	**GRAVEL** more than 50% of coarse fraction retained on No. 4 sieve	CLEAN GRAVEL less than 5% fines	GW	well-graded GRAVEL
			GP	poorly graded GRAVEL
		GRAVEL with DUAL CLASSIFICATIONS 5% to 12% fines	GW-GM	well-graded GRAVEL with silt
			GP-GM	poorly graded GRAVEL with silt
			GW-GC	well-graded GRAVEL with clay
			GP-GC	poorly graded GRAVEL with clay
		GRAVEL with FINES more than 12% fines	GM	silty GRAVEL
			GC	clayey GRAVEL
			GC-GM	silty, clayey GRAVEL
	SAND 50% or more of coarse fraction passes No. 4 sieve	CLEAN SAND less than 5% fines	SW	well-graded SAND
			SP	poorly graded SAND
		SAND with DUAL CLASSIFICATIONS 5% to 12% fines	SW-SM	well-graded SAND with silt
			SP-SM	poorly graded SAND with silt
			SW-SC	well-graded SAND with clay
			SP-SC	poorly graded SAND with clay
		SAND with FINES more than 12% fines	SM	silty SAND
			SC	clayey SAND
			SC-SM	silty, clayey SAND
FINE-GRAINED SOILS 50% or more passes No. 200 sieve	**SILT and CLAY** liquid limit less than 50%	INORGANIC	CL	lean CLAY
			ML	SILT
			CL-ML	silty CLAY
		ORGANIC	OL (PI > 4)	organic CLAY
			OL (PI < 4)	organic SILT
	SILT and CLAY liquid limit 50% or more	INORGANIC	CH	fat CLAY
			MH	elastic SILT
		ORGANIC	OH (plots on or above "A"-line)	organic CLAY
			OH (plots below "A"-line)	organic SILT
	Highly Organic Soils		PT	Peat

Grain Size

Description		Sieve Size	Grain Size	Approximate Size
Boulders		> 12"	> 12"	Larger than basketball-sized
Cobbles		3 - 12"	3 - 12"	Fist-sized to basketball-sized
Gravel	Coarse	3/4 - 3"	3/4 - 3"	Thumb-sized to fist-sized
	Fine	#4 - 3/4"	0.19 - 0.75"	Pea-sized to thumb-sized
Sand	Coarse	#10 - #4	0.079 - 0.19"	Rock-salt-sized to pea-sized
	Medium	#40 - #10	0.017 - 0.079"	Sugar-sized to rock-salt-sized
	Fine	#200 - #40	0.0029 - 0.017"	Flour-sized to sugar-sized
Fines		Passing #200	< 0.0029"	Flour-sized and smaller

Plasticity Chart



Apparent Density - Coarse-Grained Soil

Apparent Density	Spooling Cable or Cathead		Automatic Trip Hammer	
	SPT (blows/foot)	Modified Split Barrel (blows/foot)	SPT (blows/foot)	Modified Split Barrel (blows/foot)
Very Loose	≤ 4	≤ 8	≤ 3	≤ 5
Loose	5 - 10	9 - 21	4 - 7	6 - 14
Medium Dense	11 - 30	22 - 63	8 - 20	15 - 42
Dense	31 - 50	64 - 105	21 - 33	43 - 70
Very Dense	> 50	> 105	> 33	> 70

Consistency - Fine-Grained Soil

Consis-tency	Spooling Cable or Cathead		Automatic Trip Hammer	
	SPT (blows/foot)	Modified Split Barrel (blows/foot)	SPT (blows/foot)	Modified Split Barrel (blows/foot)
Very Soft	< 2	< 3	< 1	< 2
Soft	2 - 4	3 - 5	1 - 3	2 - 3
Firm	5 - 8	6 - 10	4 - 5	4 - 6
Stiff	9 - 15	11 - 20	6 - 10	7 - 13
Very Stiff	16 - 30	21 - 39	11 - 20	14 - 26
Hard	> 30	> 39	> 20	> 26

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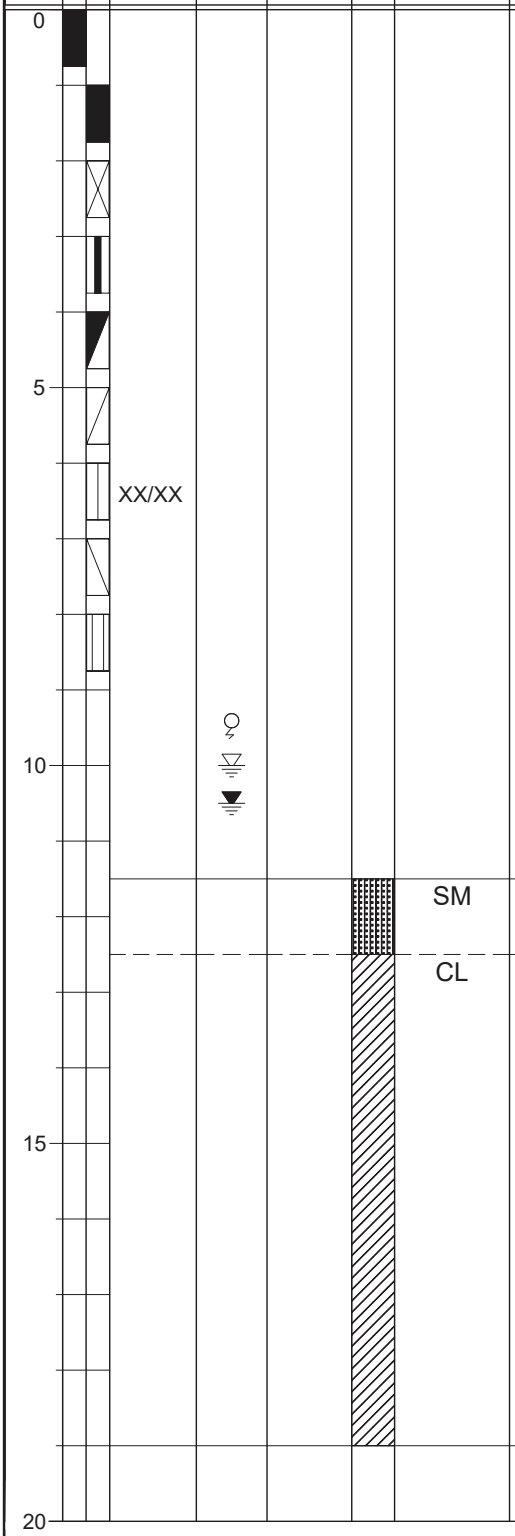
USCS METHOD OF SOIL CLASSIFICATION

BORING LOG EXPLANATION SHEET



Bulk sample.

Modified split-barrel drive sampler.

No recovery with modified split-barrel drive sampler.

Sample retained by others.

Standard Penetration Test (SPT).

No recovery with a SPT.

Shelby tube sample. Distance pushed in inches/length of sample recovered in inches.

No recovery with Shelby tube sampler.

Continuous Push Sample.

Seepage.

Groundwater encountered during drilling.

Groundwater measured after drilling.

MAJOR MATERIAL TYPE (SOIL):

Solid line denotes unit change.

Dashed line denotes material change.

Attitudes: Strike/Dip
b: Bedding
c: Contact
j: Joint
f: Fracture
F: Fault
cs: Clay Seam
s: Shear
bss: Basal Slide Surface
sf: Shear Fracture
sz: Shear Zone
sbs: Shear Bedding Surface

The total depth line is a solid line that is drawn at the bottom of the boring.

DATE DRILLED 8/27/2024 BORING NO. B-1

GROUND ELEVATION 126' ± (MSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger/Direct Push

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY _____ LOGGED BY SML REVIEWED BY JA

DEPTH (feet)	SAMPLES: Bulk	SAMPLES: Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0						6.7		SM	ASPHALT: Approximately 4 inches of asphalt from ground surface. FILL: Gray, dry, loose, silty SAND; medium sand. @2.5': Light brown; fine sand and trace medium sand.
						20.2			
								CL-ML	NATIVE: Reddish gray, moist, firm, silty CLAY; low plasticity.
								SM	Light brown, dry, loose, silty SAND; fine sand.
10						13.1		CL-ML	Reddish gray, moist, firm, silty CLAY; low plasticity. @12' : Approximately 6 inch lens of silty SAND.
						0.0			
									@17' : Approximately 6 inch lens of clayey SILT.
20						0.0			Total Depth = 20 feet. Groundwater was not encountered during drilling. Soil vapor probes installed at 5 feet and 12 feet bgs. Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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FIGURE A- 1

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OCPW WORKFORCE REENTRY CENTER
561 THE CITY DRIVE SOUTH, ORANGE, CALIFORNIA

DATE DRILLED 8/27/2024 BORING NO. B-2

GROUND ELEVATION 125' ± (MSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger/Direct Push

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY _____ LOGGED BY SML REVIEWED BY JA

DEPTH (feet)	SAMPLES: Bulk	SAMPLES: Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0						6.2		SM	FILL: Light brown, dry, loose, silty SAND; fine to medium sand. @3' : Approximately 2 inch lens of moisture.
10						112.6 80.9		CL-ML	NATIVE: Reddish gray, moist, firm, silty CLAY; low plasticity. @11' : Lens of saturated soil. @14' : Color change of soil to brown.
20						0.0			Total Depth = 20 feet. Groundwater was not encountered during drilling. Soil vapor probes installed at 5 feet and 15 feet bgs. Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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FIGURE A- 2

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DATE DRILLED 8/27/2024 BORING NO. B-3

GROUND ELEVATION 124' ± (MSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger/Direct Push

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY _____ LOGGED BY SML REVIEWED BY JA

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0						300.2		SM	CONCRETE: Approximately 3 inches of concrete from ground surface. FILL: Light brown, dry, loose, silty SAND; medium to fine sand.
10						800.6 812.4		CL-ML	NATIVE: Brown, dry, firm, silty CLAY; low plasticity.
20									Total Depth = 20 feet. Groundwater was not encountered during drilling. Soil vapor probes installed at 5 feet and 17 feet bgs.
30									Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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FIGURE A- 3

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561 THE CITY DRIVE SOUTH, ORANGE, CALIFORNIA

DATE DRILLED 8/27/2024 BORING NO. B-4

GROUND ELEVATION 126' ± (MSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger/Direct Push

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY _____ LOGGED BY SML REVIEWED BY JA

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0								SM	CONCRETE: Approximately 3 inches of concrete from ground surface. FILL: Brown, dry, loose, silty SAND; fine sand; trace fine gravel. @2' : 4 inch lens of concrete.
		■	07:55/B-4-5			400.6			
10		■	08:00/B-4-10			10551		SW	NATIVE: Dark brown, dry, loose, well-graded SAND; fine to medium sand; few fine subangular gravel.
		■	08:03/B-4-15			102.4			
20		■	08:06/B-4-20			192.6		CL-ML	Light brown, moist, firm, silty CLAY; low plasticity.
		■	08:09/B-9-25			222.4			Total Depth = 25 feet. Groundwater was not encountered during drilling. Soil vapor probes installed at 5 feet and 15 feet bgs. Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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FIGURE A- 4

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DATE DRILLED 8/26/2024 BORING NO. B-5

GROUND ELEVATION 124' ± (MSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger/Direct Push

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY _____ LOGGED BY JQS/SML REVIEWED BY JA

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0						500.6		SM	CONCRETE: Approximately 3 inches of concrete from ground surface.
						552.6			FILL: Brown, dry, loose, silty SAND; fine sand.
								SP	Light brown, moist, loose, poorly graded SAND; medium sand; trace fine subangular gravel.
10						6.8			
								CL-ML	NATIVE: Brown, moist, firm, silty CLAY; low plasticity.
						0.0			Total Depth = 15 feet. Groundwater was not encountered during drilling. Soil vapor probes installed at 5 feet and 12 feet bgs.
20									Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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FIGURE A- 5

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DATE DRILLED 8/26/2024 BORING NO. B-6

GROUND ELEVATION 122' ± (MSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger/Direct Push

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY JQS/SML LOGGED BY JQS/SML REVIEWED BY JA

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0								SM	ASPHALT: Approximately 4 inches of asphalt from ground surface. FILL: Dark brown, moist, loose, silty SAND; fine sand; few fine subangular gravel.
		■	13:50/B-6-5			22.1			@3' : color change to brown.
10		■	13:55/B-6-10			0.0		CL-ML	NATIVE: Reddish gray, moist, firm, silty CLAY; low plasticity.
		■	13:57/B-6-15			0.0			@15' : Color change to brown.
20		■	13:59/B-6-20	▼		0.0			@22'-24' : Saturated with water.
		■	14:02/B-6-25			0.0			Total Depth = 25 feet. Groundwater was not encountered during drilling. Soil vapor probes installed at 5 feet and 15 feet bgs.
30									Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
40									

FIGURE A- 6

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561 THE CITY DRIVE SOUTH, ORANGE, CALIFORNIA

DATE DRILLED 8/27/2024 BORING NO. B-7

GROUND ELEVATION 121' ± (MSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger/Direct Push

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY JQS/SML LOGGED BY JQS/SML REVIEWED BY JA

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0						0.0			ASPHALT: Approximately 4 inches of asphalt from ground surface.
			09:00/B-7-0.5 09:02/B-7-1 09:04/B-7-2 09:06/B-7-3 09:08/B-7-4 09:10/B-7-5			0.0		SM	FILL: Brown, dry, loose, silty SAND; fine sand; trace fine subangular gravel.
								SP	Light brown, dry, loose, poorly graded SAND; medium sand.
10						0.0		CL-ML	NATIVE: Reddish gray, moist, firm, silty CLAY; low plasticity. @13' : Color change to brown.
						0.0			Total Depth = 15 feet. Groundwater was not encountered during drilling. Soil vapor probes installed at 5 feet and 10 feet bgs.
20									Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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FIGURE A- 7

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561 THE CITY DRIVE SOUTH, ORANGE, CALIFORNIA

DATE DRILLED 8/26/2024 BORING NO. B-8

GROUND ELEVATION 123' ± (MSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger/Direct Push

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY JQS/SML LOGGED BY JQS/SML REVIEWED BY JA

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0									ASPHALT: Approximately 4 inches of asphalt from ground surface.
		■	10:35/B-8-0.5					SM	FILL: Dark brown, dry, loose, silty SAND; fine sand; few fine angular gravel.
		■	10:39/B-8-1						@3' : Color change to reddish gray.
		■	10:45/B-8-2						
		■	11:15/B-8-3			0.0		SM	Brown, dry, loose, silty SAND; fine sand; trace fine subangular gravel.
		■	11:35/B-8-4						@6' : Color change to dark brown.
			11:45/B-8-5					SP	Light brown, dry, loose, poorly graded SAND; medium sand.
10						0.0		CL-ML	NATIVE: Reddish gray, moist, firm, silty CLAY; low plasticity.
									@11' : Color change to brown.
						0.0			
								SM	Brown, moist, loose, silty SAND; fine sand.
20									Total Depth = 20 feet. Groundwater was not encountered during drilling. Soil vapor probes installed at 5 feet and 18.5 feet bgs. Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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DATE DRILLED 1/10/2025 BORING NO. B-9

GROUND ELEVATION 126' ± (MSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger/Direct Push

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY _____ LOGGED BY SML REVIEWED BY JA

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0								SM	CONCRETE: Approximately 3 inches of concrete from ground surface. FILL: Light brown, dry, loose, silty SAND; fine sand; trace medium and coarse sand.
						0		CL-ML	NATIVE: Dark brown, moist, firm, silty CLAY; medium plasticity.
10						0		SM	Brown, dry, loose, silty SAND; fine sand.
								CL-ML	Dark brown, moist, stiff, silty CLAY; medium plasticity.
						0			Total Depth = 15 feet. Groundwater was not encountered during drilling. Soil vapor probes installed at 5 feet and 12 feet bgs.
20									Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.
									The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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FIGURE A- 9

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DATE DRILLED 1/10/2025 BORING NO. B-10

GROUND ELEVATION 125' ± (MSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger/Direct Push

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY _____ LOGGED BY SML REVIEWED BY JA

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0								CL-ML	CONCRETE: Approximately 3 inches of concrete from ground surface.
						0		SM	FILL: Dark brown, moist, firm, silty CLAY; low plasticity. Light brown, dry, loose, silty SAND; fine sand.
10						0		CL-ML	NATIVE: Dark brown, dry, stiff, silty CLAY; medium plasticity.
20									Total Depth = 15.5 feet. Groundwater was not encountered during drilling. Soil vapor probes installed at 5 feet and 12 feet bgs. Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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FIGURE A- 10

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561 THE CITY DRIVE SOUTH, ORANGE, CALIFORNIA

DATE DRILLED 1/10/2025 BORING NO. B-11

GROUND ELEVATION 125' ± (MSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger/Direct Push

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY _____ LOGGED BY SML REVIEWED BY JA

DEPTH (feet)	SAMPLES: Bulk	SAMPLES: Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0								SM	CONCRETE: Approximately 3 inches of concrete from ground surface. FILL: Light brown, dry, loose, silty SAND; fine sand; trace medium and coarse sand.
						0			
10						0			
						0		CL-ML	NATIVE: Dark brown, moist, stiff, silty CLAY; medium plasticity. @13.5': Lens of dark brown, dry, loose, poorly graded SAND; fine sand; few fine subangular gravel.
20									Total Depth = 15 feet. Groundwater was not encountered during drilling. Soil vapor probes installed at 5 feet and 14 feet bgs. Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report. The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.
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FIGURE A- 11

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561 THE CITY DRIVE SOUTH, ORANGE, CALIFORNIA

DATE DRILLED 1/10/2025 BORING NO. B-12

GROUND ELEVATION 123' ± (MSL) SHEET 1 OF 1

METHOD OF DRILLING Hand Auger/Direct Push

DRIVE WEIGHT N/A DROP N/A

SAMPLED BY _____ LOGGED BY SML REVIEWED BY JA

DEPTH (feet)	SAMPLES Bulk	SAMPLES Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DESCRIPTION/INTERPRETATION
0								CL-ML	CONCRETE: Approximately 3 inches of concrete from ground surface. FILL: Brown, moist, firm, silty CLAY; medium plasiticty.
						0		SM	Light brown, moist, loose, silty SAND; fine sand.
10						0			
						0			
						0		CL-ML	NATIVE: Brown, moist, silty CLAY; medium plasticity.
20									Total Depth = 15 feet. Groundwater was not encountered during drilling. Soil vapor probes installed at 5 feet and 12 feet bgs.
30									Notes: Groundwater, though not encountered at the time of drilling, may rise to a higher level due to seasonal variations in precipitation and several other factors as discussed in the report.
40									The ground elevation shown above is an estimation only. It is based on our interpretations of published maps and other documents reviewed for the purposes of this evaluation. It is not sufficiently accurate for preparing construction bids and design documents.

FIGURE A- 12

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561 THE CITY DRIVE SOUTH, ORANGE, CALIFORNIA

APPENDIX D

Non-hazardous Waste Manifest

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
NON - HAZ . . .	1	800-579-6834	017159

GENERATOR

5. Generator's Name and Mailing Address
Orange County Public Works
Attn: RYAN RIGALI
601 N ROSS STREET 4TH FLOOR
SANTA ANA CA 92701
Generator's Phone: 714 834-3763

Generator's Site Address (if different than mailing address)
Orange County Public Works
561 THE CITY DRIVE S
ORANGE CA 92868

6. Transporter 1 Company Name
ENVIRONMENTAL MANAGEMENT TECHNOLOGIES
U.S. EPA ID Number
CAR000183574

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ENVIRONMENTAL WASTE SOLUTIONS
31915 INDUSTRIAL LN
PARKER SOUTH AZ 85344
Facility's Phone: 928 575-0027
U.S. EPA ID Number
AZR000520478

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	NON - HAZARDOUS WASTE SOLID (SOIL)	1	DM	400	P	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information
APPROVAL #EWS34471
CAPITOL ENVIRONMENTAL SERVICES , INC JOB #TWALT

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Kenneth Cho on behalf of Orange County Public Works
Signature:
Month: 10 Day: 16 Year: 24

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: LEO CERVANTES
Signature:
Month: 10 Day: 16 Year: 24

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: JASMINE VALLADARES
Signature:
Month: 10 Day: 22 Year: 24

DESIGNATED FACILITY TO GENERATOR

APPENDIX E

Analytical Laboratory Reports

Orange Coast Analytical, Inc.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576
Expiration Date: 2025
Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:
Chris Tisserat

Client:	Ninyo & Moore
Laboratory Reference:	NAM OCAP1303
Project Name:	
Project Number:	212797001
Date Received:	8/26/2024
Date Reported:	11/13/2024
Chain of Custody Received:	☑
Analytical Method:	8015B, 8081A, 8082, 8260B, 8270C, 6010B, 7471A,

Chris Tisserat, Laboratory Director

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Mr. Eduardo Chavez
Ninyo & Moore
475 Goddard Ste 200
Irvine, CA, 92618

Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 5ºC, on ice.

IR# 3

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

Rev.1.1: Thallium reported to MDL.

Mr. Eduardo Chavez
Ninyo & Moore
475 Goddard Ste 200
Irvine, CA, 92618

Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-7-0.5	OCAP1303-01	8/26/2024	8/26/2024	Soil
B-7-1	OCAP1303-02	8/26/2024	8/26/2024	Soil
B-7-2	OCAP1303-03	8/26/2024	8/26/2024	Soil
B-7-3	OCAP1303-04	8/26/2024	8/26/2024	Soil
B-7-4	OCAP1303-05	8/26/2024	8/26/2024	Soil
B-7-5	OCAP1303-06	8/26/2024	8/26/2024	Soil
B-8-0.5	OCAP1303-07	8/26/2024	8/26/2024	Soil
B-8-1	OCAP1303-08	8/26/2024	8/26/2024	Soil
B-8-2	OCAP1303-09	8/26/2024	8/26/2024	Soil
B-8-3	OCAP1303-10	8/26/2024	8/26/2024	Soil
B-8-4	OCAP1303-11	8/26/2024	8/26/2024	Soil
B-8-5	OCAP1303-12	8/26/2024	8/26/2024	Soil
B-6-5	OCAP1303-13	8/26/2024	8/26/2024	Soil
B-6-10	OCAP1303-14	8/26/2024	8/26/2024	Soil
B-6-15	OCAP1303-15	8/26/2024	8/26/2024	Soil
B-6-20	OCAP1303-16	8/26/2024	8/26/2024	Soil
B-6-25	OCAP1303-17	8/26/2024	8/26/2024	Soil

Mr. Eduardo Chavez
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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBKBH0827242			8/27/2024 11:32	8/27/2024 16:12	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	96

Dilution Factor: 1
Data Qualifiers: None
* Acc Recovery: 40-160 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBKBH0827242			8/27/2024 11:32	8/27/2024 16:12	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<50	Octacosane	96

Dilution Factor: 1
Data Qualifiers: None
* Acc Recovery: 40-160 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-5	OCAP1303-13	8/26/2024 15:45	8/26/2024 13:50	8/27/2024 11:32	8/27/2024 18:58	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	38	Octacosane	109

Dilution Factor: 1
Data Qualifiers: None
* Acc Recovery: 40-160 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-5	OCAP1303-13	8/26/2024 15:45	8/26/2024 13:50	8/27/2024 11:32	8/27/2024 18:58	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	110	Octacosane	109

Dilution Factor: 1
Data Qualifiers: None
* Acc Recovery: 40-160 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-10	OCAP1303-14	8/26/2024 15:45	8/26/2024 13:55	8/27/2024 11:32	8/27/2024 19:42	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	98

Dilution Factor: 1
Data Qualifiers: None
* Acc Recovery: 40-160 %

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-10	OCAP1303-14	8/26/2024 15:45	8/26/2024 13:55	8/27/2024 11:32	8/27/2024 19:42	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<50	Octacosane	98
		* Acc Recovery:	40-160 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-15	OCAP1303-15	8/26/2024 15:45	8/26/2024 13:57	8/27/2024 11:32	8/27/2024 20:25	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	94
		* Acc Recovery:	40-160 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-15	OCAP1303-15	8/26/2024 15:45	8/26/2024 13:57	8/27/2024 11:32	8/27/2024 20:25	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<50	Octacosane	94
		* Acc Recovery:	40-160 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-20	OCAP1303-16	8/26/2024 15:45	8/26/2024 13:59	8/27/2024 11:32	8/27/2024 21:08	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	107
		* Acc Recovery:	40-160 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-20	OCAP1303-16	8/26/2024 15:45	8/26/2024 13:59	8/27/2024 11:32	8/27/2024 21:08	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<50	Octacosane	107
		* Acc Recovery:	40-160 %

Dilution Factor: 1
Data Qualifiers: None

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-25	OCAP1303-17	8/26/2024 15:45	8/26/2024 14:02	8/27/2024 11:32	8/27/2024 21:51	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	97

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-160 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-25	OCAP1303-17	8/26/2024 15:45	8/26/2024 14:02	8/27/2024 11:32	8/27/2024 21:51	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<50	Octacosane	97

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-160 %

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBKBH0827241			8/27/2024 9:18	8/27/2024 9:48	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	84

Dilution Factor: 1
Data Qualifiers: None
* Acceptable Recovery: 32-156 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBKBH0828241			8/28/2024 9:11	8/28/2024 9:40	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	92

Dilution Factor: 1
Data Qualifiers: None
* Acceptable Recovery: 32-156 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-5	OCAP1303-13	8/26/2024 15:45	8/26/2024 13:50	8/26/2024 13:50	8/27/2024 17:04	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	91

Dilution Factor: 1
Data Qualifiers: None
* Acceptable Recovery: 32-156 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-10	OCAP1303-14	8/26/2024 15:45	8/26/2024 13:55	8/26/2024 13:55	8/28/2024 12:02	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	81

Dilution Factor: 1
Data Qualifiers: None
* Acceptable Recovery: 32-156 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-15	OCAP1303-15	8/26/2024 15:45	8/26/2024 13:57	8/26/2024 13:57	8/28/2024 12:22	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	68

Dilution Factor: 1
Data Qualifiers: None
* Acceptable Recovery: 32-156 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-20	OCAP1303-16	8/26/2024 15:45	8/26/2024 13:59	8/26/2024 13:59	8/28/2024 12:41	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	68

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 32-156 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-25	OCAP1303-17	8/26/2024 15:45	8/26/2024 14:02	8/26/2024 14:02	8/28/2024 13:01	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	78

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 32-156 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBBL0827241			8/27/2024 17:30	8/28/2024 15:04	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2.0
alpha-BHC	319-84-6	<5.0
beta-BHC	319-85-7	<5.0
gamma-BHC (Lindane)	58-89-9	<5.0
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5.0
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2.0
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5.0
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5.0
Heptachlor	76-44-8	<2.0
Heptachlor epoxide	1024-57-3	<5.0
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	82

* Acceptable Recovery: 33-139 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-5	OCAP1303-13	8/26/2024 15:45	8/26/2024 13:50	8/27/2024 17:30	9/3/2024 12:43	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<4.0
alpha-BHC	319-84-6	<10
beta-BHC	319-85-7	<10
gamma-BHC (Lindane)	58-89-9	<10
delta-BHC	319-86-8	<20
Chlordane	57-74-9	<60
4,4'-DDD	72-54-8	41
4,4'-DDE	72-55-9	14
4,4'-DDT	50-29-3	<20
Dieldrin	60-57-1	<4.0
Endosulfan I	959-98-8	<20
Endosulfan II	33213-65-9	<10
Endosulfan sulfate	1031-07-8	<20
Endrin	72-20-8	<20
Endrin aldehyde	7421-93-4	<20
Endrin ketone	53494-70-5	<10
Heptachlor	76-44-8	<4.0
Heptachlor epoxide	1024-57-3	<10
Methoxychlor	72-43-5	<20
Toxaphene	8001-35-2	<80

Surrogate:	% RC*
Decachlorobiphenyl	70

* Acceptable Recovery: 33-139 %

Dilution Factor: 2

Data Qualifiers: D1,

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-10	OCAP1303-14	8/26/2024 15:45	8/26/2024 13:55	8/27/2024 17:30	9/3/2024 12:57	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2.0
alpha-BHC	319-84-6	<5.0
beta-BHC	319-85-7	<5.0
gamma-BHC (Lindane)	58-89-9	<5.0
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5.0
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2.0
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5.0
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5.0
Heptachlor	76-44-8	<2.0
Heptachlor epoxide	1024-57-3	<5.0
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	69

* Acceptable Recovery: 33-139 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-15	OCAP1303-15	8/26/2024 15:45	8/26/2024 13:57	8/27/2024 17:30	9/3/2024 13:12	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2.0
alpha-BHC	319-84-6	<5.0
beta-BHC	319-85-7	<5.0
gamma-BHC (Lindane)	58-89-9	<5.0
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5.0
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2.0
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5.0
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5.0
Heptachlor	76-44-8	<2.0
Heptachlor epoxide	1024-57-3	<5.0
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	74

* Acceptable Recovery: 33-139 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-20	OCAP1303-16	8/26/2024 15:45	8/26/2024 13:59	8/27/2024 17:30	9/3/2024 13:27	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2.0
alpha-BHC	319-84-6	<5.0
beta-BHC	319-85-7	<5.0
gamma-BHC (Lindane)	58-89-9	<5.0
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5.0
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2.0
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5.0
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5.0
Heptachlor	76-44-8	<2.0
Heptachlor epoxide	1024-57-3	<5.0
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	74

* Acceptable Recovery: 33-139 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-25	OCAP1303-17	8/26/2024 15:45	8/26/2024 14:02	8/27/2024 17:30	9/3/2024 13:41	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2.0
alpha-BHC	319-84-6	<5.0
beta-BHC	319-85-7	<5.0
gamma-BHC (Lindane)	58-89-9	<5.0
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5.0
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2.0
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5.0
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5.0
Heptachlor	76-44-8	<2.0
Heptachlor epoxide	1024-57-3	<5.0
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	72

* Acceptable Recovery: 33-139 %

Dilution Factor: 1

Data Qualifiers: None

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Irvine, CA, 92618

Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Polychlorinated Biphenyl's (EPA 8082)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBBL0827241			8/27/2024 17:30	8/29/2024 11:26	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate: % RC*
Decachlorobiphenyl 92
* Acceptable Recovery: 33-139 %
Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-5	OCAP1303-13	8/26/2024 15:45	8/26/2024 13:50	8/27/2024 17:30	8/29/2024 13:37	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<50
PCB-1221	11104-28-2	<50
PCB-1232	11141-16-5	<50
PCB-1242	53469-21-9	<50
PCB-1248	12672-29-6	<50
PCB-1254	11097-69-1	<50
PCB-1260	11096-82-5	<50

Surrogate: % RC*
Decachlorobiphenyl 42
* Acceptable Recovery: 33-139 %
Dilution Factor: 2
Data Qualifiers: D1,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-10	OCAP1303-14	8/26/2024 15:45	8/26/2024 13:55	8/27/2024 17:30	8/29/2024 15:22	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate: % RC*
Decachlorobiphenyl 32
* Acceptable Recovery: 33-139 %
Dilution Factor: 1
Data Qualifiers: S5,

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Polychlorinated Biphenyl's (EPA 8082)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-15	OCAP1303-15	8/26/2024 15:45	8/26/2024 13:57	8/27/2024 17:30	8/29/2024 15:37	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate: % RC*
Decachlorobiphenyl 31
* Acceptable Recovery: 33-139 %
Dilution Factor: 1
Data Qualifiers: S5,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-20	OCAP1303-16	8/26/2024 15:45	8/26/2024 13:59	8/27/2024 17:30	8/29/2024 15:51	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate: % RC*
Decachlorobiphenyl 32
* Acceptable Recovery: 33-139 %
Dilution Factor: 1
Data Qualifiers: S5,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-25	OCAP1303-17	8/26/2024 15:45	8/26/2024 14:02	8/27/2024 17:30	8/29/2024 16:06	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate: % RC*
Decachlorobiphenyl 28
* Acceptable Recovery: 33-139 %
Dilution Factor: 1
Data Qualifiers: S5,

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBRC0828241			8/28/2024 9:36	8/28/2024 11:51	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	cis-1,3-Dichloropropene	10061-01-5	<2.5
Benzene	71-43-2	<2.0	trans-1,3-Dichloropropene	10061-02-6	<2.5
Bromobenzene	108-86-1	<2.5	Diisopropyl ether (DIPE)	108-20-3	<10
Bromochloromethane	74-97-5	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromodichloromethane	75-27-4	<2.5	Ethylbenzene	100-41-4	<2.5
Bromoform	75-25-2	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromomethane	74-83-9	<10	Isopropylbenzene	98-82-8	<2.5
2-Butanone (MEK)	78-93-3	<50	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	114	55-139 %
Toluene-d8:	98	45-144 %
4-Bromofluorobenzene:	88	54-136 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-5	OCAP1303-13	8/26/2024 15:45	8/26/2024 13:50	8/26/2024 13:50	8/28/2024 15:31	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	cis-1,3-Dichloropropene	10061-01-5	<2.5
Benzene	71-43-2	<2.0	trans-1,3-Dichloropropene	10061-02-6	<2.5
Bromobenzene	108-86-1	<2.5	Diisopropyl ether (DIPE)	108-20-3	<10
Bromochloromethane	74-97-5	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromodichloromethane	75-27-4	<2.5	Ethylbenzene	100-41-4	<2.5
Bromoform	75-25-2	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromomethane	74-83-9	<10	Isopropylbenzene	98-82-8	<2.5
2-Butanone (MEK)	78-93-3	<50	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	140	55-139 %
Toluene-d8:	118	45-144 %
4-Bromofluorobenzene:	109	54-136 %

Dilution Factor: 1

Data Qualifiers: S1,

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-10	OCAP1303-14	8/26/2024 15:45	8/26/2024 13:55	8/26/2024 13:55	8/28/2024 15:51	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	cis-1,3-Dichloropropene	10061-01-5	<2.5
Benzene	71-43-2	<2.0	trans-1,3-Dichloropropene	10061-02-6	<2.5
Bromobenzene	108-86-1	<2.5	Diisopropyl ether (DIPE)	108-20-3	<10
Bromochloromethane	74-97-5	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromodichloromethane	75-27-4	<2.5	Ethylbenzene	100-41-4	<2.5
Bromoform	75-25-2	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromomethane	74-83-9	<10	Isopropylbenzene	98-82-8	<2.5
2-Butanone (MEK)	78-93-3	<50	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	138	55-139 %
Toluene-d8:	115	45-144 %
4-Bromofluorobenzene:	106	54-136 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-15	OCAP1303-15	8/26/2024 15:45	8/26/2024 13:57	8/26/2024 13:57	8/28/2024 16:11	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	cis-1,3-Dichloropropene	10061-01-5	<2.5
Benzene	71-43-2	<2.0	trans-1,3-Dichloropropene	10061-02-6	<2.5
Bromobenzene	108-86-1	<2.5	Diisopropyl ether (DIPE)	108-20-3	<10
Bromochloromethane	74-97-5	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromodichloromethane	75-27-4	<2.5	Ethylbenzene	100-41-4	<2.5
Bromoform	75-25-2	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromomethane	74-83-9	<10	Isopropylbenzene	98-82-8	<2.5
2-Butanone (MEK)	78-93-3	<50	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	153	55-139 %
Toluene-d8:	129	45-144 %
4-Bromofluorobenzene:	117	54-136 %

Dilution Factor: 1

Data Qualifiers: S1,

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-20	OCAP1303-16	8/26/2024 15:45	8/26/2024 13:59	8/26/2024 13:59	8/28/2024 16:31	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	cis-1,3-Dichloropropene	10061-01-5	<2.5
Benzene	71-43-2	<2.0	trans-1,3-Dichloropropene	10061-02-6	<2.5
Bromobenzene	108-86-1	<2.5	Diisopropyl ether (DIPE)	108-20-3	<10
Bromochloromethane	74-97-5	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromodichloromethane	75-27-4	<2.5	Ethylbenzene	100-41-4	<2.5
Bromoform	75-25-2	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromomethane	74-83-9	<10	Isopropylbenzene	98-82-8	<2.5
2-Butanone (MEK)	78-93-3	<50	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	183	55-139 %
Toluene-d8:	153	45-144 %
4-Bromofluorobenzene:	137	54-136 %

Dilution Factor: 1

Data Qualifiers: S1,

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-25	OCAP1303-17	8/26/2024 15:45	8/26/2024 14:02	8/26/2024 14:02	8/28/2024 16:51	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	cis-1,3-Dichloropropene	10061-01-5	<2.5
Benzene	71-43-2	<2.0	trans-1,3-Dichloropropene	10061-02-6	<2.5
Bromobenzene	108-86-1	<2.5	Diisopropyl ether (DIPE)	108-20-3	<10
Bromochloromethane	74-97-5	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromodichloromethane	75-27-4	<2.5	Ethylbenzene	100-41-4	<2.5
Bromoform	75-25-2	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromomethane	74-83-9	<10	Isopropylbenzene	98-82-8	<2.5
2-Butanone (MEK)	78-93-3	<50	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	171	55-139 %
Toluene-d8:	142	45-144 %
4-Bromofluorobenzene:	130	54-136 %

Dilution Factor: 1

Data Qualifiers: S1,

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Polynuclear Aromatic Hydrocarbons by SIM (EPA 8270C)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBPM0828241			8/28/2024 14:53	8/28/2024 18:57	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<5.0
Acenaphthylene:	208-96-8	<5.0
Anthracene:	120-12-7	<5.0
Benz(a)anthracene:	56-55-3	<5.0
Benzo(a)pyrene:	50-32-8	<5.0
Benzo(b)fluoranthene:	205-99-2	<5.0
Benzo(k)fluoranthene:	207-08-9	<5.0
Benzo(g,h,i)perylene:	191-24-2	<5.0
Chrysene:	218-01-9	<5.0
Dibenz(a,h)anthracene:	53-70-3	<6.0
Fluoranthene:	206-44-0	<6.5
Pyrene:	129-00-0	<6.5
Fluorene:	86-73-7	<5.0
Phenanthrene:	85-01-8	<5.0
Indeno(1,2,3-cd)pyrene:	193-39-5	<5.0
Naphthalene:	91-20-3	<5.0

Surrogate:	% RC*
Nitrobenzene-d5	86

* Acceptable Recovery: 27-134 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-5	OCAP1303-13	8/26/2024 15:45	8/26/2024 13:50	8/28/2024 14:53	8/29/2024 13:49	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<250
Acenaphthylene:	208-96-8	<250
Anthracene:	120-12-7	<250
Benz(a)anthracene:	56-55-3	470
Benzo(a)pyrene:	50-32-8	<250
Benzo(b)fluoranthene:	205-99-2	480
Benzo(k)fluoranthene:	207-08-9	<250
Benzo(g,h,i)perylene:	191-24-2	<250
Chrysene:	218-01-9	620
Dibenz(a,h)anthracene:	53-70-3	<300
Fluoranthene:	206-44-0	600
Pyrene:	129-00-0	580
Fluorene:	86-73-7	<250
Phenanthrene:	85-01-8	<250
Indeno(1,2,3-cd)pyrene:	193-39-5	<250
Naphthalene:	91-20-3	<250

Surrogate:	% RC*
Nitrobenzene-d5	Diluted

* Acceptable Recovery: 27-134 %

Dilution Factor: 50
Data Qualifiers: D2, S8,

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Polynuclear Aromatic Hydrocarbons by SIM (EPA 8270C)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-10	OCAP1303-14	8/26/2024 15:45	8/26/2024 13:55	8/28/2024 14:53	8/28/2024 21:36	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<25
Acenaphthylene:	208-96-8	<25
Anthracene:	120-12-7	<25
Benz(a)anthracene:	56-55-3	<25
Benzo(a)pyrene:	50-32-8	<25
Benzo(b)fluoranthene:	205-99-2	<25
Benzo(k)fluoranthene:	207-08-9	<25
Benzo(g,h,i)perylene:	191-24-2	<25
Chrysene:	218-01-9	<25
Dibenz(a,h)anthracene:	53-70-3	<30
Fluoranthene:	206-44-0	<33
Pyrene:	129-00-0	<33
Fluorene:	86-73-7	<25
Phenanthrene:	85-01-8	<25
Indeno(1,2,3-cd)pyrene:	193-39-5	<25
Naphthalene:	91-20-3	<25

Surrogate:	% RC*
Nitrobenzene-d5	98

* Acceptable Recovery: 27-134 %

Dilution Factor: 5
Data Qualifiers: D1,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-15	OCAP1303-15	8/26/2024 15:45	8/26/2024 13:57	8/28/2024 14:53	8/29/2024 14:20	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<25
Acenaphthylene:	208-96-8	<25
Anthracene:	120-12-7	<25
Benz(a)anthracene:	56-55-3	<25
Benzo(a)pyrene:	50-32-8	<25
Benzo(b)fluoranthene:	205-99-2	<25
Benzo(k)fluoranthene:	207-08-9	<25
Benzo(g,h,i)perylene:	191-24-2	<25
Chrysene:	218-01-9	<25
Dibenz(a,h)anthracene:	53-70-3	<30
Fluoranthene:	206-44-0	<33
Pyrene:	129-00-0	<33
Fluorene:	86-73-7	<25
Phenanthrene:	85-01-8	<25
Indeno(1,2,3-cd)pyrene:	193-39-5	<25
Naphthalene:	91-20-3	<25

Surrogate:	% RC*
Nitrobenzene-d5	110

* Acceptable Recovery: 27-134 %

Dilution Factor: 5
Data Qualifiers: D1,

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Polynuclear Aromatic Hydrocarbons by SIM (EPA 8270C)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-20	OCAP1303-16	8/26/2024 15:45	8/26/2024 13:59	8/28/2024 14:53	8/29/2024 14:52	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<25
Acenaphthylene:	208-96-8	<25
Anthracene:	120-12-7	<25
Benz(a)anthracene:	56-55-3	<25
Benzo(a)pyrene:	50-32-8	<25
Benzo(b)fluoranthene:	205-99-2	<25
Benzo(k)fluoranthene:	207-08-9	<25
Benzo(g,h,i)perylene:	191-24-2	<25
Chrysene:	218-01-9	<25
Dibenz(a,h)anthracene:	53-70-3	<30
Fluoranthene:	206-44-0	<33
Pyrene:	129-00-0	<33
Fluorene:	86-73-7	<25
Phenanthrene:	85-01-8	<25
Indeno(1,2,3-cd)pyrene:	193-39-5	<25
Naphthalene:	91-20-3	<25

Surrogate:	% RC*
Nitrobenzene-d5	96

* Acceptable Recovery: 27-134 %

Dilution Factor: 5
Data Qualifiers: D1,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-6-25	OCAP1303-17	8/26/2024 15:45	8/26/2024 14:02	8/28/2024 14:53	8/28/2024 15:24	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<25
Acenaphthylene:	208-96-8	<25
Anthracene:	120-12-7	<25
Benz(a)anthracene:	56-55-3	<25
Benzo(a)pyrene:	50-32-8	<25
Benzo(b)fluoranthene:	205-99-2	<25
Benzo(k)fluoranthene:	207-08-9	<25
Benzo(g,h,i)perylene:	191-24-2	<25
Chrysene:	218-01-9	<25
Dibenz(a,h)anthracene:	53-70-3	<30
Fluoranthene:	206-44-0	<33
Pyrene:	129-00-0	<33
Fluorene:	86-73-7	<25
Phenanthrene:	85-01-8	<25
Indeno(1,2,3-cd)pyrene:	193-39-5	<25
Naphthalene:	91-20-3	<25

Surrogate:	% RC*
Nitrobenzene-d5	103

* Acceptable Recovery: 27-134 %

Dilution Factor: 5
Data Qualifiers: D1,

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
Method Blank				Soil

MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBJH0827241	Antimony	6010B	<2.0	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBJH0827241	Arsenic	6010B	<2.0	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBJH0827241	Barium	6010B	<1.0	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBJH0827241	Beryllium	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBJH0827241	Cadmium	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBJH0827241	Chromium	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBJH0827241	Cobalt	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBJH0827241	Copper	6010B	<5.0	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBJH0827241	Lead	6010B	<0.80	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBAU0826243	Mercury	7471A	<0.10	mg/kg	08/26/24 14:47	08/27/24 14:14	--	1
MBJH0827241	Molybdenum	6010B	<1.0	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBJH0827241	Nickel	6010B	<1.0	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBJH0827241	Selenium	6010B	<4.8	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBJH0827241	Silver	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBJH0827241	Thallium	6010B	<2.0	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBJH0827241	Vanadium	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1
MBJH0827241	Zinc	6010B	<5.0	mg/kg	08/27/24 13:00	08/28/24 11:19	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
Method Blank				Soil

MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBJH0827243	Lead	6010B	<0.80	mg/kg	08/27/24 13:00	08/28/24 14:28	--	1

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-7-0.5	OCAP1303-01	8/26/2024 15:45	8/26/2024 9:00	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	10	mg/kg	08/27/24 13:00	08/28/24 15:15	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-7-1	OCAP1303-02	8/26/2024 15:45	8/26/2024 9:02	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	12	mg/kg	08/27/24 13:00	08/28/24 15:18	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-7-2	OCAP1303-03	8/26/2024 15:45	8/26/2024 9:04	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	9.0	mg/kg	08/27/24 13:00	08/28/24 15:21	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-7-3	OCAP1303-04	8/26/2024 15:45	8/26/2024 9:06	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	11	mg/kg	08/27/24 13:00	08/28/24	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-7-4	OCAP1303-05	8/26/2024 15:45	8/26/2024 9:08	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	5.1	mg/kg	08/27/24 13:00	08/28/24 15:26	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-7-5	OCAP1303-06	8/26/2024 15:45	8/26/2024 9:10	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	4.9	mg/kg	08/27/24 13:00	08/28/24 15:29	--	1

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-8-0.5	OCAP1303-07	8/26/2024 15:45	8/26/2024 10:35	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	23	mg/kg	08/27/24 13:00	08/28/24 15:31	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-8-1	OCAP1303-08	8/26/2024 15:45	8/26/2024 10:39	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	37	mg/kg	08/27/24 13:00	08/28/24 15:34	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-8-2	OCAP1303-09	8/26/2024 15:45	8/26/2024 10:45	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	39	mg/kg	08/27/24 13:00	08/28/24 15:37	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-8-3	OCAP1303-10	8/26/2024 15:45	8/26/2024 11:15	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	35	mg/kg	08/27/24 13:00	08/28/24 15:44	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-8-4	OCAP1303-11	8/26/2024 15:45	8/26/2024 11:30	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	7.1	mg/kg	08/27/24 13:00	08/28/24 15:47	--	1

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-8-5	OCAP1303-12	8/26/2024 15:45	8/26/2024 11:45	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Lead	6010B	7.0	mg/kg	08/27/24 13:00	08/28/24 15:50	--	1

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-6-5	OCAP1303-13	8/26/2024 15:45	8/26/2024 13:50	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Arsenic	6010B	3.9	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Barium	6010B	42	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Beryllium	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Cadmium	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Chromium	6010B	9.9	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Cobalt	6010B	6.1	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Copper	6010B	11	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Lead	6010B	6.5	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Mercury	7471A	<0.10	mg/kg	08/27/24 10:10	08/27/24 14:42	--	1
Molybdenum	6010B	<1.0	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Nickel	6010B	7.4	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Selenium	6010B	<4.8	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Silver	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Thallium	6010B	<0.41	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Vanadium	6010B	25	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1
Zinc	6010B	40	mg/kg	08/27/24 13:00	08/28/24 12:10	--	1

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-6-10	OCAP1303-14	8/26/2024 15:45	8/26/2024 13:55	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Arsenic	6010B	<2.0	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Barium	6010B	42	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Beryllium	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Cadmium	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Chromium	6010B	11	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Cobalt	6010B	6.0	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Copper	6010B	7.1	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Lead	6010B	4.4	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Mercury	7471A	<0.10	mg/kg	08/27/24 10:10	08/27/24 14:43	--	1
Molybdenum	6010B	<1.0	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Nickel	6010B	6.4	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Selenium	6010B	<4.8	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Silver	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Thallium	6010B	<0.41	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Vanadium	6010B	30	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1
Zinc	6010B	30	mg/kg	08/27/24 13:00	08/28/24 12:21	--	1

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-6-15	OCAP1303-15	8/26/2024 15:45	8/26/2024 13:57	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Arsenic	6010B	5.3	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Barium	6010B	69	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Beryllium	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Cadmium	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Chromium	6010B	14	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Cobalt	6010B	7.2	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Copper	6010B	16	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Lead	6010B	6.7	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Mercury	7471A	<0.10	mg/kg	08/27/24 10:10	08/27/24 14:45	--	1
Molybdenum	6010B	<1.0	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Nickel	6010B	11	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Selenium	6010B	<4.8	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Silver	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Thallium	6010B	<0.41	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Vanadium	6010B	40	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1
Zinc	6010B	53	mg/kg	08/27/24 13:00	08/28/24 12:25	--	1

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-6-20	OCAP1303-16	8/26/2024 15:45	8/26/2024 13:59	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Arsenic	6010B	<2.0	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Barium	6010B	48	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Beryllium	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Cadmium	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Chromium	6010B	13	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Cobalt	6010B	7.0	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Copper	6010B	8.3	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Lead	6010B	2.6	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Mercury	7471A	<0.10	mg/kg	08/27/24 10:10	08/27/24 14:47	--	1
Molybdenum	6010B	<1.0	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Nickel	6010B	7.5	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Selenium	6010B	<4.8	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Silver	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Thallium	6010B	<0.41	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Vanadium	6010B	27	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1
Zinc	6010B	34	mg/kg	08/27/24 13:00	08/28/24 12:28	--	1

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Lab Reference # NAM OCAP1303
Project Name:
Project #: 212797001

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-6-25	OCAP1303-17	8/26/2024 15:45	8/26/2024 14:02	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Arsenic	6010B	11	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Barium	6010B	150	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Beryllium	6010B	0.81	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Cadmium	6010B	0.97	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Chromium	6010B	24	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Cobalt	6010B	11	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Copper	6010B	27	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Lead	6010B	11	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Mercury	7471A	<0.10	mg/kg	08/27/24 10:10	08/27/24 14:48	--	1
Molybdenum	6010B	<1.0	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Nickel	6010B	18	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Selenium	6010B	<4.8	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Silver	6010B	<0.50	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Thallium	6010B	<0.41	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Vanadium	6010B	57	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1
Zinc	6010B	81	mg/kg	08/27/24 13:00	08/28/24 12:31	--	1

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QA/QC Report
for
Extactable Fuel Hydrocarbons (EPA 8015B/8015M)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/27/2024 11:32
Date of Analysis: 8/27/2024 17:35
Dup Date of Analysis: 8/27/2024 17:55
Laboratory Sample #: OCAP1303-14
MS/MSD Qualifiers: None
Reference #: NAM OCAP1303

Analyte	R	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
EFH as Diesel	0.00	1000	1080	1150	108	115	6	50-156	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Octacosane	108	116	☐

LCS	LCSD	Qual
89	96	☐

ACP % RC
40-160

Laboratory Control Sample

Date of Extraction: 8/27/2024 11:32
Date of Analysis: 8/27/2024 16:54
Dup Date of Analysis: 8/27/2024 17:14
Laboratory Sample #: KBH0827242
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
EFH as Diesel	1000	832	957	83	96	14	45-147	21	☐

QA/QC Report
for
Volatile Fuel Hydrocarbons (EPA 8015B)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/27/2024 9:18
Date of Analysis: 8/27/2024 10:46
Dup Date of Analysis: 8/27/2024 11:05
Laboratory Sample #: OCAP1303-13
MS/MSD Qualifiers: None
Reference #: NAM OCAP1303

Analyte	R	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
VFH as Gasoline	0.00	0.250	0.142	0.100	57	40	35	19-131	39	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
α-α-α-Trifluorotoluene	85	81	☐

LCS	LCSD	Qual
103	87	☐

ACP % RC
32-156

Laboratory Control Sample

Date of Extraction: 8/27/2024 9:18
Date of Analysis: 8/27/2024 10:07
Dup Date of Analysis: 8/27/2024 10:26
Laboratory Sample #: KBH0827241
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
VFH as Gasoline	0.250	0.190	0.143	76	57	28	22-130	35	☐

QA/QC Report
for
Volatile Fuel Hydrocarbons (EPA 8015B)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/28/2024 9:11
Date of Analysis: 8/28/2024 11:23
Dup Date of Analysis: 8/28/2024 11:43
Laboratory Sample #: OCAP1303-14
MS/MSD Qualifiers: None
Reference #: NAM OCAP1303

Analyte	R	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
VFH as Gasoline	0.00	0.250	0.140	0.104	56	42	30	19-131	39	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
α-α-α-Trifluorotoluene	83	63	☐

LCS	LCSD	Qual
81	84	☐

ACP % RC
32-156

Laboratory Control Sample

Date of Extraction: 8/28/2024 9:11
Date of Analysis: 8/28/2024 10:44
Dup Date of Analysis: 8/28/2024 11:03
Laboratory Sample #: KBH0828241
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
VFH as Gasoline	0.250	0.147	0.153	59	61	4	22-130	35	☐

QA/QC Report
for
Organochlorine Pesticides (EPA 8081A)
Reporting Units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/27/2024 17:30
Date of Analysis: 8/28/2024 15:48
Dup Date of Analysis: 8/28/2024 16:03
Laboratory Sample #: OCAP1303-017
MS/MSD Qualifiers: R2,
Reference #: NAM OCAP1303

Analyte	R	Spike Conc.	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Aldrin	0.00	20.0	9.85	9.85	49	49	0	17-130	25	--
alpha-BHC	0.00	20.0	10.8	10.5	54	52	3	22-130	23	--
beta-BHC	0.00	20.0	11.4	11.8	57	59	3	26-130	25	--
gamma-BHC (Lindane)	0.00	20.0	11.5	11.3	57	56	2	27-130	22	--
4,4'-DDD	0.00	20.0	17.3	16.2	86	81	7	37-130	27	--
4,4'-DDE	0.00	20.0	15.4	14.5	77	73	6	42-130	20	--
4,4'-DDT	0.00	20.0	20.8	18.5	104	93	12	43-130	23	--
delta-BHC	0.00	20.0	13.6	12.8	68	64	6	34-130	24	--
Dieldrin	0.00	20.0	13.3	12.5	67	63	6	29-130	21	--
Endosulfan I	0.00	20.0	12.1	11.9	61	59	2	29-130	25	--
Endosulfan II	0.00	20.0	14.0	11.7	70	58	18	29-130	26	--
Endosulfan sulfate	0.00	20.0	11.3	4.85	56	24	80	D-130	30	R2,
Endrin	0.00	20.0	14.6	13.5	73	68	8	34-130	27	--
Endrin Aldehyde	0.00	20.0	7.87	3.26	39	16	83	D-130	30	R2,
Endrin ketone	0.00	20.0	12.9	7.66	64	38	51	15-130	30	R2,
Heptachlor	0.00	20.0	10.2	10.2	51	51	0	21-130	25	--
Heptachlor epoxide	0.00	20.0	11.9	11.5	59	57	3	28-130	26	--
Methoxychlor	0.00	20.0	12.1	12.0	61	60	1	28-130	29	--

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Decachlorobiphenyl	86	88	☐

LCS	LCSD	Qual
89	91	☐

ACP % RC
33-139

Laboratory Control Sample (LCS) / Laboratory Control Sample Duplicate (LCSD)

Date of Extraction: 8/27/2024 17:30
Date of Analysis: 8/28/2024 15:19
Dup Date of Analysis: 8/28/2024 15:34
Laboratory Sample #: BL0827241A
LCS/LCSD Qualifiers: L2, R2,

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
Aldrin	20.0	8.57	11.2	43	56	27	10-130	30	--
alpha-BHC	20.0	9.62	11.6	48	58	19	16-130	31	--
beta-BHC	20.0	8.76	11.1	44	56	24	23-130	26	--
gamma-BHC (Lindane)	20.0	10.8	12.5	54	63	15	20-130	28	--
4,4'-DDD	20.0	12.6	14.5	63	73	14	50-130	20	--
4,4'-DDE	20.0	11.8	14.0	59	70	17	40-130	20	--

QA/QC Report
for
Organochlorine Pesticides (EPA 8081A)

Reporting Units: ppb

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
4,4'-DDT	20.0	15.3	17.2	76	86	12	47-130	20	--
delta-BHC	20.0	10.3	9.96	51	50	3	29-130	27	--
Dieldrin	20.0	10.4	12.0	52	60	14	33-130	24	--
Endosulfan I	20.0	9.87	11.7	49	58	17	25-130	29	--
Endosulfan II	20.0	11.3	8.44	56	42	29	36-130	27	R2,
Endosulfan sulfate	20.0	9.36	1.70	47	9	139	D-129	44	R2,
Endrin	20.0	10.9	12.5	54	63	14	34-130	21	--
Endrin Aldehyde	20.0	8.75	1.36	44	7	146	4-130	43	R2,
Endrin ketone	20.0	10.6	3.79	53	19	95	21-130	26	L2, R2,
Heptachlor	20.0	8.55	11.4	43	57	29	13-130	33	--
Heptachlor epoxide	20.0	10.1	11.7	50	58	15	23-130	27	--
Methoxychlor	20.0	10.3	8.01	51	40	25	41-130	24	L2, R2,

QA/QC Report
for
Polychlorinated Biphenyl's (EPA 8082)

Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/27/2024 17:30
Date of Analysis: 8/29/2024 12:09
Dup Date of Analysis: 8/29/2024 12:24
Laboratory Sample #: OCAP1303-017
MS/MSD Qualifiers: M1,
Reference #: NAM OCAP1303

Analyte	R	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
PCB-1016	0.00	150	156	161	104	107	3	27-135	27	☐
PCB-1260	0.00	150	243	233	162	155	4	41-131	22	☑

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Decachlorobiphenyl	97	80	☐

LCS	LCSD	Qual
81	90	☐

ACP % RC
33-139

Laboratory Control Sample

Date of Extraction: 8/27/2024 17:30
Date of Analysis: 8/29/2024 11:40
Dup Date of Analysis: 8/29/2024 11:55
Laboratory Sample #: BL0827241B
LCS Qualifiers: L1,

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
PCB-1016	150	149	146	99	97	2	18-145	28	☐
PCB-1260	150	217	247	145	165	13	42-141	20	☑

QA/QC Report
for
Volatile Organic Compounds (8260B)
Reporting Units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/28/2024 9:36
Date of Analysis: 8/28/2024 13:51
Dup Date of Analysis: 8/28/2024 14:11
Laboratory Sample #: OCAP1308-01
MS/MSD Qualifiers: M2,
Reference #: NAM OCAP1303

Analyte	R	Spike Conc.	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Benzene	0.00	10.0	10.9	11.0	109	110	1	70-130	20	--
Bromobenzene	0.00	10.0	9.76	9.37	98	94	4	70-130	20	--
Bromochloromethane	0.00	10.0	10.3	10.4	103	104	1	70-130	20	--
Bromodichloromethane	0.00	10.0	9.98	10.1	100	101	1	70-130	20	--
Bromoform	0.00	10.0	7.64	7.61	76	76	0	50-142	20	--
Bromomethane	0.00	10.0	10.5	10.2	105	102	3	25-141	20	--
2-Butanone (MEK)	0.00	10.0	10.4	12.3	104	123	17	33-170	26	--
n-Butylbenzene	0.00	10.0	11.1	10.5	111	105	6	41-164	20	--
sec-Butylbenzene	0.00	10.0	10.2	9.80	102	98	4	43-158	20	--
tert-Butylbenzene	0.00	10.0	9.75	9.25	98	93	5	59-133	20	--
Carbon tetrachloride	0.00	10.0	10.3	10.8	103	108	5	55-144	20	--
Chlorobenzene	0.00	10.0	10.1	9.96	101	100	1	70-130	20	--
Chloroethane	0.00	10.0	9.73	9.26	97	93	5	24-137	21	--
Chloroform	0.00	10.0	12.3	12.3	123	123	0	69-130	20	--
Chloromethane	0.00	10.0	12.0	11.5	120	115	4	43-130	20	--
2-Chlorotoluene	0.00	10.0	10.8	10.4	108	104	4	68-130	20	--
4-Chlorotoluene	0.00	10.0	11.0	10.6	110	106	4	70-134	20	--
1,2-Dibromo-3-chloropropane	0.00	10.0	6.98	6.85	70	69	2	66-130	20	--
Dibromochloromethane	0.00	10.0	8.88	8.79	89	88	1	65-130	20	--
1,2-Dibromoethane (EDB)	0.00	10.0	8.59	8.88	86	89	3	70-132	20	--
Dibromomethane	0.00	10.0	10.1	9.99	101	100	1	70-130	20	--
1,2-Dichlorobenzene	0.00	10.0	9.97	9.43	100	94	6	70-131	20	--
1,3-Dichlorobenzene	0.00	10.0	10.4	9.73	104	97	7	70-130	20	--
1,4-Dichlorobenzene	0.00	10.0	10.5	10.0	105	100	5	70-130	20	--
Dichlorodifluoromethane	0.00	10.0	9.16	8.75	92	88	5	25-144	24	--
1,1-Dichloroethane	0.00	10.0	12.0	12.3	120	123	2	59-131	20	--
1,2-Dichloroethane	0.00	10.0	10.7	10.8	107	108	1	70-146	20	--
1,1-Dichloroethene	0.00	10.0	12.4	11.5	124	115	8	51-131	20	--
cis-1,2-Dichloroethene	0.00	10.0	11.0	11.6	110	116	5	66-130	20	--
trans-1,2-Dichloroethene	0.00	10.0	11.5	11.7	115	117	2	58-130	20	--
1,2-Dichloropropane	0.00	10.0	10.6	11.0	106	110	4	70-130	20	--
1,3-Dichloropropane	0.00	10.0	9.85	9.82	99	98	0	70-130	20	--
2,2-Dichloropropane	0.00	10.0	6.06	6.08	61	61	0	46-140	20	--
1,1-Dichloropropene	0.00	10.0	11.9	12.4	119	124	4	40-159	20	--
cis-1,3-Dichloropropene	0.00	10.0	7.63	7.73	76	77	1	69-130	20	--
trans-1,3-Dichloropropene	0.00	10.0	6.54	6.54	65	65	0	65-130	20	--
Diisopropyl ether (DIPE)	0.00	10.0	11.5	12.2	115	122	6	48-130	20	--
Ethyl t-butyl ether (ETBE)	0.00	10.0	7.50	8.04	75	80	7	55-130	20	--
Ethylbenzene	0.00	10.0	10.0	10.0	100	100	0	66-136	20	--

QA/QC Report
for
Volatile Organic Compounds (8260B)

Reporting Units: ppb

Analyte	R	Spike Conc.	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Hexachlorobutadiene	0.00	10.0	8.56	8.18	86	82	5	46-164	23	--
Isopropylbenzene	0.00	10.0	9.34	9.44	93	94	1	53-147	20	--
4-Isopropyltoluene	0.00	10.0	10.4	9.96	104	100	4	54-148	20	--
Methyl t-butyl ether (MTBE)	0.00	20.0	14.0	14.6	70	73	4	64-130	20	--
Methylene chloride	0.00	10.0	13.8	14.2	138	142	3	25-167	20	--
Naphthalene	0.00	10.0	6.97	6.63	70	66	5	52-141	20	--
n-Propylbenzene	0.00	10.0	11.0	10.4	110	104	6	50-147	20	--
Styrene	0.00	10.0	9.11	9.02	91	90	1	66-134	20	--
t-Amyl methyl ether (TAME)	0.00	10.0	5.56	5.91	56	59	6	66-130	20	M2,
t-Butanol (TBA)	0.00	100	43.9	46.4	44	46	6	50-130	20	M2,
1,1,1,2-Tetrachloroethane	0.00	10.0	8.66	8.73	87	87	1	70-136	20	--
1,1,2,2-Tetrachloroethane	0.00	10.0	9.78	9.06	98	91	8	65-131	20	--
Tetrachloroethene	0.00	10.0	9.55	9.75	96	98	2	23-228	21	--
Toluene	0.00	10.0	10.3	10.2	103	102	1	70-130	20	--
1,2,3-Trichlorobenzene	0.00	10.0	8.16	7.73	82	77	5	70-139	20	--
1,2,4-Trichlorobenzene	0.00	10.0	8.01	7.83	80	78	2	57-135	20	--
1,1,1-Trichloroethane	0.00	10.0	9.58	10.2	96	102	6	55-142	20	--
1,1,2-Trichloroethane	0.00	10.0	9.60	9.44	96	94	2	70-131	20	--
Trichloroethene	0.00	10.0	10.2	10.1	102	101	1	70-134	20	--
Trichlorofluoromethane	0.00	10.0	9.30	8.85	93	89	5	60-148	20	--
1,2,3-Trichloropropane	0.00	10.0	8.84	8.31	88	83	6	66-130	20	--
1,2,4-Trimethylbenzene	0.00	10.0	10.7	10.3	107	103	4	58-141	20	--
1,3,5-Trimethylbenzene	0.00	10.0	10.5	9.97	105	100	5	61-139	20	--
Vinyl chloride	0.00	10.0	11.5	11.3	115	113	2	50-132	20	--
o-Xylene	0.00	10.0	9.86	9.83	99	98	0	69-131	20	--
m- & p-Xylenes	0.00	20.0	20.3	20.3	101	101	0	69-134	20	--

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual	LCS	LCSD	Qual	ACP % RC
Dibromofluoromethane	111	118	☐	100	107	☐	55-139
Toluene-d8	97	95	☐	79	90	☐	45-144
4-Bromofluorobenzene	94	95	☐	76	84	☐	54-136

Laboratory Control Sample (LCS) / Laboratory Control Sample Duplicate (LCSD)

Date of Extraction: 8/28/2024 9:36
Date of Analysis: 8/28/2024 13:11
Dup Date of Analysis: 8/28/2024 13:31
Laboratory Sample #: RC0828241
LCS/LCSD Qualifiers: L2, R2,

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
Benzene	10.0	10.1	10.0	101	100	1	70-130	20	--
Bromobenzene	10.0	8.76	8.85	88	89	1	70-130	20	--
Bromochloromethane	10.0	9.67	9.79	97	98	1	70-130	20	--
Bromodichloromethane	10.0	9.50	9.33	95	93	2	70-130	20	--
Bromoform	10.0	7.37	7.23	74	72	2	57-133	20	--
Bromomethane	10.0	10.0	9.61	100	96	4	16-154	20	--
2-Butanone (MEK)	10.0	7.03	5.69	70	57	21	38-133	27	--

QA/QC Report
for
Volatile Organic Compounds (8260B)

Reporting Units: ppb

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
n-Butylbenzene	10.0	9.41	9.73	94	97	3	60-144	20	--
sec-Butylbenzene	10.0	8.76	9.01	88	90	3	62-140	20	--
tert-Butylbenzene	10.0	8.38	8.71	84	87	4	70-130	20	--
Carbon tetrachloride	10.0	9.89	9.41	99	94	5	70-138	20	--
Chlorobenzene	10.0	9.15	9.28	91	93	1	70-130	20	--
Chloroethane	10.0	9.27	8.57	93	86	8	9-155	20	--
Chloroform	10.0	11.4	11.4	114	114	0	70-130	20	--
Chloromethane	10.0	12.4	10.7	124	107	15	49-130	20	--
2-Chlorotoluene	10.0	9.37	9.81	94	98	5	70-130	20	--
4-Chlorotoluene	10.0	9.52	9.94	95	99	4	70-130	20	--
1,2-Dibromo-3-chloropropane	10.0	6.63	6.71	66	67	1	70-130	20	L2,
Dibromochloromethane	10.0	8.20	8.08	82	81	1	67-130	20	--
1,2-Dibromoethane (EDB)	10.0	8.25	8.29	82	83	0	70-130	20	--
Dibromomethane	10.0	9.50	9.36	95	94	1	70-130	20	--
1,2-Dichlorobenzene	10.0	8.81	9.14	88	91	4	70-130	20	--
1,3-Dichlorobenzene	10.0	9.02	9.30	90	93	3	70-130	20	--
1,4-Dichlorobenzene	10.0	9.19	9.46	92	95	3	70-130	20	--
Dichlorodifluoromethane	10.0	8.95	8.09	89	81	10	33-143	25	--
1,1-Dichloroethane	10.0	11.3	11.5	113	115	2	68-130	20	--
1,2-Dichloroethane	10.0	10.3	10.2	103	102	1	70-144	20	--
1,1-Dichloroethene	10.0	11.4	10.2	114	102	11	64-130	20	--
cis-1,2-Dichloroethene	10.0	10.2	10.6	102	106	4	70-130	20	--
trans-1,2-Dichloroethene	10.0	10.7	10.5	107	105	2	70-130	20	--
1,2-Dichloropropane	10.0	9.96	9.76	100	98	2	70-130	20	--
1,3-Dichloropropane	10.0	9.52	9.06	95	91	5	70-130	20	--
2,2-Dichloropropane	10.0	5.73	5.53	57	55	4	61-135	20	L2,
1,1-Dichloropropene	10.0	11.2	11.0	112	110	2	64-142	20	--
cis-1,3-Dichloropropene	10.0	7.22	7.21	72	72	0	69-130	20	--
trans-1,3-Dichloropropene	10.0	6.10	6.21	61	62	2	66-130	20	L2,
Diisopropyl ether (DIPE)	10.0	13.0	11.4	130	114	13	51-130	20	--
Ethyl t-butyl ether (ETBE)	10.0	8.76	7.67	88	77	13	55-130	20	--
Ethylbenzene	10.0	8.91	8.95	89	89	0	70-130	20	--
Hexachlorobutadiene	10.0	7.16	7.46	72	75	4	56-149	22	--
Isopropylbenzene	10.0	8.41	8.46	84	85	1	70-133	20	--
4-Isopropyltoluene	10.0	8.91	9.34	89	93	5	70-133	20	--
Methyl t-butyl ether (MTBE)	20.0	15.1	14.0	75	70	8	63-130	20	--
Methylene chloride	10.0	12.7	12.7	127	127	0	37-153	20	--
Naphthalene	10.0	6.19	6.36	62	64	3	57-130	20	--
n-Propylbenzene	10.0	9.51	9.84	95	98	3	66-133	20	--
Styrene	10.0	7.97	8.04	80	80	1	70-130	20	--
t-Amyl methyl ether (TAME)	10.0	6.50	5.64	65	56	14	67-130	20	L2,
t-Butanol (TBA)	100	55.8	45.1	56	45	21	47-130	20	L2, R2,
1,1,1,2-Tetrachloroethane	10.0	7.90	7.94	79	79	1	70-136	20	--
1,1,2,2-Tetrachloroethane	10.0	8.80	9.26	88	93	5	70-130	20	--
Tetrachloroethene	10.0	8.58	8.81	86	88	3	70-130	20	--
Toluene	10.0	9.41	9.34	94	93	1	70-130	20	--
1,2,3-Trichlorobenzene	10.0	7.08	7.20	71	72	2	70-131	20	--
1,2,4-Trichlorobenzene	10.0	7.03	7.22	70	72	3	55-130	20	--
1,1,1-Trichloroethane	10.0	9.19	8.88	92	89	3	70-134	20	--
1,1,2-Trichloroethane	10.0	8.92	8.80	89	88	1	70-130	20	--

QA/QC Report
for
Volatile Organic Compounds (8260B)

Reporting Units: ppb

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
Trichloroethene	10.0	9.38	9.33	94	93	1	70-131	20	--
Trichlorofluoromethane	10.0	9.13	8.18	91	82	11	62-156	22	--
1,2,3-Trichloropropane	10.0	8.07	8.34	81	83	3	70-130	20	--
1,2,4-Trimethylbenzene	10.0	9.11	9.42	91	94	3	70-130	20	--
1,3,5-Trimethylbenzene	10.0	8.82	9.32	88	93	6	70-130	20	--
Vinyl chloride	10.0	11.5	10.2	115	102	12	65-130	20	--
o-Xylene	10.0	8.90	9.03	89	90	1	70-130	20	--
m- & p-Xylenes	20.0	18.1	18.3	91	91	1	70-130	20	--

QA/QC Report
for
Semi-Volatile Organic Compounds (8270C)
Reporting Units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/28/2024 14:53
Date of Analysis: 8/28/2024 20:32
Dup Date of Analysis: 8/28/2024 21:04
Laboratory Sample #: OCAP1303-14
MS/MSD Qualifiers: None
Reference #: NAM OCAP1303

Analyte	R	Spike Conc.	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Acenaphthene	0.00	500	423	295	85	59	36	34-136	20	--
Acenaphthylene	0.00	500	589	393	118	79	40	31-141	20	--
Anthracene	0.00	500	379	348	76	70	9	31-143	20	--
Benz(a)anthracene	0.00	500	642	644	128	129	0	34-156	20	--
Benzo(a)pyrene	0.00	500	495	485	99	97	2	32-143	20	--
Benzo(b)fluoranthene	0.00	500	613	569	123	114	7	31-150	20	--
Benzo(g,h,i)perylene	0.00	500	392	390	78	78	1	14-147	22	--
Benzo(k)fluoranthene	0.00	500	512	513	102	103	0	34-143	21	--
Chrysene	0.00	500	458	450	92	90	2	35-141	20	--
Dibenz(a,h)anthracene	0.00	500	396	386	79	77	3	23-142	20	--
Fluoranthene	0.00	500	393	370	79	74	6	36-150	20	--
Fluorene	0.00	500	483	369	97	74	27	35-140	20	--
Indeno(1,2,3-cd)pyrene	0.00	500	438	429	88	86	2	24-141	20	--
Naphthalene	0.00	500	459	91.0	92	18	134	28-130	20	--
Phenanthrene	0.00	500	410	358	82	72	14	33-142	20	--
Pyrene	0.00	500	548	514	110	103	6	33-150	20	--

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Nitrobenzene-d5	102	16	☑

LCS	LCSD	Qual
95	91	☐

ACP % RC
27-134

Laboratory Control Sample (LCS) / Laboratory Control Sample Duplicate (LCSD)

Date of Extraction: 8/28/2024 14:53
Date of Analysis: 8/28/2024 19:29
Dup Date of Analysis: 8/28/2024 20:00
Laboratory Sample #: PM0828241
LCS/LCSD Qualifiers: None

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
Acenaphthene	100	76.0	83.1	76	83	9	41-139	20	--
Acenaphthylene	100	103	114	103	114	10	41-141	20	--
Anthracene	100	72.8	73.8	73	74	1	38-141	20	--
Benz(a)anthracene	100	128	130	128	130	2	46-150	20	--

QA/QC Report
for
Semi-Volatile Organic Compounds (8270C)

Reporting Units: ppb

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
Benzo(a)pyrene	100	98.9	98.6	99	99	0	36-140	20	--
Benzo(b)fluoranthene	100	121	124	121	124	2	41-145	21	--
Benzo(g,h,i)perylene	100	81.2	79.7	81	80	2	21-149	27	--
Benzo(k)fluoranthene	100	101	109	101	109	8	41-142	22	--
Chrysene	100	90.2	92.9	90	93	3	41-142	20	--
Dibenz(a,h)anthracene	100	82.8	81.8	83	82	1	27-146	23	--
Fluoranthene	100	78.1	78.2	78	78	0	47-144	20	--
Fluorene	100	86.9	92.1	87	92	6	48-136	20	--
Indeno(1,2,3-cd)pyrene	100	90.9	90.5	91	90	0	27-147	24	--
Naphthalene	100	78.1	93.1	78	93	18	39-130	23	--
Phenanthrene	100	79.7	79.9	80	80	0	45-139	20	--
Pyrene	100	105	109	105	109	4	40-153	20	--

QA/QC Report
for
Metals

Reference #: NAM OCAP1303 Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD) **6010B/7471A**

Laboratory Sample #: OCAP1302-01 **Date of Extraction:** 08/26/24 14:47

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Mercury	08/27/24 14:21	08/27/24 14:22	0.00	1.00	0.934	0.974	93	97	4	80-120	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD) **6010B/7471A**

Laboratory Sample #: AU0826243 **Date of Extraction:** 08/26/24 14:47

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Mercury	08/27/24 14:15	08/27/24 14:17	--	1.00	0.960	1.00	96	100	4	80-120	20	--

Matrix Spike (MS) / Matrix Spike Duplicate (MSD) **6010B/7471A**

Laboratory Sample #: OCAP1302-01 **Date of Extraction:** 08/27/24 13:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Antimony	08/28/24 11:49	08/28/24 11:52	0.00	20.0	9.63	9.32	48	47	3	75-125	20	M2,
Arsenic	08/28/24 11:49	08/28/24 11:52	2.40	20.0	20.8	21.8	92	97	5	75-125	20	--
Barium	08/28/24 11:49	08/28/24 11:52	48.0	20.0	85.0	68.9	185	105	21	75-125	20	M3,
Beryllium	08/28/24 11:49	08/28/24 11:52	0.00	20.0	19.6	19.7	98	99	1	75-125	20	--
Cadmium	08/28/24 11:49	08/28/24 11:52	0.00	20.0	18.6	19.0	93	95	2	75-125	20	--
Chromium	08/28/24 11:49	08/28/24 11:52	13.0	20.0	32.9	33.6	100	103	2	75-125	20	--
Cobalt	08/28/24 11:49	08/28/24 11:52	5.10	20.0	24.1	24.6	95	98	2	75-125	20	--
Copper	08/28/24 11:49	08/28/24 11:52	0.00	20.0	25.6	26.4	128	132	3	75-125	20	M1,
Lead	08/28/24 11:49	08/28/24 11:52	11.0	20.0	29.8	30.2	94	96	1	75-125	20	--
Molybdenum	08/28/24 11:49	08/28/24 11:52	0.00	20.0	17.8	18.3	89	91	3	75-125	20	--
Nickel	08/28/24 11:49	08/28/24 11:52	4.30	20.0	23.6	24.0	97	98	2	75-125	20	--
Selenium	08/28/24 11:49	08/28/24 11:52	0.00	20.0	18.9	18.0	94	90	5	75-125	20	--
Silver	08/28/24 11:49	08/28/24 11:52	0.00	20.0	19.1	19.8	96	99	4	75-125	20	--
Thallium	08/28/24 11:49	08/28/24 11:52	0.00	20.0	16.7	17.0	84	85	2	75-125	20	--
Vanadium	08/28/24 11:49	08/28/24 11:52	31.0	20.0	50.5	51.8	98	104	3	75-125	20	--
Zinc	08/28/24 11:49	08/28/24 11:52	42.0	20.0	55.6	56.9	68	75	2	75-125	20	M3,

QA/QC Report
for
Metals

Reference #: NAM OCAP1303 Reporting units: ppm

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD) **6010B/7471A**

Laboratory Sample #: JH0827241 **Date of Extraction:** 08/27/24 13:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Antimony	08/28/24 11:31	08/28/24 11:34	--	20.0	20.3	20.4	101	102	0	80-120	20	--
Arsenic	08/28/24 11:31	08/28/24 11:34	--	20.0	19.8	19.9	99	99	1	80-120	20	--
Barium	08/28/24 11:31	08/28/24 11:34	--	20.0	19.8	19.8	99	99	0	80-120	20	--
Beryllium	08/28/24 11:31	08/28/24 11:34	--	20.0	19.0	18.7	95	94	2	80-120	20	--
Cadmium	08/28/24 11:31	08/28/24 11:34	--	20.0	19.0	19.1	95	96	1	80-120	20	--
Chromium	08/28/24 11:31	08/28/24 11:34	--	20.0	20.9	20.7	104	104	1	80-120	20	--
Cobalt	08/28/24 11:31	08/28/24 11:34	--	20.0	21.7	21.5	109	108	1	80-120	20	--
Copper	08/28/24 11:31	08/28/24 11:34	--	20.0	21.1	20.9	106	104	1	80-120	20	--
Lead	08/28/24 11:31	08/28/24 11:34	--	20.0	20.2	20.0	101	100	1	80-120	20	--
Molybdenum	08/28/24 11:31	08/28/24 11:34	--	20.0	20.1	19.9	101	99	1	80-120	20	--
Nickel	08/28/24 11:31	08/28/24 11:34	--	20.0	21.5	21.3	108	106	1	80-120	20	--
Selenium	08/28/24 11:31	08/28/24 11:34	--	20.0	20.0	19.8	100	99	1	80-120	20	--
Silver	08/28/24 11:31	08/28/24 11:34	--	20.0	20.8	20.6	104	103	1	80-120	20	--
Thallium	08/28/24 11:31	08/28/24 11:34	--	20.0	19.4	19.2	97	96	1	80-120	20	--
Vanadium	08/28/24 11:31	08/28/24 11:34	--	20.0	19.9	19.7	99	99	1	80-120	20	--
Zinc	08/28/24 11:31	08/28/24 11:34	--	20.0	22.8	21.0	114	105	8	80-120	20	--

Matrix Spike (MS) / Matrix Spike Duplicate (MSD) **6010B/7471A**

Laboratory Sample #: OCAP1301-21 **Date of Extraction:** 08/27/24 13:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Lead	08/28/24 14:43	08/28/24 14:46	4.80	20.0	20.9	21.7	80	85	4	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD) **6010B/7471A**

Laboratory Sample #: JH0827243 **Date of Extraction:** 08/27/24 13:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Lead	08/28/24 14:31	08/28/24 14:33	--	20.0	19.4	19.9	97	99	3	80-120	20	--

Data Qualifier Definitions

Qualifier

D1 = Sample required dilution due to matrix.

D2 = Sample required dilution due to high concentration of target analyte.

L1 = The associated blank spike recovery was above laboratory acceptance limits.

BL0827241B	8082	PCB-1260	LCS/LCSD

L2 = The associated blank spike recovery was below laboratory acceptance limits.

BL0827241A	8081A	Endrin ketone	LCSD
BL0827241A	8081A	Methoxychlor	LCSD
RC0828241	8260B	1,2-Dibromo-3-chloropropane	LCS/LCSD
RC0828241	8260B	2,2-Dichloropropane	LCS/LCSD
RC0828241	8260B	t-Amyl methyl ether (TAME)	LCS/LCSD
RC0828241	8260B	t-Butanol (TBA)	LCSD
RC0828241	8260B	trans-1,3-Dichloropropene	LCS/LCSD

M1 = Matrix spike recovery was high, the associated blank spike recovery was acceptable.

OCAP1302-01	6010B	Copper	MS/MSD
OCAP1303-017	8082	PCB-1260	MS/MSD

M2 = Matrix spike recovery was low, the associated blank spike recovery was acceptable.

OCAP1302-01	6010B	Antimony	MS/MSD
OCAP1308-01	8260B	t-Amyl methyl ether (TAME)	MS/MSD
OCAP1308-01	8260B	t-Butanol (TBA)	MS/MSD

M3 = The spike recovery value is unusable since the analyte concentration in the sample is disproportionate to spike level. The associated blank spike recovery was acceptable.

OCAP1302-01	6010B	Barium	MS/MSD
OCAP1302-01	6010B	Zinc	MS/MSD

R2 = RPD/RSD exceeded the laboratory acceptance limit.

BL0827241A	8081A	Endosulfan II	LCS/LCSD
BL0827241A	8081A	Endosulfan sulfate	LCS/LCSD
BL0827241A	8081A	Endrin Aldehyde	LCS/LCSD
BL0827241A	8081A	Endrin ketone	LCS/LCSD
BL0827241A	8081A	Methoxychlor	LCS/LCSD
OCAP1303-017	8081A	Endosulfan sulfate	MS/MSD
OCAP1303-017	8081A	Endrin Aldehyde	MS/MSD
OCAP1303-017	8081A	Endrin ketone	MS/MSD
RC0828241	8260B	t-Butanol (TBA)	LCS/LCSD

S1 = Surrogate recovery was above laboratory acceptance limits.

OCAP1303-13	8260B	Dibromofluoromethane
OCAP1303-15	8260B	Dibromofluoromethane
OCAP1303-16	8260B	Dibromofluoromethane, Toluene-d8 and 4-Bromofluorobenzene
OCAP1303-17	8260B	Dibromofluoromethane

S5 = Surrogate recovery was below laboratory acceptance limits.

S8 = The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The associated blank spike recovery was acceptable.

Definition of terms:

R	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: {(MS-R1) / SP CONC} x100
%MSD	Percent recovery of MSD: {(MSD-R1) / SP CONC} x 100
RPD (for MS/MSD)	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: {(LCS) / SP CONC} x100
%LCSD	Percent recovery of LCSD: {(LCSD) / SP CONC} x 100
RPD (for LCS/LCSD)	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

Analysis Request & Chain of Custody Record

ORANGE COAST ANALYTICAL, INC.
An Alliance Technical Group Company
www.ocalab.com

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Tustin, CA 92780
CA Phone: (714) 832-0064

4620 East Elwood Street, Suite 4
Phoenix, AZ 85040
AZ Phone: (480) 736-0960

Lab Job No.: OCAP1303 Page: 1 of 2

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo and Moore	Project Name:	
Send Report To:	echavez@ninyoandmoore.com	Project Number:	212797001
Email:		PO #:	
Address:	475 Goddard, Suite 200, Irvine, CA 92618	Address (City / State):	561 The City Dr S
		EDD Required:	Scribe EDD
Phone:	Fax:	Sampled By:	SML

	Customer Sample IDs	No. of Containers	Sample Date	Sample Time	Sample Matrix	Container Type	Lead total by EPA 6010B	Title 22 Metals by EPA 6010B/7471A	TPH-gasoline, diesel, motor-oil by 8015B	VOCs by EPA 8260B/5035	OCPs by EPA 8081A	PAHs by EPA 8270SIM	PCBs by EPA 8082	REMARKS / INSTRUCTIONS
1	B-7-0.5	1	8/26/24	0900	Soil	8oz Jar	X							
2	B-7-1	1	8/26/24	0902			X							
3	B-7-2	1	8/26/24	0904			X							
4	B-7-3	1	8/26/24	0906			X							
5	B-7-4	1	8/26/24	0908			X							
6	B-7-5	1	8/26/24	0910			X							
7	B-8-0.5	1	8/26/24	1035	Soil	8oz Jar	X							
8	B-8-1	1		1039			X							
9	B-8-2	1		1045			X							
10	~~B-8-3~~ B-8-3	1		1115			X							
11	B-8-4	1		1130			X							
12	B-8-5	1		1145			X							
13	B-6-5	1+4	8/26/24	1350	Soil	6" sleeve 5035 Kit		X	X	X	X	X	X	
14	B-6-10	1+4	8/26/24	1355	Soil	6" sleeve 5035 Kit		X	X	X	X	X	X	

REQUESTED TURN-AROUND-TIME
Standard: X
3 Day:
2 Day:
1 Day:

No. of Samples: 14 Method of Shipment:

Preservative: (1 = Ice) 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By:	Date: 8/26/24 Time: 1545	Received By:	Date: Time:
Company: Ninyo & Moore		Company:	
Relinquished By:	Date: Time:	Received By:	Date: Time:
Company:		Company:	
Relinquished By:	Date: Time:	Received For OCA By:	Date: 8/26/24 Time: 1545
Company:		Company: OCACA	

Sample Matrix: GW - Groundwater; WW - Wastewater; SW - Stormwater; DW - Drinking Water; AQ - Aqueous; SS - Soil / Solid; OT - Other

Sample Integrity: On Ice (Yes) / No
Therm. ID: IR#3 Observed Temp.: 5 °C
Correction Factor: 0 °C
Intact: (Yes) / No Temperature: 05 °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, by Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup samples upon completion of all analyses.

Analysis Request & Chain of Custody Record

ORANGE COAST ANALYTICAL, INC.
An Alliance Technical Group Company
www.ocalab.com

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CA Phone: (714) 832-0064

4620 East Elwood Street, Suite 4
Phoenix, AZ 85040
AZ Phone: (480) 736-0960

Lab Job No.: _____ Page: 2 of 2

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo and Moore	Project Name:	
Send Report To:	echavez@ninyoandmoore	Project Number:	212497001
Email:		PO #:	
Address:	475 Goddard, Suite 200, Irvine, CA 92618	Address (City / State):	561 The City Dr S.
Phone:	949-753-7070 Fax:	EDD Required:	Scribe EDD
		Sampled By:	SML

	Customer Sample IDs	No. of Containers	Sample Date	Sample Time	Sample Matrix	Container Type	Lead Total by EPA 6010B	THs, 22 Metals by EPA 6010B/7471A	TPH-g,d,mo by EPA 8015B/5035	VOCs by EPA 8260B/5035	OCPs by EPA 8081A	PAHs by EPA 8270D SIM	PCBs by EPA 8082				REMARKS / INSTRUCTIONS
15	B-6-15	1+1	8/26/24	1357	Soil	6" sleeve 5035 kit		X	X	X	X	X	X				
16	B-6-20	1+1	8/26/24	1359	↓	↓		X	X	X	X	X	X				
17	B-6-25	1+1	8/26/24	1402	↓	↓		X	X	X	X	X	X				

ANALYSIS REQUEST / PRESERVATION

REQUESTED TURN-AROUND-TIME

Standard: X
3 Day: _____
2 Day: _____
1 Day: _____

No. of Samples: 3 Method of Shipment:

Preservative: (1 = Ice) 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By: [signature]	Date: 8/26/24 Time: 1545	Received By:	Date: Time:
Company: Ninyo & Moore		Company:	
Relinquished By:	Date: Time:	Received By:	Date: Time:
Company:		Company:	
Relinquished By:	Date: Time:	Received For OCA By: [signature]	Date: 8/26/24 Time: 1545
Company:		Company: OCAA	

Sample Matrix:
GW - Groundwater
WW - Wastewater
SW - Stormwater
DW - Drinking Water
AQ - Aqueous
SS - Soil / Solid
OT - Other

Sample Integrity: On Ice: (Yes) / No
Therm. ID: IR#3 Observed Temp.: 5 °C
Correction Factor: 0 °C
Intact: (Yes) / No Temperature: 5 °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, by Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup samples upon completion of all analyses.

Sample Receipt Report

Laboratory Reference: NAM OCAP1303 Logged in by: AV

Received:	08/26/24 15:45	Company Name:	Ninyo & Moore
Method of Shipment:	Hand Delivered	Project Manager:	Mr. Dennis Fee
Shipping Container:	Cooler	Project Name:	
# Shipping Containers:	1	Project #:	212797001

Sample Quantity
17 Soil

Chain of Custody		Complete ☑	Incomplete ☐	None ☐
Samples On Ice		Yes, Wet ☑	Yes, Blue ☐	No ☐
Observed Temp. (°C):	5	Thermometer ID:	Adjusted Temp.:	5
Shipping Intact		Yes ☑	N/A ☐	No ☐
Shipping Custody Seals Intact		Yes ☐	N/A ☑	No ☐
Samples Intact		Yes ☑		No ☐
Sample Custody Seals Intact		Yes ☐	N/A ☑	No ☐
Custody Seals Signed & Dated		Yes ☐	N/A ☑	No ☐
Proper Test Containers		Yes ☑		No ☐
Proper Test Preservations		Yes ☑		No ☐
Samples Within Hold Times		Yes ☑		No ☐
VOAs Have Zero Headspace		Yes ☐	N/A ☑	No ☐
Sample Labels		Complete ☑	Incomplete ☐	None ☐
Sample Information Matches COC		Yes ☑	N/A ☐	No ☐

Notes

IR# 3

Client Notified _____ By _____ On _____

Orange Coast Analytical, Inc.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576
Expiration Date: 2025
Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:
Chris Tisserat

Client:	Ninyo & Moore
Laboratory Reference:	NAM OCAP1305
Project Name:	212797001
Project Number:	
Date Received:	8/27/2024
Date Reported:	11/13/2024
Chain of Custody Received:	☑
Analytical Method:	8015B, 8081A, 8082, 8260B, 8270C, 6010B, 7471A,

Chris Tisserat, Laboratory Director

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Mr. Dennis Fee
Ninyo & Moore
475 Goddard Ste 200
Irvine, CA, 92618

Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 5ºC, on ice.

IR# 3

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

Rev.1.1: Thallium reported to MDL.

Mr. Dennis Fee
Ninyo & Moore
475 Goddard Ste 200
Irvine, CA, 92618

Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-4--5	OCAP1305-01	8/27/2024	8/27/2024	Soil
B-4-10	OCAP1305-02	8/27/2024	8/27/2024	Soil
B-4-15	OCAP1305-03	8/27/2024	8/27/2024	Soil
B-4-20	OCAP1305-04	8/27/2024	8/27/2024	Soil
B-4-25	OCAP1305-05	8/27/2024	8/27/2024	Soil

Mr. Dennis Fee
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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBAR0828241			8/28/2024 10:07	8/28/2024 12:47	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	100
		* Acc Recovery:	40-160 %

Dilution Factor: 1
Data Qualifiers: None

Method Blank	MBAR0828241			8/28/2024 10:07	8/28/2024 12:47	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<50	Octacosane	100
		* Acc Recovery:	40-160 %

Dilution Factor: 1
Data Qualifiers: None

B-4--5	OCAP1305-01	8/27/2024 13:15	8/27/2024 7:55	8/28/2024 10:07	8/28/2024 16:58	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	103
		* Acc Recovery:	40-160 %

Dilution Factor: 1
Data Qualifiers: None

B-4--5	OCAP1305-01	8/27/2024 13:15	8/27/2024 7:55	8/28/2024 10:07	8/28/2024 16:58	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<50	Octacosane	103
		* Acc Recovery:	40-160 %

Dilution Factor: 1
Data Qualifiers: None

B-4-10	OCAP1305-02	8/27/2024 13:15	8/27/2024 8:00	8/28/2024 10:07	8/28/2024 17:40	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	660	Octacosane	155
		* Acc Recovery:	40-160 %

Dilution Factor: 10
Data Qualifiers: D1,

Mr. Dennis Fee
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Irvine, CA, 92618

Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-10	OCAP1305-02	8/27/2024 13:15	8/27/2024 8:00	8/28/2024 10:07	8/28/2024 17:40	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	4100	Octacosane	155
		* Acc Recovery:	40-160 %

Dilution Factor: 10
Data Qualifiers: D1,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-15	OCAP1305-03	8/27/2024 13:15	8/27/2024 8:03	8/28/2024 10:07	8/28/2024 18:24	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	430	Octacosane	131
		* Acc Recovery:	40-160 %

Dilution Factor: 8
Data Qualifiers: D1,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-15	OCAP1305-03	8/27/2024 13:15	8/27/2024 8:03	8/28/2024 10:07	8/28/2024 18:24	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	2400	Octacosane	131
		* Acc Recovery:	40-160 %

Dilution Factor: 8
Data Qualifiers: D1,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-20	OCAP1305-04	8/27/2024 13:15	8/27/2024 8:06	8/28/2024 10:07	8/28/2024 19:06	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	105
		* Acc Recovery:	40-160 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-20	OCAP1305-04	8/27/2024 13:15	8/27/2024 8:06	8/28/2024 10:07	8/28/2024 19:06	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<50	Octacosane	105
		* Acc Recovery:	40-160 %

Dilution Factor: 1
Data Qualifiers: None

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Extractable Fuel Hydrocarbons (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-25	OCAP1305-05	8/27/2024 13:15	8/27/2024 8:09	8/28/2024 10:07	8/28/2024 19:48	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
DROs	<10	Octacosane	92

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-160 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-25	OCAP1305-05	8/27/2024 13:15	8/27/2024 8:09	8/28/2024 10:07	8/28/2024 19:48	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
MROs	<50	Octacosane	92

Dilution Factor: 1
Data Qualifiers: None

* Acc Recovery: 40-160 %

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBKBH0828241			8/28/2024 9:11	8/28/2024 9:40	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	92

Dilution Factor: 1
Data Qualifiers: None
* Acceptable Recovery: 32-156 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4--5	OCAP1305-01	8/27/2024 13:15	8/27/2024 7:55	8/27/2024 7:55	8/28/2024 14:39	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	79

Dilution Factor: 1
Data Qualifiers: None
* Acceptable Recovery: 32-156 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-10	OCAP1305-02	8/27/2024 13:15	8/27/2024 8:00	8/27/2024 8:00	8/28/2024 14:58	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	77

Dilution Factor: 1
Data Qualifiers: None
* Acceptable Recovery: 32-156 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-15	OCAP1305-03	8/27/2024 13:15	8/27/2024 8:03	8/27/2024 8:03	8/28/2024 15:18	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	76

Dilution Factor: 1
Data Qualifiers: None
* Acceptable Recovery: 32-156 %

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-20	OCAP1305-04	8/27/2024 13:15	8/27/2024 8:06	8/27/2024 8:06	8/28/2024 15:38	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	78

Dilution Factor: 1
Data Qualifiers: None
* Acceptable Recovery: 32-156 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

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Ninyo & Moore
475 Goddard Ste 200
Irvine, CA, 92618

Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Gasoline Range Organics - GROs (EPA 8015B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-25	OCAP1305-05	8/27/2024 13:15	8/27/2024 8:09	8/27/2024 8:09	8/28/2024 15:57	Soil

ANALYTE	mg/kg	Surrogate:	% RC*
GROs[1]	<0.20	α-α-α-Trifluorotoluene	77

Dilution Factor: 1
Data Qualifiers: None

* Acceptable Recovery: 32-156 %

Gasoline Range Organics (GROs) are quantitated against a gasoline standard.

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBBL0827241			8/27/2024 17:30	8/28/2024 15:04	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2.0
alpha-BHC	319-84-6	<5.0
beta-BHC	319-85-7	<5.0
gamma-BHC (Lindane)	58-89-9	<5.0
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5.0
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2.0
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5.0
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5.0
Heptachlor	76-44-8	<2.0
Heptachlor epoxide	1024-57-3	<5.0
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	82

* Acceptable Recovery: 33-139 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4--5	OCAP1305-01	8/27/2024 13:15	8/27/2024 7:55	8/27/2024 17:30	9/4/2024 15:25	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<16
alpha-BHC	319-84-6	<40
beta-BHC	319-85-7	<40
gamma-BHC (Lindane)	58-89-9	<40
delta-BHC	319-86-8	<80
Chlordane	57-74-9	<240
4,4'-DDD	72-54-8	<80
4,4'-DDE	72-55-9	<40
4,4'-DDT	50-29-3	<80
Dieldrin	60-57-1	<16
Endosulfan I	959-98-8	<80
Endosulfan II	33213-65-9	<40
Endosulfan sulfate	1031-07-8	<80
Endrin	72-20-8	<80
Endrin aldehyde	7421-93-4	<80
Endrin ketone	53494-70-5	<40
Heptachlor	76-44-8	<16
Heptachlor epoxide	1024-57-3	<40
Methoxychlor	72-43-5	<80
Toxaphene	8001-35-2	<320

Surrogate:	% RC*
Decachlorobiphenyl	42

* Acceptable Recovery: 33-139 %

Dilution Factor: 8

Data Qualifiers: D1,

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-10	OCAP1305-02	8/27/2024 13:15	8/27/2024 8:00	8/27/2024 17:30	9/4/2024 15:39	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<32
alpha-BHC	319-84-6	<80
beta-BHC	319-85-7	<80
gamma-BHC (Lindane)	58-89-9	<80
delta-BHC	319-86-8	<160
Chlordane	57-74-9	<480
4,4'-DDD	72-54-8	<160
4,4'-DDE	72-55-9	<80
4,4'-DDT	50-29-3	<160
Dieldrin	60-57-1	<32
Endosulfan I	959-98-8	<160
Endosulfan II	33213-65-9	<80
Endosulfan sulfate	1031-07-8	<160
Endrin	72-20-8	<160
Endrin aldehyde	7421-93-4	<160
Endrin ketone	53494-70-5	<80
Heptachlor	76-44-8	<32
Heptachlor epoxide	1024-57-3	<80
Methoxychlor	72-43-5	<160
Toxaphene	8001-35-2	<640

Surrogate:	% RC*
Decachlorobiphenyl	88

* Acceptable Recovery: 33-139 %

Dilution Factor: 16

Data Qualifiers: D1,

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-15	OCAP1305-03	8/27/2024 13:15	8/27/2024 8:03	8/27/2024 17:30	9/4/2024 15:54	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<16
alpha-BHC	319-84-6	<40
beta-BHC	319-85-7	<40
gamma-BHC (Lindane)	58-89-9	<40
delta-BHC	319-86-8	<80
Chlordane	57-74-9	<240
4,4'-DDD	72-54-8	<80
4,4'-DDE	72-55-9	<40
4,4'-DDT	50-29-3	<80
Dieldrin	60-57-1	<16
Endosulfan I	959-98-8	<80
Endosulfan II	33213-65-9	<40
Endosulfan sulfate	1031-07-8	<80
Endrin	72-20-8	<80
Endrin aldehyde	7421-93-4	<80
Endrin ketone	53494-70-5	<40
Heptachlor	76-44-8	<16
Heptachlor epoxide	1024-57-3	<40
Methoxychlor	72-43-5	<80
Toxaphene	8001-35-2	<320

Surrogate:	% RC*
Decachlorobiphenyl	83

* Acceptable Recovery: 33-139 %

Dilution Factor: 8

Data Qualifiers: D1,

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-20	OCAP1305-04	8/27/2024 13:15	8/27/2024 8:06	8/27/2024 17:30	9/4/2024 16:08	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2.0
alpha-BHC	319-84-6	<5.0
beta-BHC	319-85-7	<5.0
gamma-BHC (Lindane)	58-89-9	<5.0
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5.0
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2.0
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5.0
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5.0
Heptachlor	76-44-8	<2.0
Heptachlor epoxide	1024-57-3	<5.0
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	52

* Acceptable Recovery: 33-139 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Organochlorine Pesticides (EPA 8081A)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-25	OCAP1305-05	8/27/2024 13:15	8/27/2024 8:09	8/27/2024 17:30	9/4/2024 16:23	Soil

ANALYTE	CAS #	µg/kg
Aldrin	309-00-2	<2.0
alpha-BHC	319-84-6	<5.0
beta-BHC	319-85-7	<5.0
gamma-BHC (Lindane)	58-89-9	<5.0
delta-BHC	319-86-8	<10
Chlordane	57-74-9	<30
4,4'-DDD	72-54-8	<10
4,4'-DDE	72-55-9	<5.0
4,4'-DDT	50-29-3	<10
Dieldrin	60-57-1	<2.0
Endosulfan I	959-98-8	<10
Endosulfan II	33213-65-9	<5.0
Endosulfan sulfate	1031-07-8	<10
Endrin	72-20-8	<10
Endrin aldehyde	7421-93-4	<10
Endrin ketone	53494-70-5	<5.0
Heptachlor	76-44-8	<2.0
Heptachlor epoxide	1024-57-3	<5.0
Methoxychlor	72-43-5	<10
Toxaphene	8001-35-2	<40

Surrogate:	% RC*
Decachlorobiphenyl	55

* Acceptable Recovery: 33-139 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Polychlorinated Biphenyl's (EPA 8082)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBBL0827241			8/27/2024 17:30	8/29/2024 11:26	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate: % RC*
Decachlorobiphenyl 92
* Acceptable Recovery: 33-139 %
Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4--5	OCAP1305-01	8/27/2024 13:15	8/27/2024 7:55	8/27/2024 17:30	9/4/2024 15:25	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<200
PCB-1221	11104-28-2	<200
PCB-1232	11141-16-5	<200
PCB-1242	53469-21-9	<200
PCB-1248	12672-29-6	<200
PCB-1254	11097-69-1	<200
PCB-1260	11096-82-5	<200

Surrogate: % RC*
Decachlorobiphenyl 41
* Acceptable Recovery: 33-139 %
Dilution Factor: 8
Data Qualifiers: D1,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-10	OCAP1305-02	8/27/2024 13:15	8/27/2024 8:00	8/27/2024 17:30	9/4/2024 15:39	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<400
PCB-1221	11104-28-2	<400
PCB-1232	11141-16-5	<400
PCB-1242	53469-21-9	<400
PCB-1248	12672-29-6	<400
PCB-1254	11097-69-1	<400
PCB-1260	11096-82-5	<400

Surrogate: % RC*
Decachlorobiphenyl 88
* Acceptable Recovery: 33-139 %
Dilution Factor: 16
Data Qualifiers: D1,

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Polychlorinated Biphenyl's (EPA 8082)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-15	OCAP1305-03	8/27/2024 13:15	8/27/2024 8:03	8/27/2024 17:30	9/4/2024 15:54	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<200
PCB-1221	11104-28-2	<200
PCB-1232	11141-16-5	<200
PCB-1242	53469-21-9	<200
PCB-1248	12672-29-6	<200
PCB-1254	11097-69-1	<200
PCB-1260	11096-82-5	<200

Surrogate:	% RC*
Decachlorobiphenyl	83

* Acceptable Recovery: 33-139 %

Dilution Factor: 8
Data Qualifiers: D1,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-20	OCAP1305-04	8/27/2024 13:15	8/27/2024 8:06	8/27/2024 17:30	9/4/2024 16:08	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	51

* Acceptable Recovery: 33-139 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-25	OCAP1305-05	8/27/2024 13:15	8/27/2024 8:09	8/27/2024 17:30	9/4/2024 16:23	Soil

ANALYTE	CAS #	µg/kg
PCB-1016	12674-11-2	<25
PCB-1221	11104-28-2	<25
PCB-1232	11141-16-5	<25
PCB-1242	53469-21-9	<25
PCB-1248	12672-29-6	<25
PCB-1254	11097-69-1	<25
PCB-1260	11096-82-5	<25

Surrogate:	% RC*
Decachlorobiphenyl	55

* Acceptable Recovery: 33-139 %

Dilution Factor: 1
Data Qualifiers: None

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBRC0828241			8/28/2024 9:36	8/28/2024 11:51	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	cis-1,3-Dichloropropene	10061-01-5	<2.5
Benzene	71-43-2	<2.0	trans-1,3-Dichloropropene	10061-02-6	<2.5
Bromobenzene	108-86-1	<2.5	Diisopropyl ether (DIPE)	108-20-3	<10
Bromochloromethane	74-97-5	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromodichloromethane	75-27-4	<2.5	Ethylbenzene	100-41-4	<2.5
Bromoform	75-25-2	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromomethane	74-83-9	<10	Isopropylbenzene	98-82-8	<2.5
2-Butanone (MEK)	78-93-3	<50	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	114	55-139 %
Toluene-d8:	98	45-144 %
4-Bromofluorobenzene:	88	54-136 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4--5	OCAP1305-01	8/27/2024 13:15	8/27/2024 7:55	8/27/2024 7:55	8/28/2024 17:11	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	cis-1,3-Dichloropropene	10061-01-5	<2.5
Benzene	71-43-2	<2.0	trans-1,3-Dichloropropene	10061-02-6	<2.5
Bromobenzene	108-86-1	<2.5	Diisopropyl ether (DIPE)	108-20-3	<10
Bromochloromethane	74-97-5	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromodichloromethane	75-27-4	<2.5	Ethylbenzene	100-41-4	<2.5
Bromoform	75-25-2	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromomethane	74-83-9	<10	Isopropylbenzene	98-82-8	<2.5
2-Butanone (MEK)	78-93-3	<50	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	112	55-139 %
Toluene-d8:	74	45-144 %
4-Bromofluorobenzene:	75	54-136 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-10	OCAP1305-02	8/27/2024 13:15	8/27/2024 8:00	8/27/2024 8:00	8/28/2024 17:31	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	cis-1,3-Dichloropropene	10061-01-5	<2.5
Benzene	71-43-2	<2.0	trans-1,3-Dichloropropene	10061-02-6	<2.5
Bromobenzene	108-86-1	<2.5	Diisopropyl ether (DIPE)	108-20-3	<10
Bromochloromethane	74-97-5	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromodichloromethane	75-27-4	<2.5	Ethylbenzene	100-41-4	<2.5
Bromoform	75-25-2	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromomethane	74-83-9	<10	Isopropylbenzene	98-82-8	<2.5
2-Butanone (MEK)	78-93-3	<50	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	116	55-139 %
Toluene-d8:	83	45-144 %
4-Bromofluorobenzene:	77	54-136 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-15	OCAP1305-03	8/27/2024 13:15	8/27/2024 8:03	8/27/2024 8:03	8/28/2024 17:51	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	cis-1,3-Dichloropropene	10061-01-5	<2.5
Benzene	71-43-2	<2.0	trans-1,3-Dichloropropene	10061-02-6	<2.5
Bromobenzene	108-86-1	<2.5	Diisopropyl ether (DIPE)	108-20-3	<10
Bromochloromethane	74-97-5	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromodichloromethane	75-27-4	<2.5	Ethylbenzene	100-41-4	<2.5
Bromoform	75-25-2	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromomethane	74-83-9	<10	Isopropylbenzene	98-82-8	<2.5
2-Butanone (MEK)	78-93-3	<50	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	124	55-139 %
Toluene-d8:	95	45-144 %
4-Bromofluorobenzene:	85	54-136 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-20	OCAP1305-04	8/27/2024 13:15	8/27/2024 8:06	8/27/2024 8:06	8/28/2024 18:11	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	cis-1,3-Dichloropropene	10061-01-5	<2.5
Benzene	71-43-2	<2.0	trans-1,3-Dichloropropene	10061-02-6	<2.5
Bromobenzene	108-86-1	<2.5	Diisopropyl ether (DIPE)	108-20-3	<10
Bromochloromethane	74-97-5	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromodichloromethane	75-27-4	<2.5	Ethylbenzene	100-41-4	<2.5
Bromoform	75-25-2	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromomethane	74-83-9	<10	Isopropylbenzene	98-82-8	<2.5
2-Butanone (MEK)	78-93-3	<50	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	133	55-139 %
Toluene-d8:	100	45-144 %
4-Bromofluorobenzene:	95	54-136 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Volatile Organics by GC/MS (EPA 8260B)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-25	OCAP1305-05	8/27/2024 13:15	8/27/2024 8:09	8/27/2024 8:09	8/28/2024 18:31	Soil

ANALYTE	CAS #	µg/kg	ANALYTE	CAS #	µg/kg
t-Amyl methyl ether (TAME)	994-05-8	<10	cis-1,3-Dichloropropene	10061-01-5	<2.5
Benzene	71-43-2	<2.0	trans-1,3-Dichloropropene	10061-02-6	<2.5
Bromobenzene	108-86-1	<2.5	Diisopropyl ether (DIPE)	108-20-3	<10
Bromochloromethane	74-97-5	<2.5	Ethyl t-butyl ether (ETBE)	637-92-3	<10
Bromodichloromethane	75-27-4	<2.5	Ethylbenzene	100-41-4	<2.5
Bromoform	75-25-2	<2.5	Hexachlorobutadiene	87-68-3	<5.0
Bromomethane	74-83-9	<10	Isopropylbenzene	98-82-8	<2.5
2-Butanone (MEK)	78-93-3	<50	4-Isopropyltoluene	99-87-6	<2.5
tert-Butyl alcohol (TBA)	75-65-0	<50	Methyl t-butyl ether (MTBE)	1634-04-4	<5.0
n-Butylbenzene	104-51-8	<2.5	Methylene chloride	75-09-2	<10
sec-Butylbenzene	135-98-8	<2.5	Naphthalene	91-20-3	<2.5
tert-Butylbenzene	98-06-6	<2.5	n-Propylbenzene	103-65-1	<2.5
Carbon tetrachloride	56-23-5	<2.5	Styrene	100-42-5	<2.5
Chlorobenzene	108-90-7	<2.5	1,1,1,2-Tetrachloroethane	630-20-6	<2.5
Chloroethane	75-00-3	<5.0	1,1,2,2-Tetrachloroethane	79-34-5	<2.5
Chloroform	67-66-3	<2.5	Tetrachloroethene	127-18-4	<2.5
Chloromethane	74-87-3	<5.0	Toluene	108-88-3	<2.5
2-Chlorotoluene	95-49-8	<2.5	1,2,3-Trichlorobenzene	87-61-6	<2.5
4-Chlorotoluene	106-43-4	<2.5	1,2,4-Trichlorobenzene	120-82-1	<2.5
Dibromochloromethane	124-48-1	<2.5	1,1,1-Trichloroethane	71-55-6	<2.5
1,2-Dibromo-3-chloropropane	96-12-8	<5.0	1,1,2-Trichloroethane	79-00-5	<2.5
1,2-Dibromoethane	106-93-4	<2.5	Trichloroethene	79-01-6	<2.5
Dibromomethane	74-95-3	<2.5	Trichlorofluoromethane	75-69-4	<5.0
1,2-Dichlorobenzene	95-50-1	<2.5	1,2,3-Trichloropropane	96-18-4	<2.5
1,3-Dichlorobenzene	541-73-1	<2.5	1,2,4-Trimethylbenzene	95-63-6	<2.5
1,4-Dichlorobenzene	106-46-7	<2.5	1,3,5-Trimethylbenzene	108-67-8	<2.5
Dichlorodifluoromethane	75-71-8	<2.5	Vinyl Chloride	75-01-4	<2.5
1,1-Dichloroethane	75-34-3	<2.5	m- & p-Xylenes	179601-23-1	<5.0
1,2-Dichloroethane	107-06-2	<2.5	o-Xylene	95-47-6	<2.5
1,1-Dichloroethene	75-35-4	<2.5			
cis-1,2-Dichloroethene	156-59-2	<2.5			
trans-1,2-Dichloroethene	156-60-5	<2.5			
1,2-Dichloropropane	78-87-5	<2.5			
1,3-Dichloropropane	142-28-9	<2.5			
2,2-Dichloropropane	594-20-7	<2.5			
1,1-Dichloropropene	563-58-6	<2.5			

Surrogate:	% RC	Acceptable % RC
Dibromofluoromethane:	120	55-139 %
Toluene-d8:	86	45-144 %
4-Bromofluorobenzene:	87	54-136 %

Dilution Factor: 1

Data Qualifiers: None

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Polynuclear Aromatic Hydrocarbons by SIM (EPA 8270C)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
Method Blank	MBPM0828241			8/28/2024 14:53	8/28/2024 18:57	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<5.0
Acenaphthylene:	208-96-8	<5.0
Anthracene:	120-12-7	<5.0
Benz(a)anthracene:	56-55-3	<5.0
Benzo(a)pyrene:	50-32-8	<5.0
Benzo(b)fluoranthene:	205-99-2	<5.0
Benzo(k)fluoranthene:	207-08-9	<5.0
Benzo(g,h,i)perylene:	191-24-2	<5.0
Chrysene:	218-01-9	<5.0
Dibenz(a,h)anthracene:	53-70-3	<6.0
Fluoranthene:	206-44-0	<6.5
Pyrene:	129-00-0	<6.5
Fluorene:	86-73-7	<5.0
Phenanthrene:	85-01-8	<5.0
Indeno(1,2,3-cd)pyrene:	193-39-5	<5.0
Naphthalene:	91-20-3	<5.0

Surrogate: % RC*
Nitrobenzene-d5 86

* Acceptable Recovery: 27-134 %

Dilution Factor: 1
Data Qualifiers: None

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4--5	OCAP1305-01	8/27/2024 13:15	8/27/2024 7:55	8/28/2024 14:53	8/29/2024 15:56	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<250
Acenaphthylene:	208-96-8	<250
Anthracene:	120-12-7	<250
Benz(a)anthracene:	56-55-3	<250
Benzo(a)pyrene:	50-32-8	<250
Benzo(b)fluoranthene:	205-99-2	<250
Benzo(k)fluoranthene:	207-08-9	<250
Benzo(g,h,i)perylene:	191-24-2	<250
Chrysene:	218-01-9	<250
Dibenz(a,h)anthracene:	53-70-3	<300
Fluoranthene:	206-44-0	<330
Pyrene:	129-00-0	<330
Fluorene:	86-73-7	<250
Phenanthrene:	85-01-8	<250
Indeno(1,2,3-cd)pyrene:	193-39-5	<250
Naphthalene:	91-20-3	<250

Surrogate: % RC*
Nitrobenzene-d5 Diluted

* Acceptable Recovery: 27-134 %

Dilution Factor: 50
Data Qualifiers: D1, S8,

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Polynuclear Aromatic Hydrocarbons by SIM (EPA 8270C)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-10	OCAP1305-02	8/27/2024 13:15	8/27/2024 8:00	8/28/2024 14:53	8/29/2024 16:27	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<500
Acenaphthylene:	208-96-8	<500
Anthracene:	120-12-7	<500
Benz(a)anthracene:	56-55-3	<500
Benzo(a)pyrene:	50-32-8	<500
Benzo(b)fluoranthene:	205-99-2	<500
Benzo(k)fluoranthene:	207-08-9	<500
Benzo(g,h,i)perylene:	191-24-2	<500
Chrysene:	218-01-9	<500
Dibenz(a,h)anthracene:	53-70-3	<600
Fluoranthene:	206-44-0	<650
Pyrene:	129-00-0	<650
Fluorene:	86-73-7	<500
Phenanthrene:	85-01-8	<500
Indeno(1,2,3-cd)pyrene:	193-39-5	<500
Naphthalene:	91-20-3	<500

Surrogate:	% RC*
Nitrobenzene-d5	Diluted

* Acceptable Recovery: 27-134 %

Dilution Factor: 100
Data Qualifiers: D1, S8,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-15	OCAP1305-03	8/27/2024 13:15	8/27/2024 8:03	8/28/2024 14:53	8/29/2024 16:59	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<500
Acenaphthylene:	208-96-8	<500
Anthracene:	120-12-7	<500
Benz(a)anthracene:	56-55-3	<500
Benzo(a)pyrene:	50-32-8	<500
Benzo(b)fluoranthene:	205-99-2	<500
Benzo(k)fluoranthene:	207-08-9	<500
Benzo(g,h,i)perylene:	191-24-2	<500
Chrysene:	218-01-9	<500
Dibenz(a,h)anthracene:	53-70-3	<600
Fluoranthene:	206-44-0	<650
Pyrene:	129-00-0	<650
Fluorene:	86-73-7	<500
Phenanthrene:	85-01-8	<500
Indeno(1,2,3-cd)pyrene:	193-39-5	<500
Naphthalene:	91-20-3	<500

Surrogate:	% RC*
Nitrobenzene-d5	Diluted

* Acceptable Recovery: 27-134 %

Dilution Factor: 100
Data Qualifiers: D1, S8,

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Polynuclear Aromatic Hydrocarbons by SIM (EPA 8270C)

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-20	OCAP1305-04	8/27/2024 13:15	8/27/2024 8:06	8/28/2024 14:53	8/29/2024 17:30	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<25
Acenaphthylene:	208-96-8	<25
Anthracene:	120-12-7	<25
Benz(a)anthracene:	56-55-3	<25
Benzo(a)pyrene:	50-32-8	<25
Benzo(b)fluoranthene:	205-99-2	<25
Benzo(k)fluoranthene:	207-08-9	<25
Benzo(g,h,i)perylene:	191-24-2	<25
Chrysene:	218-01-9	<25
Dibenz(a,h)anthracene:	53-70-3	<30
Fluoranthene:	206-44-0	<33
Pyrene:	129-00-0	<33
Fluorene:	86-73-7	<25
Phenanthrene:	85-01-8	<25
Indeno(1,2,3-cd)pyrene:	193-39-5	<25
Naphthalene:	91-20-3	<25

Surrogate:	% RC*
Nitrobenzene-d5	95

* Acceptable Recovery: 27-134 %

Dilution Factor: 5
Data Qualifiers: D1,

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Date Extracted	Date Analyzed	Matrix
B-4-25	OCAP1305-05	8/27/2024 13:15	8/27/2024 8:09	8/28/2024 14:53	8/29/2024 18:01	Soil

ANALYTE	CAS #	µg/kg
Acenaphthene:	83-32-9	<25
Acenaphthylene:	208-96-8	<25
Anthracene:	120-12-7	<25
Benz(a)anthracene:	56-55-3	<25
Benzo(a)pyrene:	50-32-8	<25
Benzo(b)fluoranthene:	205-99-2	<25
Benzo(k)fluoranthene:	207-08-9	<25
Benzo(g,h,i)perylene:	191-24-2	<25
Chrysene:	218-01-9	<25
Dibenz(a,h)anthracene:	53-70-3	<30
Fluoranthene:	206-44-0	<33
Pyrene:	129-00-0	<33
Fluorene:	86-73-7	<25
Phenanthrene:	85-01-8	<25
Indeno(1,2,3-cd)pyrene:	193-39-5	<25
Naphthalene:	91-20-3	<25

Surrogate:	% RC*
Nitrobenzene-d5	107

* Acceptable Recovery: 27-134 %

Dilution Factor: 5
Data Qualifiers: D1,

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
Method Blank				Soil

MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBJH0828243	Antimony	6010B	<2.0	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBJH0828243	Arsenic	6010B	<2.0	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBJH0828243	Barium	6010B	<1.0	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBJH0828243	Beryllium	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBJH0828243	Cadmium	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBJH0828243	Chromium	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBJH0828243	Cobalt	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBJH0828243	Copper	6010B	<5.0	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBJH0828243	Lead	6010B	<0.80	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBAU0829242	Mercury	7471A	<0.10	mg/kg	08/29/24 16:30	08/30/24 10:19	--	1
MBJH0828243	Molybdenum	6010B	<1.0	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBJH0828243	Nickel	6010B	<1.0	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBJH0828243	Selenium	6010B	<4.8	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBJH0828243	Silver	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBJH0828243	Thallium	6010B	<2.0	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBJH0828243	Vanadium	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1
MBJH0828243	Zinc	6010B	<5.0	mg/kg	08/28/24 13:00	08/29/24 12:30	--	1

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-4--5	OCAP1305-01	8/27/2024 13:15	8/27/2024 7:55	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Arsenic	6010B	4.3	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Barium	6010B	42	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Cadmium	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Chromium	6010B	11	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Cobalt	6010B	6.2	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Copper	6010B	8.1	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Lead	6010B	11	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Mercury	7471A	<0.10	mg/kg	08/29/24 16:30	08/30/24 10:42	--	1
Molybdenum	6010B	<1.0	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Nickel	6010B	7.0	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Selenium	6010B	<4.8	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Silver	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Thallium	6010B	<0.41	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Vanadium	6010B	25	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1
Zinc	6010B	36	mg/kg	08/28/24 13:00	08/29/24 12:14	--	1

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-4-10	OCAP1305-02	8/27/2024 13:15	8/27/2024 8:00	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Arsenic	6010B	50	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Barium	6010B	64	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Cadmium	6010B	1.8	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Chromium	6010B	11	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Cobalt	6010B	5.4	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Copper	6010B	11	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Lead	6010B	4.8	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Mercury	7471A	<0.10	mg/kg	08/29/24 16:30	08/30/24 10:43	--	1
Molybdenum	6010B	1.2	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Nickel	6010B	16	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Selenium	6010B	<4.8	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Silver	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Thallium	6010B	<0.41	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Vanadium	6010B	42	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1
Zinc	6010B	35	mg/kg	08/28/24 13:00	08/29/24 12:18	--	1

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Lab Reference # NAM OCAP1305
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Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-4-15	OCAP1305-03	8/27/2024 13:15	8/27/2024 8:03	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Arsenic	6010B	12	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Barium	6010B	78	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Beryllium	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Cadmium	6010B	0.77	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Chromium	6010B	16	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Cobalt	6010B	7.8	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Copper	6010B	14	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Lead	6010B	13	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Mercury	7471A	<0.10	mg/kg	08/29/24 16:30	08/30/24 10:45	--	1
Molybdenum	6010B	<1.0	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Nickel	6010B	13	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Selenium	6010B	<4.8	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Silver	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Thallium	6010B	<0.41	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Vanadium	6010B	38	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1
Zinc	6010B	50	mg/kg	08/28/24 13:00	08/29/24 12:21	--	1

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-4-20	OCAP1305-04	8/27/2024 13:15	8/27/2024 8:06	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Arsenic	6010B	6.1	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Barium	6010B	120	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Beryllium	6010B	0.85	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Cadmium	6010B	0.62	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Chromium	6010B	27	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Cobalt	6010B	12	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Copper	6010B	25	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Lead	6010B	9.6	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Mercury	7471A	<0.10	mg/kg	08/29/24 16:30	08/30/24 10:47	--	1
Molybdenum	6010B	<1.0	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Nickel	6010B	18	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Selenium	6010B	<4.8	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Silver	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Thallium	6010B	<0.41	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Vanadium	6010B	58	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1
Zinc	6010B	74	mg/kg	08/28/24 13:00	08/29/24 12:24	--	1

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Lab Reference # NAM OCAP1305
Project Name: 212797001
Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-4-25	OCAP1305-05	8/27/2024 13:15	8/27/2024 8:09	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
Antimony	6010B	<2.0	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Arsenic	6010B	4.2	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Barium	6010B	110	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Beryllium	6010B	0.71	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Cadmium	6010B	0.55	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Chromium	6010B	22	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Cobalt	6010B	9.4	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Copper	6010B	23	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Lead	6010B	10	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Mercury	7471A	<0.10	mg/kg	08/29/24 16:30	08/30/24 10:49	--	1
Molybdenum	6010B	<1.0	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Nickel	6010B	16	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Selenium	6010B	<4.8	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Silver	6010B	<0.50	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Thallium	6010B	<0.41	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Vanadium	6010B	47	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1
Zinc	6010B	79	mg/kg	08/28/24 13:00	08/29/24 12:27	--	1

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QA/QC Report
for
Extactable Fuel Hydrocarbons (EPA 8015B/8015M)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/28/2024 10:07
Date of Analysis: 8/28/2024 14:10
Dup Date of Analysis: 8/28/2024 14:30
Laboratory Sample #: OCAP1305-04
MS/MSD Qualifiers: None
Reference #: NAM OCAP1305

Analyte	R	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
EFH as Diesel	0.00	1000	895	892	89	89	0	50-156	20	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Octacosane	93	92	☐

LCS	LCSD	Qual
96	102	☐

ACP % RC
40-160

Laboratory Control Sample

Date of Extraction: 8/28/2024 10:07
Date of Analysis: 8/28/2024 13:29
Dup Date of Analysis: 8/28/2024 13:49
Laboratory Sample #: AR0828241
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
EFH as Diesel	1000	879	973	88	97	10	45-147	21	☐

QA/QC Report
for
Volatile Fuel Hydrocarbons (EPA 8015B)
Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/28/2024 9:11
Date of Analysis: 8/28/2024 11:23
Dup Date of Analysis: 8/28/2024 11:43
Laboratory Sample #: OCAP1303-14
MS/MSD Qualifiers: None
Reference #: NAM OCAP1305

Analyte	R	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
VFH as Gasoline	0.00	0.250	0.140	0.104	56	42	30	19-131	39	☐

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
α-α-α-Trifluorotoluene	83	63	☐

LCS	LCSD	Qual
81	84	☐

ACP % RC
32-156

Laboratory Control Sample

Date of Extraction: 8/28/2024 9:11
Date of Analysis: 8/28/2024 10:44
Dup Date of Analysis: 8/28/2024 11:03
Laboratory Sample #: KBH0828241
LCS Qualifiers: None

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
VFH as Gasoline	0.250	0.147	0.153	59	61	4	22-130	35	☐

QA/QC Report
for
Organochlorine Pesticides (EPA 8081A)
Reporting Units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/27/2024 17:30
Date of Analysis: 8/28/2024 15:48
Dup Date of Analysis: 8/28/2024 16:03
Laboratory Sample #: OCAP1303-017
MS/MSD Qualifiers: R2,
Reference #: NAM OCAP1305

Analyte	R	Spike Conc.	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Aldrin	0.00	20.0	9.85	9.85	49	49	0	17-130	25	--
alpha-BHC	0.00	20.0	10.8	10.5	54	52	3	22-130	23	--
beta-BHC	0.00	20.0	11.4	11.8	57	59	3	26-130	25	--
gamma-BHC (Lindane)	0.00	20.0	11.5	11.3	57	56	2	27-130	22	--
4,4'-DDD	0.00	20.0	17.3	16.2	86	81	7	37-130	27	--
4,4'-DDE	0.00	20.0	15.4	14.5	77	73	6	42-130	20	--
4,4'-DDT	0.00	20.0	20.8	18.5	104	93	12	43-130	23	--
delta-BHC	0.00	20.0	13.6	12.8	68	64	6	34-130	24	--
Dieldrin	0.00	20.0	13.3	12.5	67	63	6	29-130	21	--
Endosulfan I	0.00	20.0	12.1	11.9	61	59	2	29-130	25	--
Endosulfan II	0.00	20.0	14.0	11.7	70	58	18	29-130	26	--
Endosulfan sulfate	0.00	20.0	11.3	4.85	56	24	80	D-130	30	R2,
Endrin	0.00	20.0	14.6	13.5	73	68	8	34-130	27	--
Endrin Aldehyde	0.00	20.0	7.87	3.26	39	16	83	D-130	30	R2,
Endrin ketone	0.00	20.0	12.9	7.66	64	38	51	15-130	30	R2,
Heptachlor	0.00	20.0	10.2	10.2	51	51	0	21-130	25	--
Heptachlor epoxide	0.00	20.0	11.9	11.5	59	57	3	28-130	26	--
Methoxychlor	0.00	20.0	12.1	12.0	61	60	1	28-130	29	--

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Decachlorobiphenyl	86	88	☐

LCS	LCSD	Qual
89	91	☐

ACP % RC
33-139

Laboratory Control Sample (LCS) / Laboratory Control Sample Duplicate (LCSD)

Date of Extraction: 8/27/2024 17:30
Date of Analysis: 8/28/2024 15:19
Dup Date of Analysis: 8/28/2024 15:34
Laboratory Sample #: BL0824241A
LCS/LCSD Qualifiers: L2, R2,

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
Aldrin	20.0	8.57	11.2	43	56	27	10-130	30	--
alpha-BHC	20.0	9.62	11.6	48	58	19	16-130	31	--
beta-BHC	20.0	8.76	11.1	44	56	24	23-130	26	--
gamma-BHC (Lindane)	20.0	10.8	12.5	54	63	15	20-130	28	--
4,4'-DDD	20.0	12.6	14.5	63	73	14	50-130	20	--
4,4'-DDE	20.0	11.8	14.0	59	70	17	40-130	20	--

QA/QC Report
for
Organochlorine Pesticides (EPA 8081A)

Reporting Units: ppb

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
4,4'-DDT	20.0	15.3	17.2	76	86	12	47-130	20	--
delta-BHC	20.0	10.3	9.96	51	50	3	29-130	27	--
Dieldrin	20.0	10.4	12.0	52	60	14	33-130	24	--
Endosulfan I	20.0	9.87	11.7	49	58	17	25-130	29	--
Endosulfan II	20.0	11.3	8.44	56	42	29	36-130	27	R2,
Endosulfan sulfate	20.0	9.36	1.70	47	9	139	D-129	44	R2,
Endrin	20.0	10.9	12.5	54	63	14	34-130	21	--
Endrin Aldehyde	20.0	8.75	1.36	44	7	146	4-130	43	R2,
Endrin ketone	20.0	10.6	3.79	53	19	95	21-130	26	L2, R2,
Heptachlor	20.0	8.55	11.4	43	57	29	13-130	33	--
Heptachlor epoxide	20.0	10.1	11.7	50	58	15	23-130	27	--
Methoxychlor	20.0	10.3	8.01	51	40	25	41-130	24	L2, R2,

QA/QC Report
for
Polychlorinated Biphenyl's (EPA 8082)

Reporting units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/27/2024 17:30
Date of Analysis: 8/29/2024 12:09
Dup Date of Analysis: 8/29/2024 12:24
Laboratory Sample #: OCAP1303-017
MS/MSD Qualifiers: M1,
Reference #: NAM OCAP1305

Analyte	R	SPC CONC	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
PCB-1016	0.00	150	156	161	104	107	3	27-135	27	☐
PCB-1260	0.00	150	243	233	162	155	4	41-131	22	☑

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Decachlorobiphenyl	97	80	☐

LCS	LCSD	Qual
81	90	☐

ACP % RC
33-139

Laboratory Control Sample

Date of Extraction: 8/27/2024 17:30
Date of Analysis: 8/29/2024 11:40
Dup Date of Analysis: 8/29/2024 11:55
Laboratory Sample #: BL0827241B
LCS Qualifiers: L1,

Analyte	SPC CONC	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
PCB-1016	150	149	146	99	97	2	18-145	28	☐
PCB-1260	150	217	247	145	165	13	42-141	20	☑

QA/QC Report
for
Volatile Organic Compounds (8260B)
Reporting Units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/28/2024 9:36
Date of Analysis: 8/28/2024 13:51
Dup Date of Analysis: 8/28/2024 14:11
Laboratory Sample #: OCAP1308-01
MS/MSD Qualifiers: M2,
Reference #: NAM OCAP1305

Analyte	R	Spike Conc.	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Benzene	0.00	10.0	10.9	11.0	109	110	1	70-130	20	--
Bromobenzene	0.00	10.0	9.76	9.37	98	94	4	70-130	20	--
Bromochloromethane	0.00	10.0	10.3	10.4	103	104	1	70-130	20	--
Bromodichloromethane	0.00	10.0	9.98	10.1	100	101	1	70-130	20	--
Bromoform	0.00	10.0	7.64	7.61	76	76	0	50-142	20	--
Bromomethane	0.00	10.0	10.5	10.2	105	102	3	25-141	20	--
2-Butanone (MEK)	0.00	10.0	10.4	12.3	104	123	17	33-170	26	--
n-Butylbenzene	0.00	10.0	11.1	10.5	111	105	6	41-164	20	--
sec-Butylbenzene	0.00	10.0	10.2	9.80	102	98	4	43-158	20	--
tert-Butylbenzene	0.00	10.0	9.75	9.25	98	93	5	59-133	20	--
Carbon tetrachloride	0.00	10.0	10.3	10.8	103	108	5	55-144	20	--
Chlorobenzene	0.00	10.0	10.1	9.96	101	100	1	70-130	20	--
Chloroethane	0.00	10.0	9.73	9.26	97	93	5	24-137	21	--
Chloroform	0.00	10.0	12.3	12.3	123	123	0	69-130	20	--
Chloromethane	0.00	10.0	12.0	11.5	120	115	4	43-130	20	--
2-Chlorotoluene	0.00	10.0	10.8	10.4	108	104	4	68-130	20	--
4-Chlorotoluene	0.00	10.0	11.0	10.6	110	106	4	70-134	20	--
1,2-Dibromo-3-chloropropane	0.00	10.0	6.98	6.85	70	69	2	66-130	20	--
Dibromochloromethane	0.00	10.0	8.88	8.79	89	88	1	65-130	20	--
1,2-Dibromoethane (EDB)	0.00	10.0	8.59	8.88	86	89	3	70-132	20	--
Dibromomethane	0.00	10.0	10.1	9.99	101	100	1	70-130	20	--
1,2-Dichlorobenzene	0.00	10.0	9.97	9.43	100	94	6	70-131	20	--
1,3-Dichlorobenzene	0.00	10.0	10.4	9.73	104	97	7	70-130	20	--
1,4-Dichlorobenzene	0.00	10.0	10.5	10.0	105	100	5	70-130	20	--
Dichlorodifluoromethane	0.00	10.0	9.16	8.75	92	88	5	25-144	24	--
1,1-Dichloroethane	0.00	10.0	12.0	12.3	120	123	2	59-131	20	--
1,2-Dichloroethane	0.00	10.0	10.7	10.8	107	108	1	70-146	20	--
1,1-Dichloroethene	0.00	10.0	12.4	11.5	124	115	8	51-131	20	--
cis-1,2-Dichloroethene	0.00	10.0	11.0	11.6	110	116	5	66-130	20	--
trans-1,2-Dichloroethene	0.00	10.0	11.5	11.7	115	117	2	58-130	20	--
1,2-Dichloropropane	0.00	10.0	10.6	11.0	106	110	4	70-130	20	--
1,3-Dichloropropane	0.00	10.0	9.85	9.82	99	98	0	70-130	20	--
2,2-Dichloropropane	0.00	10.0	6.06	6.08	61	61	0	46-140	20	--
1,1-Dichloropropene	0.00	10.0	11.9	12.4	119	124	4	40-159	20	--
cis-1,3-Dichloropropene	0.00	10.0	7.63	7.73	76	77	1	69-130	20	--
trans-1,3-Dichloropropene	0.00	10.0	6.54	6.54	65	65	0	65-130	20	--
Diisopropyl ether (DIPE)	0.00	10.0	11.5	12.2	115	122	6	48-130	20	--
Ethyl t-butyl ether (ETBE)	0.00	10.0	7.50	8.04	75	80	7	55-130	20	--
Ethylbenzene	0.00	10.0	10.0	10.0	100	100	0	66-136	20	--

QA/QC Report
for
Volatile Organic Compounds (8260B)

Reporting Units: ppb

Analyte	R	Spike Conc.	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Hexachlorobutadiene	0.00	10.0	8.56	8.18	86	82	5	46-164	23	--
Isopropylbenzene	0.00	10.0	9.34	9.44	93	94	1	53-147	20	--
4-Isopropyltoluene	0.00	10.0	10.4	9.96	104	100	4	54-148	20	--
Methyl t-butyl ether (MTBE)	0.00	20.0	14.0	14.6	70	73	4	64-130	20	--
Methylene chloride	0.00	10.0	13.8	14.2	138	142	3	25-167	20	--
Naphthalene	0.00	10.0	6.97	6.63	70	66	5	52-141	20	--
n-Propylbenzene	0.00	10.0	11.0	10.4	110	104	6	50-147	20	--
Styrene	0.00	10.0	9.11	9.02	91	90	1	66-134	20	--
t-Amyl methyl ether (TAME)	0.00	10.0	5.56	5.91	56	59	6	66-130	20	M2,
t-Butanol (TBA)	0.00	100	43.9	46.4	44	46	6	50-130	20	M2,
1,1,1,2-Tetrachloroethane	0.00	10.0	8.66	8.73	87	87	1	70-136	20	--
1,1,2,2-Tetrachloroethane	0.00	10.0	9.78	9.06	98	91	8	65-131	20	--
Tetrachloroethene	0.00	10.0	9.55	9.75	96	98	2	23-228	21	--
Toluene	0.00	10.0	10.3	10.2	103	102	1	70-130	20	--
1,2,3-Trichlorobenzene	0.00	10.0	8.16	7.73	82	77	5	70-139	20	--
1,2,4-Trichlorobenzene	0.00	10.0	8.01	7.83	80	78	2	57-135	20	--
1,1,1-Trichloroethane	0.00	10.0	9.58	10.2	96	102	6	55-142	20	--
1,1,2-Trichloroethane	0.00	10.0	9.60	9.44	96	94	2	70-131	20	--
Trichloroethene	0.00	10.0	10.2	10.1	102	101	1	70-134	20	--
Trichlorofluoromethane	0.00	10.0	9.30	8.85	93	89	5	60-148	20	--
1,2,3-Trichloropropane	0.00	10.0	8.84	8.31	88	83	6	66-130	20	--
1,2,4-Trimethylbenzene	0.00	10.0	10.7	10.3	107	103	4	58-141	20	--
1,3,5-Trimethylbenzene	0.00	10.0	10.5	9.97	105	100	5	61-139	20	--
Vinyl chloride	0.00	10.0	11.5	11.3	115	113	2	50-132	20	--
o-Xylene	0.00	10.0	9.86	9.83	99	98	0	69-131	20	--
m- & p-Xylenes	0.00	20.0	20.3	20.3	101	101	0	69-134	20	--

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual	LCS	LCSD	Qual	ACP % RC
Dibromofluoromethane	111	118	☐	100	107	☐	55-139
Toluene-d8	97	95	☐	79	90	☐	45-144
4-Bromofluorobenzene	94	95	☐	76	84	☐	54-136

Laboratory Control Sample (LCS) / Laboratory Control Sample Duplicate (LCSD)

Date of Extraction: 8/28/2024 9:36
Date of Analysis: 8/28/2024 13:11
Dup Date of Analysis: 8/28/2024 13:31
Laboratory Sample #: RC0828241
LCS/LCSD Qualifiers: L2, R2,

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
Benzene	10.0	10.1	10.0	101	100	1	70-130	20	--
Bromobenzene	10.0	8.76	8.85	88	89	1	70-130	20	--
Bromochloromethane	10.0	9.67	9.79	97	98	1	70-130	20	--
Bromodichloromethane	10.0	9.50	9.33	95	93	2	70-130	20	--
Bromoform	10.0	7.37	7.23	74	72	2	57-133	20	--
Bromomethane	10.0	10.0	9.61	100	96	4	16-154	20	--
2-Butanone (MEK)	10.0	7.03	5.69	70	57	21	38-133	27	--

QA/QC Report
for
Volatile Organic Compounds (8260B)

Reporting Units: ppb

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
n-Butylbenzene	10.0	9.41	9.73	94	97	3	60-144	20	--
sec-Butylbenzene	10.0	8.76	9.01	88	90	3	62-140	20	--
tert-Butylbenzene	10.0	8.38	8.71	84	87	4	70-130	20	--
Carbon tetrachloride	10.0	9.89	9.41	99	94	5	70-138	20	--
Chlorobenzene	10.0	9.15	9.28	91	93	1	70-130	20	--
Chloroethane	10.0	9.27	8.57	93	86	8	9-155	20	--
Chloroform	10.0	11.4	11.4	114	114	0	70-130	20	--
Chloromethane	10.0	12.4	10.7	124	107	15	49-130	20	--
2-Chlorotoluene	10.0	9.37	9.81	94	98	5	70-130	20	--
4-Chlorotoluene	10.0	9.52	9.94	95	99	4	70-130	20	--
1,2-Dibromo-3-chloropropane	10.0	6.63	6.71	66	67	1	70-130	20	L2,
Dibromochloromethane	10.0	8.20	8.08	82	81	1	67-130	20	--
1,2-Dibromoethane (EDB)	10.0	8.25	8.29	82	83	0	70-130	20	--
Dibromomethane	10.0	9.50	9.36	95	94	1	70-130	20	--
1,2-Dichlorobenzene	10.0	8.81	9.14	88	91	4	70-130	20	--
1,3-Dichlorobenzene	10.0	9.02	9.30	90	93	3	70-130	20	--
1,4-Dichlorobenzene	10.0	9.19	9.46	92	95	3	70-130	20	--
Dichlorodifluoromethane	10.0	8.95	8.09	89	81	10	33-143	25	--
1,1-Dichloroethane	10.0	11.3	11.5	113	115	2	68-130	20	--
1,2-Dichloroethane	10.0	10.3	10.2	103	102	1	70-144	20	--
1,1-Dichloroethene	10.0	11.4	10.2	114	102	11	64-130	20	--
cis-1,2-Dichloroethene	10.0	10.2	10.6	102	106	4	70-130	20	--
trans-1,2-Dichloroethene	10.0	10.7	10.5	107	105	2	70-130	20	--
1,2-Dichloropropane	10.0	9.96	9.76	100	98	2	70-130	20	--
1,3-Dichloropropane	10.0	9.52	9.06	95	91	5	70-130	20	--
2,2-Dichloropropane	10.0	5.73	5.53	57	55	4	61-135	20	L2,
1,1-Dichloropropene	10.0	11.2	11.0	112	110	2	64-142	20	--
cis-1,3-Dichloropropene	10.0	7.22	7.21	72	72	0	69-130	20	--
trans-1,3-Dichloropropene	10.0	6.10	6.21	61	62	2	66-130	20	L2,
Diisopropyl ether (DIPE)	10.0	13.0	11.4	130	114	13	51-130	20	--
Ethyl t-butyl ether (ETBE)	10.0	8.76	7.67	88	77	13	55-130	20	--
Ethylbenzene	10.0	8.91	8.95	89	89	0	70-130	20	--
Hexachlorobutadiene	10.0	7.16	7.46	72	75	4	56-149	22	--
Isopropylbenzene	10.0	8.41	8.46	84	85	1	70-133	20	--
4-Isopropyltoluene	10.0	8.91	9.34	89	93	5	70-133	20	--
Methyl t-butyl ether (MTBE)	20.0	15.1	14.0	75	70	8	63-130	20	--
Methylene chloride	10.0	12.7	12.7	127	127	0	37-153	20	--
Naphthalene	10.0	6.19	6.36	62	64	3	57-130	20	--
n-Propylbenzene	10.0	9.51	9.84	95	98	3	66-133	20	--
Styrene	10.0	7.97	8.04	80	80	1	70-130	20	--
t-Amyl methyl ether (TAME)	10.0	6.50	5.64	65	56	14	67-130	20	L2,
t-Butanol (TBA)	100	55.8	45.1	56	45	21	47-130	20	L2, R2,
1,1,1,2-Tetrachloroethane	10.0	7.90	7.94	79	79	1	70-136	20	--
1,1,2,2-Tetrachloroethane	10.0	8.80	9.26	88	93	5	70-130	20	--
Tetrachloroethene	10.0	8.58	8.81	86	88	3	70-130	20	--
Toluene	10.0	9.41	9.34	94	93	1	70-130	20	--
1,2,3-Trichlorobenzene	10.0	7.08	7.20	71	72	2	70-131	20	--
1,2,4-Trichlorobenzene	10.0	7.03	7.22	70	72	3	55-130	20	--
1,1,1-Trichloroethane	10.0	9.19	8.88	92	89	3	70-134	20	--
1,1,2-Trichloroethane	10.0	8.92	8.80	89	88	1	70-130	20	--

QA/QC Report
for
Volatile Organic Compounds (8260B)

Reporting Units: ppb

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
Trichloroethene	10.0	9.38	9.33	94	93	1	70-131	20	--
Trichlorofluoromethane	10.0	9.13	8.18	91	82	11	62-156	22	--
1,2,3-Trichloropropane	10.0	8.07	8.34	81	83	3	70-130	20	--
1,2,4-Trimethylbenzene	10.0	9.11	9.42	91	94	3	70-130	20	--
1,3,5-Trimethylbenzene	10.0	8.82	9.32	88	93	6	70-130	20	--
Vinyl chloride	10.0	11.5	10.2	115	102	12	65-130	20	--
o-Xylene	10.0	8.90	9.03	89	90	1	70-130	20	--
m- & p-Xylenes	20.0	18.1	18.3	91	91	1	70-130	20	--

QA/QC Report
for
Semi-Volatile Organic Compounds (8270C)
Reporting Units: ppb

Matrix Spike (MS) / Matrix Spike Duplicate (MSD)

Date of Extraction: 8/28/2024 14:53
Date of Analysis: 8/28/2024 20:32
Dup Date of Analysis: 8/28/2024 21:04
Laboratory Sample #: OCAP1303-14
MS/MSD Qualifiers: None
Reference #: NAM OCAP1305

Analyte	R	Spike Conc.	MS	MSD	%MS	%MSD	RPD	ACP %MS	ACP RPD	Qual
Acenaphthene	0.00	500	423	295	85	59	36	34-136	20	--
Acenaphthylene	0.00	500	589	393	118	79	40	31-141	20	--
Anthracene	0.00	500	379	348	76	70	9	31-143	20	--
Benz(a)anthracene	0.00	500	642	644	128	129	0	34-156	20	--
Benzo(a)pyrene	0.00	500	495	485	99	97	2	32-143	20	--
Benzo(b)fluoranthene	0.00	500	613	569	123	114	7	31-150	20	--
Benzo(g,h,i)perylene	0.00	500	392	390	78	78	1	14-147	22	--
Benzo(k)fluoranthene	0.00	500	512	513	102	103	0	34-143	21	--
Chrysene	0.00	500	458	450	92	90	2	35-141	20	--
Dibenz(a,h)anthracene	0.00	500	396	386	79	77	3	23-142	20	--
Fluoranthene	0.00	500	393	370	79	74	6	36-150	20	--
Fluorene	0.00	500	483	369	97	74	27	35-140	20	--
Indeno(1,2,3-cd)pyrene	0.00	500	438	429	88	86	2	24-141	20	--
Naphthalene	0.00	500	459	91.0	92	18	134	28-130	20	--
Phenanthrene	0.00	500	410	358	82	72	14	33-142	20	--
Pyrene	0.00	500	548	514	110	103	6	33-150	20	--

Surrogate Recoveries for Spike Samples

Surrogate (%RC)	MS	MSD	Qual
Nitrobenzene-d5	102	16	☑

LCS	LCSD	Qual
95	91	☐

ACP % RC
27-134

Laboratory Control Sample (LCS) / Laboratory Control Sample Duplicate (LCSD)

Date of Extraction: 8/28/2024 14:53
Date of Analysis: 8/28/2024 19:29
Dup Date of Analysis: 8/28/2024 20:00
Laboratory Sample #: PM0828241
LCS/LCSD Qualifiers: None

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
Acenaphthene	100	76.0	83.1	76	83	9	41-139	20	--
Acenaphthylene	100	103	114	103	114	10	41-141	20	--
Anthracene	100	72.8	73.8	73	74	1	38-141	20	--
Benz(a)anthracene	100	128	130	128	130	2	46-150	20	--

QA/QC Report
for
Semi-Volatile Organic Compounds (8270C)

Reporting Units: ppb

Analyte	Spike Conc.	LCS	LCSD	%LCS	%LCSD	RPD	ACP %LCS	ACP RPD	Qual
Benzo(a)pyrene	100	98.9	98.6	99	99	0	36-140	20	--
Benzo(b)fluoranthene	100	121	124	121	124	2	41-145	21	--
Benzo(g,h,i)perylene	100	81.2	79.7	81	80	2	21-149	27	--
Benzo(k)fluoranthene	100	101	109	101	109	8	41-142	22	--
Chrysene	100	90.2	92.9	90	93	3	41-142	20	--
Dibenz(a,h)anthracene	100	82.8	81.8	83	82	1	27-146	23	--
Fluoranthene	100	78.1	78.2	78	78	0	47-144	20	--
Fluorene	100	86.9	92.1	87	92	6	48-136	20	--
Indeno(1,2,3-cd)pyrene	100	90.9	90.5	91	90	0	27-147	24	--
Naphthalene	100	78.1	93.1	78	93	18	39-130	23	--
Phenanthrene	100	79.7	79.9	80	80	0	45-139	20	--
Pyrene	100	105	109	105	109	4	40-153	20	--

QA/QC Report
for
Metals

Reference #: NAM OCAP1305 Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD) **6010B/7471A**

Laboratory Sample #: OCAP1305-01 **Date of Extraction:** 08/28/24 13:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Antimony	08/29/24 12:41	08/29/24 12:44	0.00	20.0	6.36	6.49	32	32	2	75-125	20	M2,
Arsenic	08/29/24 12:41	08/29/24 12:44	4.30	20.0	24.2	24.0	100	98	1	75-125	20	--
Barium	08/29/24 12:41	08/29/24 12:44	42.0	20.0	62.1	64.4	100	112	4	75-125	20	--
Beryllium	08/29/24 12:41	08/29/24 12:44	0.00	20.0	19.9	20.2	99	101	1	75-125	20	--
Cadmium	08/29/24 12:41	08/29/24 12:44	0.00	20.0	19.1	19.6	96	98	3	75-125	20	--
Chromium	08/29/24 12:41	08/29/24 12:44	11.0	20.0	31.7	31.9	104	104	1	75-125	20	--
Cobalt	08/29/24 12:41	08/29/24 12:44	6.20	20.0	26.1	26.7	100	103	2	75-125	20	--
Copper	08/29/24 12:41	08/29/24 12:44	8.10	20.0	29.0	29.8	104	108	3	75-125	20	--
Lead	08/29/24 12:41	08/29/24 12:44	11.0	20.0	30.6	30.1	98	96	2	75-125	20	--
Molybdenum	08/29/24 12:41	08/29/24 12:44	0.00	20.0	19.5	19.8	98	99	2	75-125	20	--
Nickel	08/29/24 12:41	08/29/24 12:44	7.00	20.0	28.0	26.9	105	99	4	75-125	20	--
Selenium	08/29/24 12:41	08/29/24 12:44	0.00	20.0	18.3	18.4	91	92	1	75-125	20	--
Silver	08/29/24 12:41	08/29/24 12:44	0.00	20.0	19.2	19.7	96	99	3	75-125	20	--
Thallium	08/29/24 12:41	08/29/24 12:44	0.00	20.0	15.6	15.0	78	75	4	75-125	20	--
Vanadium	08/29/24 12:41	08/29/24 12:44	25.0	20.0	48.9	47.8	120	114	2	75-125	20	--
Zinc	08/29/24 12:41	08/29/24 12:44	36.0	20.0	58.2	56.3	111	101	3	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD) **6010B/7471A**

Laboratory Sample #: JH0828243 **Date of Extraction:** 08/28/24 13:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Antimony	08/29/24 12:34	08/29/24 12:38	--	20.0	20.4	20.0	102	100	2	80-120	20	--
Arsenic	08/29/24 12:34	08/29/24 12:38	--	20.0	19.3	19.1	96	96	1	80-120	20	--
Barium	08/29/24 12:34	08/29/24 12:38	--	20.0	19.8	19.5	99	98	2	80-120	20	--
Beryllium	08/29/24 12:34	08/29/24 12:38	--	20.0	18.8	18.3	94	91	3	80-120	20	--
Cadmium	08/29/24 12:34	08/29/24 12:38	--	20.0	18.8	18.4	94	92	2	80-120	20	--
Chromium	08/29/24 12:34	08/29/24 12:38	--	20.0	20.9	20.5	104	102	2	80-120	20	--
Cobalt	08/29/24 12:34	08/29/24 12:38	--	20.0	20.5	20.1	102	101	2	80-120	20	--
Copper	08/29/24 12:34	08/29/24 12:38	--	20.0	20.1	19.6	101	98	3	80-120	20	--
Lead	08/29/24 12:34	08/29/24 12:38	--	20.0	20.3	19.9	101	99	2	80-120	20	--
Molybdenum	08/29/24 12:34	08/29/24 12:38	--	20.0	20.0	19.7	100	99	2	80-120	20	--
Nickel	08/29/24 12:34	08/29/24 12:38	--	20.0	21.0	20.5	105	102	2	80-120	20	--
Selenium	08/29/24 12:34	08/29/24 12:38	--	20.0	17.1	18.4	86	92	7	80-120	20	--
Silver	08/29/24 12:34	08/29/24 12:38	--	20.0	21.0	20.5	105	102	2	80-120	20	--
Thallium	08/29/24 12:34	08/29/24 12:38	--	20.0	19.4	19.2	97	96	1	80-120	20	--
Vanadium	08/29/24 12:34	08/29/24 12:38	--	20.0	19.6	19.2	98	96	2	80-120	20	--
Zinc	08/29/24 12:34	08/29/24 12:38	--	20.0	21.3	20.8	106	104	2	80-120	20	--

Matrix Spike (MS) / Matrix Spike Duplicate (MSD) **6010B/7471A**

Laboratory Sample #: OCAP1315-01 **Date of Extraction:** 08/29/24 16:30

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
Mercury	08/30/24 10:26	08/30/24 10:28	0.140	1.00	0.932	0.941	79	80	1	80-120	20	M2,

QA/QC Report
for
Metals

Reference #: NAM OCAP1305 Reporting units: ppm

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD) **6010B/7471A**

Laboratory Sample #: AU0829242 **Date of Extraction:** 08/29/24 16:30

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
Mercury	08/30/24 10:21	08/30/24 10:23	--	1.00	0.833	0.826	83	83	1	80-120	20	--

Data Qualifier Definitions

Qualifier

D1 = Sample required dilution due to matrix.

L1 = The associated blank spike recovery was above laboratory acceptance limits.

BL0827241B	8082	PCB-1260	LCS/LCSD

L2 = The associated blank spike recovery was below laboratory acceptance limits.

BL0824241A	8081A	Endrin ketone	LCSD
BL0824241A	8081A	Methoxychlor	LCSD
RC0828241	8260B	1,2-Dibromo-3-chloropropane	LCS/LCSD
RC0828241	8260B	2,2-Dichloropropane	LCS/LCSD
RC0828241	8260B	t-Amyl methyl ether (TAME)	LCS/LCSD
RC0828241	8260B	t-Butanol (TBA)	LCSD
RC0828241	8260B	trans-1,3-Dichloropropene	LCS/LCSD

M1 = Matrix spike recovery was high, the associated blank spike recovery was acceptable.

OCAP1303-017	8082	PCB-1260	MS/MSD

M2 = Matrix spike recovery was low, the associated blank spike recovery was acceptable.

OCAP1305-01	6010B	Antimony	MS/MSD
OCAP1308-01	8260B	t-Amyl methyl ether (TAME)	MS/MSD
OCAP1308-01	8260B	t-Butanol (TBA)	MS/MSD
OCAP1315-01	6010B	Mercury	MS

R2 = RPD/RSD exceeded the laboratory acceptance limit.

BL0824241A	8081A	Endosulfan II	LCS/LCSD
BL0824241A	8081A	Endosulfan sulfate	LCS/LCSD
BL0824241A	8081A	Endrin Aldehyde	LCS/LCSD
BL0824241A	8081A	Endrin ketone	LCS/LCSD
BL0824241A	8081A	Methoxychlor	LCS/LCSD
OCAP1303-017	8081A	Endosulfan sulfate	MS/MSD
OCAP1303-017	8081A	Endrin Aldehyde	MS/MSD
OCAP1303-017	8081A	Endrin ketone	MS/MSD
RC0828241	8260B	t-Butanol (TBA)	LCS/LCSD

S8 = The analysis of the sample required a dilution such that the surrogate recovery calculation does not provide any useful information. The associated blank spike recovery was acceptable.

Definition of terms:

R	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: {(MS-R1) / SP CONC} x100
%MSD	Percent recovery of MSD: {(MSD-R1) / SP CONC} x 100
RPD (for MS/MSD)	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: {(LCS) / SP CONC} x100
%LCSD	Percent recovery of LCSD: {(LCSD) / SP CONC} x 100
RPD (for LCS/LCSD)	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

Analysis Request & Chain of Custody Record

ORANGE COAST ANALYTICAL, INC.
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4620 East Elwood Street, Suite 4
Phoenix, AZ 85040
AZ Phone: (480) 736-0960

Lab Job No.: OCAP1305 Page: 1 of 1

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo and Moore	Project Name:	
Send Report To:	echavez@ninyoandmoore.com	Project Number:	212797001
Email:		PO #:	
Address:	475 Goddard, Suite 200, Irvine, CA 92618	Address (City / State):	561 The City Dr. S.
		EDD Required:	Scribe EDD
Phone:	Fax:	Sampled By:	SML

ANALYSIS REQUEST / PRESERVATION

REQUESTED TURN-AROUND-TIME
Standard: X
3 Day:
2 Day:
1 Day:

Customer Sample IDs	No. of Containers	Sample Date	Sample Time	Sample Matrix	Container Type	Title 22 metals by EPA 6010	TPH-gasoline by EPA 8015B/8015C	VOCs by EPA 8260B/8260C	OCPs by EPA 8081A	PAHs by EPA 8270 SIM	PCBs by EPA 8082	REMARKS / INSTRUCTIONS
B-4-5	1+4	8/27/24	0755	SS	4 6in Sleeve 4 VOAs	X	X	X	X	X	X	
B-4-10			0800									
B-4-15			0803									
B-4-20			0806									
B-4-25			0809									

SML - 8/27/24

No. of Samples: 5 Method of Shipment: Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By: [signature] Date: 8/27/24 Time: 1315 Company: Ninyo & Moore	Received By: Date: Time: Company:	Sample Matrix: GW - Groundwater, WW - Wastewater, SW - Stormwater, DW - Drinking Water, AQ - Aqueous, SS - Soil / Solid, OT - Other	
Relinquished By: Date: Time: Company:	Received By: Date: Time: Company:	Sample Integrity:	On Ice: Yes / No
Relinquished By: Date: Time: Company:	Received For OCA By: [signature] Date: 8/27/24 Time: 1315 Company: OCA	Therm. ID: #3 Intact: Yes / No	Observed Temp.: 5 °C Correction Factor: 0 °C Temperature: 5 °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, by Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup samples upon completion of all analyses.

Sample Receipt Report

Laboratory Reference: **NAM OCAP1305** Logged in by: AV

Received:	08/27/24 13:15	Company Name:	Ninyo & Moore
Method of Shipment:	Hand Delivered	Project Manager:	Mr. Dennis Fee
Shipping Container:	Cooler	Project Name:	212797001
# Shipping Containers:	1	Project #:	

Sample Quantity
5 Soil

Chain of Custody		Complete ☑	Incomplete ☐	None ☐
Samples On Ice		Yes, Wet ☑	Yes, Blue ☐	No ☐
Observed Temp. (°C):	5	Thermometer ID:	Adjusted Temp.:	5
Shipping Intact		Yes ☑	N/A ☐	No ☐
Shipping Custody Seals Intact		Yes ☐	N/A ☑	No ☐
Samples Intact		Yes ☑		No ☐
Sample Custody Seals Intact		Yes ☐	N/A ☑	No ☐
Custody Seals Signed & Dated		Yes ☐	N/A ☑	No ☐
Proper Test Containers		Yes ☑		No ☐
Proper Test Preservations		Yes ☑		No ☐
Samples Within Hold Times		Yes ☑		No ☐
VOAs Have Zero Headspace		Yes ☐	N/A ☑	No ☐
Sample Labels		Complete ☑	Incomplete ☐	None ☐
Sample Information Matches COC		Yes ☑	N/A ☐	No ☐

Notes

IR# 3

Client Notified _____ By _____ On _____

Orange Coast Analytical, Inc.
3002 Dow, Suite 532, Tustin, CA 92780 (714) 832-0064 Fax (714) 832-0067
4620 E. Elwood, Suite 4, Phoenix, AZ 85040 (480) 736-0960 Fax (480) 736-0970

LABORATORY REPORT FORM

ORANGE COAST ANALYTICAL, INC.

3002 Dow Suite 532 Tustin, CA 92780

(714) 832-0064

Laboratory Certification (ELAP) No.:2576
Expiration Date: 2025
Los Angeles County Sanitation District Lab ID# 10206

Laboratory Director's Name:
Chris Tisserat

Client:	Ninyo & Moore
Laboratory Reference:	NAM OCAP1305A
Project Name:	212797001
Project Number:	
Date Received:	9/18/2024
Date Reported:	9/27/2024
Chain of Custody Received:	☑
Analytical Method:	6010B,

Chris Tisserat, Laboratory Director

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Mr. Dennis Fee
Ninyo & Moore
475 Goddard Ste 200
Irvine, CA, 92618

Lab Reference # NAM OCAP1305A
Project Name: 212797001
Project #:

Case Narrative

Sample Receipt:

All samples on the Chain of Custody were received by OCA at 5ºC, on ice.

IR#3

Holding Times:

All samples were analyzed within required holding times unless otherwise noted in the data qualifier section of the report.

Analytical Methods:

Sample analysis was performed following the analytical methods listed on the cover page.

Data Qualifiers:

Within this report, data qualifiers may have been assigned to clarify deviations in common laboratory procedures or any divergence from laboratory QA/QC criteria. If a data qualifier has been used, it will appear in the back of the report along with its description. All method QA/QC criteria have been met unless otherwise noted in the data qualifier section.

Definition of Terms:

The definitions of common terms and acronyms used in the report have been placed at the back of the report to assist data users.

Comments:

None

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Mr. Dennis Fee
Ninyo & Moore
475 Goddard Ste 200
Irvine, CA, 92618

Lab Reference # NAM OCAP1305A
Project Name: 212797001
Project #:

Client Sample Summary

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
B-4-10	OCAP1305-02	8/27/2024	8/27/2024	Soil

Mr. Dennis Fee
Ninyo & Moore
475 Goddard Ste 200
Irvine, CA, 92618

Lab Reference # NAM OCAP1305A
Project Name: 212797001
Project #:

Metals

Client Sample ID	Lab Sample Number	Date Received	Date Sampled	Matrix
Method Blank				Soil

MB ID	ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
MBJH0925243	STLC Arsenic	6010B	<0.20	mg/L	09/25/24 17:00	09/26/24 12:39	--	1

B-4-10	OCAP1305-02	8/27/2024 8:00	8/27/2024 8:00	Soil

ANALYTE	EPA Method	Result	Units	Date Extracted	Date Analyzed	Qual	DF
STLC Arsenic	6010B	2.4	mg/L	09/25/24 17:00	09/26/24 13:25	--	1

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QA/QC Report
for
Metals

Reference #: NAM OCAP1305A

Reporting units: ppm

Matrix Spike (MS) / Matrix Spike Duplicate (MSD) **STLC CCR**

Laboratory Sample #: OCAP1387-14 **Date of Extraction:** 09/25/24 17:00

Analyte	MS Date of Analysis	MSD Date of Analysis	R1	SPC CONC	MS	MSD	% MS	% MSD	RPD	ACP %MS	ACP RPD	Qualifiers
STLC Arsenic	09/26/24 12:54	09/26/24 12:58	0.00	1.00	1.03	1.04	103	104	1	75-125	20	--

Laboratory Control Spike (LCS) / Laboratory Control Spike Duplicate (LCSD) **STLC CCR**

Laboratory Sample #: JH0925243 **Date of Extraction:** 09/25/24 17:00

Analyte	LCS Date of Analysis	LCSD Date of Analysis		SPC CONC	LCS	LCSD	% LCS	% LCSD	RPD	ACP %LCS	ACP RPD	Qualifiers
STLC Arsenic	09/26/24 12:44	09/26/24 12:47	--	1.00	0.961	0.959	96	96	0	80-120	20	--

Definition of terms:

R	Result of unspiked laboratory sample used for matrix spike determination.
SP CONC (or Spike Conc.)	Spike concentration added to sample or blank
MS	Matrix Spike sample result
MSD	Matrix Spike Duplicate sample result
%MS	Percent recovery of MS: {(MS-R1) / SP CONC} x100
%MSD	Percent recovery of MSD: {(MSD-R1) / SP CONC} x 100
RPD (for MS/MSD)	Relative Percent Difference: {(MS-MSD) / (MS+MSD)} x 100 x 2
LCS	Laboratory Control Sample result
LCSD	Laboratory Control Sample Duplicate result
%LCS	Percent recovery of LCS: {(LCS) / SP CONC} x100
%LCSD	Percent recovery of LCSD: {(LCSD) / SP CONC} x 100
RPD (for LCS/LCSD)	Relative Percent Difference: {(LCS-LCSD) / (LCS+LCSD)} x 100 x 2
ACP %LCS	Acceptable percent recovery range for Laboratory Control Samples.
ACP %MS	Acceptable percent recovery range for Matrix Spike samples
ACP RPD	Acceptable Relative Percent Difference
D	Detectable, result must be greater than zero
Qual	A checked box indicates a data qualifier was utilized and/or required for this analyte see attached explanation.
ND	Analyte Not Detected

Analysis Request & Chain of Custody Record

ORANGE COAST ANALYTICAL, INC.
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4620 East Elwood Street, Suite 4
Phoenix, AZ 85040
AZ Phone: (480) 736-0960

Lab Job No.: OCAP1305 Page: 1 of 1

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Ninyo and Moore	Project Name:	
Send Report To:	echavez@ninyoandmoore.com	Project Number:	212797001
Email:		PO #:	
Address:	475 Goddard, Suite 200, Irvine, CA 92618	Address (City / State):	561 The City Dr. S.
		EDD Required:	Scribe EDD
Phone:	Fax:	Sampled By:	SML

ANALYSIS REQUEST / PRESERVATION

REQUESTED TURN-AROUND-TIME
Standard: X
3 Day:
2 Day:
1 Day:

Customer Sample IDs	No. of Containers	Sample Date	Sample Time	Sample Matrix	Container Type	Title 22 metals by EPA 6010	TPH-gasoline by EPA 8015B/8015C	VOCs by EPA 8260B/8260C	OCPs by EPA 8081A	PAHs by EPA 8270 SIM	PCBs by EPA 8082	REMARKS / INSTRUCTIONS
B-4-5	1+4	8/27/24	0755	SS	4 6in Sleeve 4 VOAs	X	X	X	X	X	X	
B-4-10			0800									
B-4-15			0803									
B-4-20			0806									
B-4-25			0809									

SML - 8/27/24

No. of Samples: 5 Method of Shipment: Preservative: 1 = Ice 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Relinquished By: [signature] Date: 8/27/24 Time: 1315 Company: Ninyo & Moore	Received By: Date: Time: Company:	Sample Matrix: GW - Groundwater, WW - Wastewater, SW - Stormwater, DW - Drinking Water, AQ - Aqueous, SS - Soil / Solid, OT - Other	
Relinquished By: Date: Time: Company:	Received By: Date: Time: Company:	Sample Integrity:	On Ice: Yes / No
Relinquished By: Date: Time: Company:	Received For OCA By: [signature] Date: 8/27/24 Time: 1315 Company: OCA	Therm. ID: #3 Intact: Yes / No	Observed Temp.: 5 °C Correction Factor: 0 °C Temperature: 5 °C

By signing above, client acknowledges responsibility for payment of all services requested on this chain of custody form and any additional services provided in support of this project. Payment is due within 30 days of invoice date unless otherwise agreed upon, in writing, by Orange Coast Analytical, Inc. All samples remain the property of the client. A disposal fee may be imposed if client fails to pickup samples upon completion of all analyses.

Sample Receipt Report

Laboratory Reference: **NAM OCAP1305** Logged in by: AV

Received:	08/27/24 13:15	Company Name:	Ninyo & Moore
Method of Shipment:	Hand Delivered	Project Manager:	Mr. Dennis Fee
Shipping Container:	Cooler	Project Name:	212797001
# Shipping Containers:	1	Project #:	

Sample Quantity
5 Soil

Chain of Custody		Complete ☑	Incomplete ☐	None ☐
Samples On Ice		Yes, Wet ☑	Yes, Blue ☐	No ☐
Observed Temp. (°C):	5	Thermometer ID:	Adjusted Temp.:	5
Shipping Intact		Yes ☑	N/A ☐	No ☐
Shipping Custody Seals Intact		Yes ☐	N/A ☑	No ☐
Samples Intact		Yes ☑		No ☐
Sample Custody Seals Intact		Yes ☐	N/A ☑	No ☐
Custody Seals Signed & Dated		Yes ☐	N/A ☑	No ☐
Proper Test Containers		Yes ☑		No ☐
Proper Test Preservations		Yes ☑		No ☐
Samples Within Hold Times		Yes ☑		No ☐
VOAs Have Zero Headspace		Yes ☐	N/A ☑	No ☐
Sample Labels		Complete ☑	Incomplete ☐	None ☐
Sample Information Matches COC		Yes ☑	N/A ☐	No ☐

Notes

IR# 3

Client Notified _____ By _____ On _____

JONES ENVIRONMENTAL, INC.

714-449-9937
562-646-1611

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

03 September 2024

Eduardo Chavez
Ninyo & Moore
475 Goddard, Suite 200
Irvine, CA 92618

Re: OCPW Workforce Reentry Center

Enclosed are the results of analyses for samples received by the laboratory on 08/28/24. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-5-5	J242509-001	Soil Vapor	08/28/2024 07:34	08/28/2024 05:30
SV-5-5 REP	J242509-002	Soil Vapor	08/28/2024 07:37	08/28/2024 05:30
SV-5-12	J242509-003	Soil Vapor	08/28/2024 07:52	08/28/2024 05:30
SV-3-5	J242509-004	Soil Vapor	08/28/2024 08:20	08/28/2024 05:30
SV-3-17	J242509-005	Soil Vapor	08/28/2024 08:26	08/28/2024 05:30
SV-1-5	J242509-006	Soil Vapor	08/28/2024 08:54	08/28/2024 05:30
SV-1-12	J242509-007	Soil Vapor	08/28/2024 09:01	08/28/2024 05:30
SV-7-5	J242509-008	Soil Vapor	08/28/2024 09:28	08/28/2024 05:30
SV-7-10	J242509-009	Soil Vapor	08/28/2024 09:43	08/28/2024 05:30
SV-8-5	J242509-010	Soil Vapor	08/28/2024 10:04	08/28/2024 05:30
SV-8-18.5	J242509-011	Soil Vapor	08/28/2024 10:17	08/28/2024 05:30
SV-8-18.5 REP	J242509-012	Soil Vapor	08/28/2024 10:22	08/28/2024 05:30
SV-6-5	J242509-013	Soil Vapor	08/28/2024 10:53	08/28/2024 05:30
SV-6-15	J242509-014	Soil Vapor	08/28/2024 11:09	08/28/2024 05:30
SV-4-5	J242509-015	Soil Vapor	08/28/2024 11:28	08/28/2024 05:30
SV-4-15	J242509-016	Soil Vapor	08/28/2024 11:32	08/28/2024 05:30
SV-2-5	J242509-017	Soil Vapor	08/28/2024 11:51	08/28/2024 05:30
SV-2-10	J242509-018	Soil Vapor	08/28/2024 12:07	08/28/2024 05:30

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

DETECTIONS SUMMARY

Sample ID: SV-5-5 **Laboratory ID:** J242509-001

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 11	0.047	0.016	µg/L	EPA 8260	
Freon 11	47	16	µg/m3	EPA 8260	
Tetrachloroethene	0.035	0.008	µg/L	EPA 8260	
Tetrachloroethene	35	8	µg/m3	EPA 8260	

Sample ID: SV-5-5 REP **Laboratory ID:** J242509-002

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 11	0.047	0.016	µg/L	EPA 8260	
Freon 11	47	16	µg/m3	EPA 8260	
Tetrachloroethene	0.029	0.008	µg/L	EPA 8260	
Tetrachloroethene	29	8	µg/m3	EPA 8260	

Sample ID: SV-5-12 **Laboratory ID:** J242509-003

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 11	0.041	0.016	µg/L	EPA 8260	
Freon 11	41	16	µg/m3	EPA 8260	
Tetrachloroethene	0.022	0.008	µg/L	EPA 8260	
Tetrachloroethene	22	8	µg/m3	EPA 8260	
Toluene	0.034	0.008	µg/L	EPA 8260	
Toluene	34	8	µg/m3	EPA 8260	

Sample ID: SV-3-5 **Laboratory ID:** J242509-004

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 11	0.030	0.016	µg/L	EPA 8260	
Freon 11	30	16	µg/m3	EPA 8260	
Tetrachloroethene	0.010	0.008	µg/L	EPA 8260	

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475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

DETECTIONS SUMMARY

Sample ID: SV-3-5 **Laboratory ID:** J242509-004

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	10	8	µg/m3	EPA 8260	
Toluene	0.008	0.008	µg/L	EPA 8260	
Toluene	8	8	µg/m3	EPA 8260	

Sample ID: SV-3-17 **Laboratory ID:** J242509-005

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	0.028	0.008	µg/L	EPA 8260	
Benzene	28	8	µg/m3	EPA 8260	
Freon 11	0.032	0.016	µg/L	EPA 8260	
Freon 11	32	16	µg/m3	EPA 8260	
Tetrachloroethene	0.018	0.008	µg/L	EPA 8260	
Tetrachloroethene	18	8	µg/m3	EPA 8260	
Toluene	0.079	0.008	µg/L	EPA 8260	
Toluene	79	8	µg/m3	EPA 8260	

Sample ID: SV-1-5 **Laboratory ID:** J242509-006

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 11	0.029	0.016	µg/L	EPA 8260	
Freon 11	29	16	µg/m3	EPA 8260	
Tetrachloroethene	0.073	0.008	µg/L	EPA 8260	
Tetrachloroethene	73	8	µg/m3	EPA 8260	
Toluene	0.012	0.008	µg/L	EPA 8260	
Toluene	12	8	µg/m3	EPA 8260	

Sample ID: SV-1-12 **Laboratory ID:** J242509-007

Analyte	Result	Reporting Limit	Units	Method	Notes

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475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

DETECTIONS SUMMARY

Sample ID: SV-1-12 **Laboratory ID:** J242509-007

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 11	0.024	0.016	µg/L	EPA 8260	
Freon 11	24	16	µg/m3	EPA 8260	
Tetrachloroethene	0.037	0.008	µg/L	EPA 8260	
Tetrachloroethene	37	8	µg/m3	EPA 8260	
Toluene	0.035	0.008	µg/L	EPA 8260	
Toluene	35	8	µg/m3	EPA 8260	

Sample ID: SV-7-5 **Laboratory ID:** J242509-008

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	0.016	0.008	µg/L	EPA 8260	
Tetrachloroethene	16	8	µg/m3	EPA 8260	
Toluene	0.013	0.008	µg/L	EPA 8260	
Toluene	13	8	µg/m3	EPA 8260	

Sample ID: SV-7-10 **Laboratory ID:** J242509-009

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	0.010	0.008	µg/L	EPA 8260	
Tetrachloroethene	10	8	µg/m3	EPA 8260	
Toluene	0.056	0.008	µg/L	EPA 8260	
Toluene	56	8	µg/m3	EPA 8260	

Sample ID: SV-8-5 **Laboratory ID:** J242509-010

No Results Detected



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475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

DETECTIONS SUMMARY

Sample ID: SV-8-18.5 **Laboratory ID:** J242509-011

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	0.032	0.008	µg/L	EPA 8260	
Toluene	32	8	µg/m3	EPA 8260	

Sample ID: SV-8-18.5 REP **Laboratory ID:** J242509-012

Analyte	Result	Reporting Limit	Units	Method	Notes
Toluene	0.030	0.008	µg/L	EPA 8260	
Toluene	30	8	µg/m3	EPA 8260	

Sample ID: SV-6-5 **Laboratory ID:** J242509-013

Analyte	Result	Reporting Limit	Units	Method	Notes
4-Isopropyltoluene	0.022	0.008	µg/L	EPA 8260	
4-Isopropyltoluene	22	8	µg/m3	EPA 8260	
Toluene	0.017	0.008	µg/L	EPA 8260	
Toluene	17	8	µg/m3	EPA 8260	

Sample ID: SV-6-15 **Laboratory ID:** J242509-014

Analyte	Result	Reporting Limit	Units	Method	Notes
4-Isopropyltoluene	0.034	0.008	µg/L	EPA 8260	
4-Isopropyltoluene	34	8	µg/m3	EPA 8260	
Toluene	0.044	0.008	µg/L	EPA 8260	
Toluene	44	8	µg/m3	EPA 8260	

Sample ID: SV-4-5 **Laboratory ID:** J242509-015

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 11	0.017	0.016	µg/L	EPA 8260	
Freon 11	17	16	µg/m3	EPA 8260	

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475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

DETECTIONS SUMMARY

Sample ID: SV-4-15 **Laboratory ID:** J242509-016

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 11	0.030	0.016	µg/L	EPA 8260	
Freon 11	30	16	µg/m3	EPA 8260	
Freon 12	0.025	0.016	µg/L	EPA 8260	
Freon 12	25	16	µg/m3	EPA 8260	
Toluene	0.055	0.008	µg/L	EPA 8260	
Toluene	55	8	µg/m3	EPA 8260	

Sample ID: SV-2-5 **Laboratory ID:** J242509-017

No Results Detected

Sample ID: SV-2-10 **Laboratory ID:** J242509-018

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 11	0.024	0.016	µg/L	EPA 8260	
Freon 11	24	16	µg/m3	EPA 8260	
tert-Butylalcohol	0.488	0.400	µg/L	EPA 8260	
tert-Butylalcohol	488	400	µg/m3	EPA 8260	
Toluene	0.033	0.008	µg/L	EPA 8260	
Toluene	33	8	µg/m3	EPA 8260	

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475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-5-5
J242509-001(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	0.047	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	0.035	0.008	µg/L	"	"	"	"	
Toluene	ND	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-5-5
J242509-001(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*97.99 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*85.26 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*91.82 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	47	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-5-5
J242509-001(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	35	8	µg/m3	"	"	"	"	
Toluene	ND	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*97.99 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*85.26 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*91.82 %*	*60 - 140*

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475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-5-5 REP
J242509-002(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	0.047	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	0.029	0.008	µg/L	"	"	"	"	
Toluene	ND	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-5-5 REP
J242509-002(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*98.17 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*94.36 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*90.83 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	47	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-5-5 REP
J242509-002(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	29	8	µg/m3	"	"	"	"	
Toluene	ND	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*98.17 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*94.36 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*90.83 %*	*60 - 140*

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Lab Director

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-5-12
J242509-003(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	0.041	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	0.022	0.008	µg/L	"	"	"	"	
Toluene	0.034	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-5-12
J242509-003(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*97.52 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*94.10 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*91.91 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	41	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-5-12
J242509-003(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	22	8	µg/m3	"	"	"	"	
Toluene	34	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*97.52 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*94.10 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*91.91 %*	*60 - 140*

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Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-3-5
J242509-004(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	0.030	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	0.010	0.008	µg/L	"	"	"	"	
Toluene	0.008	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-3-5
J242509-004(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*97.36 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*90.99 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*91.06 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	30	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-3-5
J242509-004(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	10	8	µg/m3	"	"	"	"	
Toluene	8	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*97.36 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*90.99 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*91.06 %*	*60 - 140*

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Lab Director

JONES ENVIRONMENTAL, INC.

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SANTA FE SPRINGS, CA 90670
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-3-17
J242509-005(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	0.028	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	0.032	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	0.018	0.008	µg/L	"	"	"	"	
Toluene	0.079	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-3-17
J242509-005(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*101.32 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*88.42 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*87.58 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	28	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	32	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-3-17
J242509-005(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	18	8	µg/m3	"	"	"	"	
Toluene	79	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*101.32 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*88.42 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*87.58 %*	*60 - 140*

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Lab Director

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SANTA FE SPRINGS, CA 90670
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-1-5
J242509-006(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	0.029	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	0.073	0.008	µg/L	"	"	"	"	
Toluene	0.012	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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SANTA FE SPRINGS, CA 90670
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-1-5
J242509-006(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*98.47 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*84.67 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*89.41 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	29	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-1-5
J242509-006(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	73	8	µg/m3	"	"	"	"	
Toluene	12	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*98.47 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*84.67 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*89.41 %*	*60 - 140*

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-1-12
J242509-007(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	0.024	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	0.037	0.008	µg/L	"	"	"	"	
Toluene	0.035	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-1-12
J242509-007(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*96.67 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*89.69 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*92.24 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	24	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-1-12
J242509-007(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	37	8	µg/m3	"	"	"	"	
Toluene	35	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*96.67 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*89.69 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*92.24 %*	*60 - 140*

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-7-5
J242509-008(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	ND	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	0.016	0.008	µg/L	"	"	"	"	
Toluene	0.013	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-7-5
J242509-008(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*97.10 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*87.35 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*90.61 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-7-5
J242509-008(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	16	8	µg/m3	"	"	"	"	
Toluene	13	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*97.10 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*87.35 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*90.61 %*	*60 - 140*

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-7-10
J242509-009(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	ND	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	0.010	0.008	µg/L	"	"	"	"	
Toluene	0.056	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-7-10
J242509-009(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*98.77 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*90.17 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*89.91 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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Lab Director

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SANTA FE SPRINGS, CA 90670
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-7-10
J242509-009(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	10	8	µg/m3	"	"	"	"	
Toluene	56	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*98.77 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*90.17 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*89.91 %*	*60 - 140*

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Colby Wakeman
Lab Director

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-8-5
J242509-010(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	ND	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	ND	0.008	µg/L	"	"	"	"	
Toluene	ND	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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Lab Director

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-8-5
J242509-010(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*96.55 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*83.86 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*91.44 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-8-5
J242509-010(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	ND	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*96.55 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*83.86 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*91.44 %*	*60 - 140*

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Lab Director

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SANTA FE SPRINGS, CA 90670
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-8-18.5
J242509-011(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	ND	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	ND	0.008	µg/L	"	"	"	"	
Toluene	0.032	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-8-18.5
J242509-011(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*96.97 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*86.89 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*90.10 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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Lab Director

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SANTA FE SPRINGS, CA 90670
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562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-8-18.5
J242509-011(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	32	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*96.97 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*86.89 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*90.10 %*	*60 - 140*

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SANTA FE SPRINGS, CA 90670
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-8-18.5 REP
J242509-012(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	ND	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	ND	0.008	µg/L	"	"	"	"	
Toluene	0.030	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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Lab Director

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SANTA FE SPRINGS, CA 90670
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-8-18.5 REP
J242509-012(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*98.13 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*93.86 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*90.09 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-8-18.5 REP
J242509-012(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	30	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*98.13 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*93.86 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*90.09 %*	*60 - 140*

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-6-5
J242509-013(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	ND	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	0.022	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	ND	0.008	µg/L	"	"	"	"	
Toluene	0.017	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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Lab Director

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-6-5
J242509-013(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*96.57 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*82.13 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*91.43 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-6-5
J242509-013(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	22	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	17	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*96.57 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*82.13 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*91.43 %*	*60 - 140*

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Lab Director

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SANTA FE SPRINGS, CA 90670
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-6-15
J242509-014(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	ND	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	0.034	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	ND	0.008	µg/L	"	"	"	"	
Toluene	0.044	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-6-15
J242509-014(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*100.72 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*82.44 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*90.56 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-6-15
J242509-014(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	34	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	44	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*100.72 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*82.44 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*90.56 %*	*60 - 140*

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Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-4-5
J242509-015(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	0.017	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	ND	0.008	µg/L	"	"	"	"	
Toluene	ND	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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SANTA FE SPRINGS, CA 90670
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562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-4-5
J242509-015(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*95.87 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*82.86 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*90.02 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	17	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-4-5
J242509-015(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	ND	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*95.87 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*82.86 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*90.02 %*	*60 - 140*

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SANTA FE SPRINGS, CA 90670
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-4-15
J242509-016(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	0.025	0.016	µg/L	"	"	"	"	
Freon 11	0.030	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	ND	0.008	µg/L	"	"	"	"	
Toluene	0.055	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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SANTA FE SPRINGS, CA 90670
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-4-15
J242509-016(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*99.59 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*87.61 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*88.21 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	25	16	µg/m3	"	"	"	"	
Freon 11	30	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-4-15
J242509-016(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	55	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*99.59 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*87.61 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*88.21 %*	*60 - 140*

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Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-2-5
J242509-017(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	ND	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	ND	0.008	µg/L	"	"	"	"	
Toluene	ND	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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SANTA FE SPRINGS, CA 90670
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-2-5
J242509-017(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	ND	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*99.46 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*92.61 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*88.79 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	ND	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-2-5
J242509-017(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	ND	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*99.46 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*92.61 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*88.79 %*	*60 - 140*

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Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-2-10
J242509-018(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Benzene	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	0.008	µg/L	"	"	"	"	
Bromoform	ND	0.008	µg/L	"	"	"	"	
n-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
sec-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
tert-Butylbenzene	ND	0.012	µg/L	"	"	"	"	
Carbon tetrachloride	ND	0.008	µg/L	"	"	"	"	
Chlorobenzene	ND	0.008	µg/L	"	"	"	"	
Chloroform	ND	0.008	µg/L	"	"	"	"	
Dibromochloromethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.008	µg/L	"	"	"	"	
1,2-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,3-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
1,4-Dichlorobenzene	ND	0.016	µg/L	"	"	"	"	
Freon 12	ND	0.016	µg/L	"	"	"	"	
Freon 11	0.024	0.016	µg/L	"	"	"	"	
Freon 113	ND	0.016	µg/L	"	"	"	"	
1,1-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,2-Dichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.008	µg/L	"	"	"	"	
Ethylbenzene	ND	0.008	µg/L	"	"	"	"	
Isopropylbenzene	ND	0.008	µg/L	"	"	"	"	
4-Isopropyltoluene	ND	0.008	µg/L	"	"	"	"	
Methylene chloride	ND	0.008	µg/L	"	"	"	"	
Naphthalene	ND	0.040	µg/L	"	"	"	"	
n-Propylbenzene	ND	0.008	µg/L	"	"	"	"	
Styrene	ND	0.008	µg/L	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L	"	"	"	"	
Tetrachloroethene	ND	0.008	µg/L	"	"	"	"	
Toluene	0.033	0.008	µg/L	"	"	"	"	
1,1,1-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
1,1,2-Trichloroethane	ND	0.008	µg/L	"	"	"	"	
Trichloroethene	ND	0.008	µg/L	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.008	µg/L	"	"	"	"	

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-2-10
J242509-018(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/L by EPA 8260								
Vinyl chloride	ND	0.008	µg/L	1	QC2408460	08/28/24	EPA 8260	
m,p-Xylene	ND	0.016	µg/L	"	"	"	"	
o-Xylene	ND	0.008	µg/L	"	"	"	"	
Methyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Ethyl-tert-butylether	ND	0.040	µg/L	"	"	"	"	
Di-isopropylether	ND	0.040	µg/L	"	"	"	"	
tert-amylmethylether	ND	0.040	µg/L	"	"	"	"	
tert-Butylalcohol	0.488	0.400	µg/L	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2	µg/L	"	"	"	"	
n-Hexane (LCC)	ND	0.080	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.080	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.080	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*98.54 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*82.96 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*90.25 %*	*60 - 140*						
Standard ug/m3 by EPA 8260								
Benzene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Bromodichloromethane	ND	8	µg/m3	"	"	"	"	
Bromoform	ND	8	µg/m3	"	"	"	"	
n-Butylbenzene	ND	12	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	12	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	12	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	8	µg/m3	"	"	"	"	
Chlorobenzene	ND	8	µg/m3	"	"	"	"	
Chloroform	ND	8	µg/m3	"	"	"	"	
Dibromochloromethane	ND	8	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	8	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	16	µg/m3	"	"	"	"	
Freon 12	ND	16	µg/m3	"	"	"	"	
Freon 11	24	16	µg/m3	"	"	"	"	
Freon 113	ND	16	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	8	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	8	µg/m3	"	"	"	"	

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

SV-2-10
J242509-018(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Standard ug/m3 by EPA 8260								
trans-1,2-Dichloroethene	ND	8	µg/m3	1	QC2408460	08/28/24	EPA 8260	
Ethylbenzene	ND	8	µg/m3	"	"	"	"	
Isopropylbenzene	ND	8	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	8	µg/m3	"	"	"	"	
Methylene chloride	ND	8	µg/m3	"	"	"	"	
Naphthalene	ND	40	µg/m3	"	"	"	"	
n-Propylbenzene	ND	8	µg/m3	"	"	"	"	
Styrene	ND	8	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	16	µg/m3	"	"	"	"	
Tetrachloroethene	ND	8	µg/m3	"	"	"	"	
Toluene	33	8	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	8	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	8	µg/m3	"	"	"	"	
Trichloroethene	ND	8	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	8	µg/m3	"	"	"	"	
Vinyl chloride	ND	8	µg/m3	"	"	"	"	
m,p-Xylene	ND	16	µg/m3	"	"	"	"	
o-Xylene	ND	8	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	40	µg/m3	"	"	"	"	
Di-isopropylether	ND	40	µg/m3	"	"	"	"	
tert-amylmethylether	ND	40	µg/m3	"	"	"	"	
tert-Butylalcohol	488	400	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	2000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	80	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	80	µg/m3	"	"	"	"	
Acetone (LCC)	ND	80	µg/m3	"	"	"	"	

Surrogate: Toluene-d8	*98.54 %*	*60 - 140*
Surrogate: Dibromofluoromethane	*82.96 %*	*60 - 140*
Surrogate: 4-Bromofluorobenzene	*90.25 %*	*60 - 140*

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

Standard ug/L by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2408460 - EPA 8260										
CCV 1										
Benzene	5.700	0.008	%	5		114	80 - 120		120	
Chlorobenzene	5.950	0.008	%	5		119	80 - 120		120	
1,1-Dichloroethene	4.440	0.008	%	5		89	80 - 120		120	
cis-1,2-Dichloroethene	5.500	0.008	%	5		110	80 - 120		120	
Ethylbenzene	5.800	0.008	%	5		116	80 - 120		120	
Tetrachloroethene	5.850	0.008	%	5		117	80 - 120		120	
Toluene	5.800	0.008	%	5		116	80 - 120		120	
1,1,1-Trichloroethane	4.320	0.008	%	5		86	80 - 120		120	
Trichloroethene	5.730	0.008	%	5		115	80 - 120		120	
1,2,4-Trimethylbenzene	5.930	0.008	%	5		119	80 - 120		120	
Vinyl chloride	4.400	0.008	%	5		88	80 - 120		120	
LCS 1										
Benzene	2.17	0.008	%	2.5		87	70 - 130			
Chlorobenzene	2.28	0.008	%	2.5		91	70 - 130			
1,1-Dichloroethene	1.75	0.008	%	2.5		70	60 - 140			
cis-1,2-Dichloroethene	2.05	0.008	%	2.5		82	70 - 130			
Ethylbenzene	2.02	0.008	%	2.5		81	70 - 130			
Tetrachloroethene	2.25	0.008	%	2.5		90	70 - 130			
Toluene	2.10	0.008	%	2.5		84	70 - 130			
1,1,1-Trichloroethane	1.77	0.008	%	2.5		71	70 - 130			
Trichloroethene	2.21	0.008	%	2.5		88	70 - 130			
1,2,4-Trimethylbenzene	1.94	0.008	%	2.5		77	70 - 130			
Vinyl chloride	1.74	0.008	%	2.5		69	60 - 140			
Surrogate: Toluene-d8		*96.72 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*92.53 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*92.49 %*	*60 - 140*							
LCSD 1										
Benzene	2.32	0.008	%	2.5		93		6.72		
Chlorobenzene	2.41	0.008	%	2.5		96		5.54		
1,1-Dichloroethene	1.73	0.008	%	2.5		69		1.37		
cis-1,2-Dichloroethene	2.13	0.008	%	2.5		85		3.57		
Ethylbenzene	2.26	0.008	%	2.5		90		10.98		
Tetrachloroethene	2.37	0.008	%	2.5		95		5.08		
Toluene	2.34	0.008	%	2.5		94		10.65		
1,1,1-Trichloroethane	1.78	0.008	%	2.5		71		0.79		

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

Standard ug/L by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2408460 - EPA 8260										
LCSD 1										
Trichloroethene	2.44	0.008	%	2.5		98		10.01		
1,2,4-Trimethylbenzene	2.10	0.008	%	2.5		84		8.32		
Vinyl chloride	1.78	0.008	%	2.5		71		2.63		
Surrogate: Toluene-d8		*97.59 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*86.81 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*92.04 %*	*60 - 140*							
Method Blank 1										
Methylene chloride	ND		µg/L							
Benzene	ND	0.008	µg/L							
Bromodichloromethane	ND	0.008	µg/L							
Bromoform	ND	0.008	µg/L							
n-Butylbenzene	ND	0.012	µg/L							
sec-Butylbenzene	ND	0.012	µg/L							
tert-Butylbenzene	ND	0.012	µg/L							
Carbon tetrachloride	ND	0.008	µg/L							
Chlorobenzene	ND	0.008	µg/L							
Chloroform	ND	0.008	µg/L							
Dibromochloromethane	ND	0.008	µg/L							
1,2-Dibromoethane (EDB)	ND	0.008	µg/L							
1,2-Dichlorobenzene	ND	0.016	µg/L							
1,3-Dichlorobenzene	ND	0.016	µg/L							
1,4-Dichlorobenzene	ND	0.016	µg/L							
Freon 12	ND	0.026	µg/L							
Freon 11	ND	0.016	µg/L							
Freon 113	ND	0.016	µg/L							
1,1-Dichloroethane	ND	0.008	µg/L							
1,2-Dichloroethane	ND	0.008	µg/L							
1,1-Dichloroethene	ND	0.008	µg/L							
cis-1,2-Dichloroethene	ND	0.008	µg/L							
trans-1,2-Dichloroethene	ND	0.008	µg/L							
Ethylbenzene	ND	0.008	µg/L							
Isopropylbenzene	ND	0.008	µg/L							
4-Isopropyltoluene	ND	0.008	µg/L							
Naphthalene	ND	0.040	µg/L							
n-Propylbenzene	ND	0.008	µg/L							

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Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

Standard ug/L by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2408460 - EPA 8260										
Method Blank 1										
Styrene	ND	0.008	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L							
Tetrachloroethene	ND	0.008	µg/L							
Toluene	ND	0.008	µg/L							
1,1,1-Trichloroethane	ND	0.008	µg/L							
1,1,2-Trichloroethane	ND	0.008	µg/L							
Trichloroethene	ND	0.008	µg/L							
1,2,4-Trimethylbenzene	ND	0.008	µg/L							
1,3,5-Trimethylbenzene	ND	0.008	µg/L							
Vinyl chloride	ND	0.008	µg/L							
m,p-Xylene	ND	0.016	µg/L							
o-Xylene	ND	0.008	µg/L							
Methyl-tert-butylether	ND	0.040	µg/L							
Ethyl-tert-butylether	ND	0.040	µg/L							
Di-isopropylether	ND	0.040	µg/L							
tert-amylmethylether	ND	0.040	µg/L							
tert-Butylalcohol	ND	0.400	µg/L							
Gasoline Range Organics (C4-C12)	ND	2	µg/L							
n-Hexane (LCC)	ND	0.080	µg/L							
n-Pentane (LCC)	ND	0.080	µg/L							
Acetone (LCC)	ND	0.080	µg/L							
Surrogate: Toluene-d8		*99.18 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*88.17 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*90.26 %*	*60 - 140*							
Sample Blank 1										
Methylene chloride	ND		µg/L							
Benzene	ND	0.008	µg/L							
Bromodichloromethane	ND	0.008	µg/L							
Bromoform	ND	0.008	µg/L							
n-Butylbenzene	ND	0.012	µg/L							
sec-Butylbenzene	ND	0.012	µg/L							
tert-Butylbenzene	ND	0.012	µg/L							
Carbon tetrachloride	ND	0.008	µg/L							
Chlorobenzene	ND	0.008	µg/L							

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Lab Director

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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

Standard ug/L by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2408460 - EPA 8260										
Sample Blank 1										
Chloroform	ND	0.008	µg/L							
Dibromochloromethane	ND	0.008	µg/L							
1,2-Dibromoethane (EDB)	ND	0.008	µg/L							
1,2-Dichlorobenzene	ND	0.016	µg/L							
1,3-Dichlorobenzene	ND	0.016	µg/L							
1,4-Dichlorobenzene	ND	0.016	µg/L							
Freon 12	ND	0.026	µg/L							
Freon 11	ND	0.016	µg/L							
Freon 113	ND	0.016	µg/L							
1,1-Dichloroethane	ND	0.008	µg/L							
1,2-Dichloroethane	ND	0.008	µg/L							
1,1-Dichloroethene	ND	0.008	µg/L							
cis-1,2-Dichloroethene	ND	0.008	µg/L							
trans-1,2-Dichloroethene	ND	0.008	µg/L							
Ethylbenzene	ND	0.008	µg/L							
Isopropylbenzene	ND	0.008	µg/L							
4-Isopropyltoluene	ND	0.008	µg/L							
Naphthalene	ND	0.040	µg/L							
n-Propylbenzene	ND	0.008	µg/L							
Styrene	ND	0.008	µg/L							
1,1,1,2-Tetrachloroethane	ND	0.008	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.016	µg/L							
Tetrachloroethene	ND	0.008	µg/L							
Toluene	ND	0.008	µg/L							
1,1,1-Trichloroethane	ND	0.008	µg/L							
1,1,2-Trichloroethane	ND	0.008	µg/L							
Trichloroethene	ND	0.008	µg/L							
1,2,4-Trimethylbenzene	ND	0.008	µg/L							
1,3,5-Trimethylbenzene	ND	0.008	µg/L							
Vinyl chloride	ND	0.008	µg/L							
m,p-Xylene	ND	0.016	µg/L							
o-Xylene	ND	0.008	µg/L							
Methyl-tert-butylether	ND	0.040	µg/L							
Ethyl-tert-butylether	ND	0.040	µg/L							
Di-isopropylether	ND	0.040	µg/L							
tert-amylmethylether	ND	0.040	µg/L							
tert-Butylalcohol	ND	0.400	µg/L							

Jones Environmental, Inc.



Colby Wakeman
Lab Director

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

Standard ug/L by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2408460 - EPA 8260										
Sample Blank 1										
Gasoline Range Organics (C4-C12)	ND	2	µg/L							
n-Hexane (LCC)	ND	0.080	µg/L							
n-Pentane (LCC)	ND	0.080	µg/L							
Acetone (LCC)	ND	0.080	µg/L							
Surrogate: Toluene-d8		*98.43 %*					*60 - 140*			
Surrogate: Dibromofluoromethane		*89.04 %*					*60 - 140*			
Surrogate: 4-Bromofluorobenzene		*93.02 %*					*60 - 140*			

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	09/03/24 10:16

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
E	Estimated Concentration; concentration exceeds calibration range.
LCC	Leak Check Compound
MDL	Compound Reported to Method Detection Limit
1	Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was accepted.
SMSR	Sample matrix prevented adequate surrogate recovery.
J	Value less then PQL but greater than MDL.
HHSR	High hydrocarbon concentration in this sample prevented adequate surrogate recovery.
SMTAR	Sample matrix prevented adequate recovery of target analytes.
OV	Sample was filtered in the lab before extraction.
HHTAR	High hydrocarbon concentration prevented in-range recovery of target analytes.
IHRPD	Target analyte recoveries were outside of range but accepted due to passing RPDs
AROL	Target analyte recovery exceeded recovery range but was accepted due to ND of that analyte in MB and sample(s).
ISO-H	Isomers could not be sufficiently chromatographically resolved according to method requirements due to hydrocarbon interference or other matrix effects. The isomers' reported individual concentrations were each calculated as the average of each of the individual isomers' concentrations.
2	Recovery outside of acceptable limits for either LCS or LCSD. CCV and LCS or LCSD recoveries were within limits; therefore data was accepted.
3	RPD outside of acceptable limits. Target analyte recoveries were within QC limits; therefore, data was accepted.
4	LCS and/or LCSD recoveries exceeded acceptability ranges. Target analyte recoveries were accepted due to passing CCV, in-range LCS/LCSD RPDs, and a clean MB in which all target analytes were < RL.
SMTAR	Sample matrix prevented adequate recovery of target analytes.
RV	Surrogate recovery outside of control limits due to required dilution.
ASP	Hydrocarbons in this sample most closely resemble asphalt.
@	Surrogate is outside acceptable limits. All other QC parameters in control, therefore data was accepted.

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Lab Director

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Soil-Gas Chain-of-Custody Record

Client: Ninyo & Moore
Project Name: OCPW Workforce Reentry Center
Project Address: 561 The City Drive S, Orange, CA
Email: echavez@ninyoandmoore.com
Phone: (949) 753-7070
Report To: Eduardo Chavez
Sampler: Madison Jones

Date: 8/28/2024
Client Project #: 212797001

Purge Number: ☐ 1P ☒ 3P ☐ 7P ☐ 10P
Shut-In Test: (Y) / N

Report Options: EDD ____ EDF* - 10% Surcharge____ *Global ID _____

Turn Around Requested: ☐ Immediate Attention ☐ Rush 24 Hours ☐ Rush 48 Hours ☐ Rush 72 Hours ☐ Normal ☒ Mobile Lab

Tracer: ☒ n-pentane ☒ n-hexane ☐ n-propanol ☐ Isopropyl Alchohol ☐ 1,1-DFA ☒ acetone

Reporting Limits: ☒ Standard ☐ Low Level* ☐ MDL* *surcharge for these limits

Units: µg/m³

LAB USE ONLY
Jones Project #: J242509
Page 1 of 2
Sample Container: GASTIGHT GLASS SYRINGE
If different than above, see Notes.

Analysis Requested

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics			Magnehelic Vacuum (In/H_2O)	Number of Containers	Notes & Special Instructions
SV-5-5	3	1860	8/28/24	7:34	7:34	J242509-001	200	jackson.1	M100.007	SG	X	X			<2	1	
SV-5-5 REP	-	-	8/28/24	7:37	7:49	J242509-002	-	-	M100.007	SG	X	X			<2	1	
SV-5-12	3	1980	8/28/24	7:52	8:06	J242509-003	200	zarak	M100.302	SG	X	X			<2	1	
SV-3-5	3	1860	8/28/24	8:20	8:23	J242509-004	200	jackson.1	M100.007	SG	X	X			<2	1	
SV-3-17	3	2060	8/28/24	8:26	8:39	J242509-005	200	zarak	M100.302	SG	X	X			12	1	
SV-1-5	3	1860	8/28/24	8:54	8:56	J242509-006	200	jackson.1	M100.007	SG	X	X			<2	1	
SV-1-12	3	1980	8/28/24	9:01	9:12	J242509-007	200	zarak	M100.302	SG	X	X			<2	1	
SV-7-5	3	1860	8/28/24	9:28	9:29	J242509-008	200	jackson.1	M100.007	SG	X	X			<2	1	
SV-7-10	3	1940	8/28/24	9:43	9:46	J242509-009	100	zarak	M100.302	SG	X	X			40	1	
SV-8-5	3	1860	8/28/24	10:04	10:04	J242509-010	200	jackson.1	M100.007	SG	X	X			<2	1	

Representative Signature	Printed Name	Laboratory Signature	Printed Name		
	Jonathan Sachrison		Madison Jones	10	Total Number of Containers
Company	**Date** / **Time**	**Company**	**Date** / **Time**		
Ninyo & Moore	8/28/2024 1231	JONES ENVIRONMENTAL, INC.	8/28/2024 1231		
Representative Signature	**Printed Name**	**Laboratory Signature**	**Printed Name**		
Company	**Date** / **Time**	**Company**	**Date** / **Time**		

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been requested, and the information provided herein is correct and accurate.

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Soil-Gas Chain-of-Custody Record

Client: Ninyo & Moore
Project Name: OCPW Workforce Reentry Center
Project Address: 561 The City Drive S, Orange, CA
Email:
Phone:
Report To: Eduardo Chavez
Sampler: Madison Jones

Date: 8/28/2024
Client Project #: 212797001

Purge Number: □ 1P ☒ 3P □ 7P □ 10P
Shut-In Test: (Y) / N

Report Options: EDD ____ EDF* - 10% Surcharge____ *Global ID _____

Turn Around Requested:
- □ Immediate Attention
- □ Rush 24 Hours
- □ Rush 48 Hours
- □ Rush 72 Hours
- □ Normal
- ☒ Mobile Lab

Tracer:
- ☒ n-pentane
- ☒ n-hexane
- □ n-propanol
- □ Isopropyl Alchohol
- □ 1,1-DFA
- ☒ acetone

Reporting Limits: ☒ Standard □ Low Level* □ MDL* (*surcharge for these limits)
Units: ug/M3

LAB USE ONLY
Jones Project #: J242509

Page 2 of 2

Sample Container: GASTIGHT GLASS SYRINGE
If different than above, see Notes.

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	Gasoline Range Organics			Magnehelic Vacuum (In/H_2O)	Number of Containers	Notes & Special Instructions
SV-8-18.5	3	2090	8/28/24	10:17	10:19	J242509-011	200	zarak	M100.302	SG	X	X			<2	1	
SV-8-18.5 REP	-	-	8/28/24	10:22	10:36	J242509-012	-	-	M100.007	SG	X	X			<2	1	
SV-6-5	3	1860	8/28/24	10:53	10:54	J242509-013	200	zarak	M100.302	SG	X	X			<2	1	
SV-6-15	3	2030	8/28/24	11:09	11:10	J242509-014	200	jackson.1	M100.007	SG	X	X			18	1	
SV-4-5	3	1860	8/28/24	11:28	11:29	J242509-015	200	zarak	M100.302	SG	X	X			<2	1	
SV-4-15	3	2030	8/28/24	11:32	11:44	J242509-016	200	jackson.1	M100.007	SG	X	X			<2	1	
SV-2-5	3	1860	8/28/24	11:51	12:01	J242509-017	200	zarak	M100.302	SG	X	X			<2	1	
SV-2-10	3	1940	8/28/24	12:07	12:17	J242509-018	200	jackson.1	M100.007	SG	X	X			<2	1	

Representative Signature	Printed Name: Jonathan Sachrison	Laboratory Signature	Printed Name: Madison Jones
Company: Ninyo & Moore	Date: 8/28/2024 Time: 1231	Company: JONES ENVIRONMENTAL, INC.	Date: 8/28/2024 Time: 1231
Representative Signature	Printed Name	Laboratory Signature	Printed Name
Company	Date Time	Company	Date Time

8 Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

JONES
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WWW.JONESENV.COM

21 January 2025

Eduardo Chavez
Ninyo & Moore
475 Goddard, Suite 200
Irvine, CA 92618

Re: OCPW Workforce Reentry Center

Enclosed are the results of analyses for samples received by the laboratory on 01/15/25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-5-5	J250123-001	Soil Vapor	01/15/2025 08:42	01/15/2025 07:04
SV-5-15	J250123-002	Soil Vapor	01/15/2025 08:47	01/15/2025 07:04
SV-12-5	J250123-003	Soil Vapor	01/15/2025 09:12	01/15/2025 07:04
SV-12-5 REP	J250123-004	Soil Vapor	01/15/2025 09:17	01/15/2025 07:04
SV-12-12	J250123-005	Soil Vapor	01/15/2025 09:36	01/15/2025 07:04
SV-7-5	J250123-006	Soil Vapor	01/15/2025 10:03	01/15/2025 07:04
SV-7-10	J250123-007	Soil Vapor	01/15/2025 10:15	01/15/2025 07:04
SV-8-5	J250123-008	Soil Vapor	01/15/2025 10:37	01/15/2025 07:04
SV-8-18.5	J250123-009	Soil Vapor	01/15/2025 10:45	01/15/2025 07:04
SV-11-5	J250123-010	Soil Vapor	01/15/2025 11:10	01/15/2025 07:04
SV-11-14	J250123-011	Soil Vapor	01/15/2025 11:22	01/15/2025 07:04
SV-3-5	J250123-012	Soil Vapor	01/15/2025 11:47	01/15/2025 07:04
SV-3-5 REP	J250123-013	Soil Vapor	01/15/2025 11:51	01/15/2025 07:04
SV-3-17	J250123-014	Soil Vapor	01/15/2025 12:13	01/15/2025 07:04
SV-10-5	J250123-015	Soil Vapor	01/15/2025 12:31	01/15/2025 07:04
SV-10-15	J250123-016	Soil Vapor	01/15/2025 12:47	01/15/2025 07:04
SV-9-5	J250123-017	Soil Vapor	01/15/2025 13:08	01/15/2025 07:04
SV-9-12	J250123-018	Soil Vapor	01/15/2025 13:17	01/15/2025 07:04
SV-1-5	J250123-019	Soil Vapor	01/15/2025 13:45	01/15/2025 07:04
SV-1-12	J250123-020	Soil Vapor	01/15/2025 13:51	01/15/2025 07:04



Colby Wakeman
Lab Director

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

DETECTIONS SUMMARY

Sample ID: SV-5-5 **Laboratory ID:** J250123-001

No Results Detected

Sample ID: SV-5-15 **Laboratory ID:** J250123-002

No Results Detected

Sample ID: SV-12-5 **Laboratory ID:** J250123-003

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	9	4	µg/m3	EPA 8260	

Sample ID: SV-12-5 REP **Laboratory ID:** J250123-004

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	9	4	µg/m3	EPA 8260	

Sample ID: SV-12-12 **Laboratory ID:** J250123-005

Analyte	Result	Reporting Limit	Units	Method	Notes
Tetrachloroethene	8	4	µg/m3	EPA 8260	
Toluene	5	4	µg/m3	EPA 8260	

Sample ID: SV-7-5 **Laboratory ID:** J250123-006

No Results Detected

Sample ID: SV-7-10 **Laboratory ID:** J250123-007

No Results Detected

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

DETECTIONS SUMMARY

Sample ID: SV-8-5 **Laboratory ID:** J250123-008

No Results Detected

Sample ID: SV-8-18.5 **Laboratory ID:** J250123-009

No Results Detected

Sample ID: SV-11-5 **Laboratory ID:** J250123-010

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 11	159	8	µg/m3	EPA 8260	
Freon 12	23	8	µg/m3	EPA 8260	

Sample ID: SV-11-14 **Laboratory ID:** J250123-011

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	8	3	µg/m3	EPA 8260	
Freon 11	292	8	µg/m3	EPA 8260	
Freon 12	42	8	µg/m3	EPA 8260	
Toluene	17	4	µg/m3	EPA 8260	

Sample ID: SV-3-5 **Laboratory ID:** J250123-012

No Results Detected

Sample ID: SV-3-5 REP **Laboratory ID:** J250123-013

No Results Detected



Colby Wakeman
Lab Director

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

DETECTIONS SUMMARY

Sample ID: SV-3-17 **Laboratory ID:** J250123-014

No Results Detected

Sample ID: SV-10-5 **Laboratory ID:** J250123-015

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 11	15	8	µg/m3	EPA 8260	

Sample ID: SV-10-15 **Laboratory ID:** J250123-016

Analyte	Result	Reporting Limit	Units	Method	Notes
Freon 11	26	8	µg/m3	EPA 8260	
Toluene	16	4	µg/m3	EPA 8260	

Sample ID: SV-9-5 **Laboratory ID:** J250123-017

No Results Detected

Sample ID: SV-9-12 **Laboratory ID:** J250123-018

Analyte	Result	Reporting Limit	Units	Method	Notes
4-Isopropyltoluene	4	4	µg/m3	EPA 8260	
Ethylbenzene	4	4	µg/m3	EPA 8260	
tert-Butylalcohol	535	200	µg/m3	EPA 8260	
Tetrachloroethene	55	4	µg/m3	EPA 8260	
Toluene	11	4	µg/m3	EPA 8260	

Sample ID: SV-1-5 **Laboratory ID:** J250123-019

No Results Detected

JONES ENVIRONMENTAL, INC.

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

DETECTIONS SUMMARY

Sample ID: SV-1-12 **Laboratory ID:** J250123-020

No Results Detected

JONES ENVIRONMENTAL, INC.

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-5-5
J250123-001(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.10 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*94.14 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*91.53 %*	*60 - 140*						

Jones Environmental, Inc.

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-5-15
J250123-002(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.46 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*106.41 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*92.66 %*	*60 - 140*						

Jones Environmental, Inc.

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-12-5
J250123-003(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
Bromodichloromethane	ND	4	µg/m3	"	"	"	"	
Bromoform	ND	4	µg/m3	"	"	"	"	
n-Butylbenzene	ND	6	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	6	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	6	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	4	µg/m3	"	"	"	"	
Chlorobenzene	ND	4	µg/m3	"	"	"	"	
Chloroform	ND	4	µg/m3	"	"	"	"	
Dibromochloromethane	ND	4	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	4	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
Freon 12	ND	8	µg/m3	"	"	"	"	
Freon 11	ND	8	µg/m3	"	"	"	"	
Freon 113	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	4	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
Ethylbenzene	ND	4	µg/m3	"	"	"	"	
Isopropylbenzene	ND	4	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	4	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	4	µg/m3	"	"	"	"	
Naphthalene	ND	20	µg/m3	"	"	"	"	
n-Propylbenzene	ND	4	µg/m3	"	"	"	"	
Styrene	ND	4	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5	µg/m3	"	"	"	"	
Tetrachloroethene	9	4	µg/m3	"	"	"	"	
Toluene	ND	4	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	4	µg/m3	"	"	"	"	
Trichloroethene	ND	4	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-12-5
J250123-003(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Vinyl chloride	ND	4	µg/m3	1	QC2501242	01/15/25	EPA 8260	
m,p-Xylene	ND	8	µg/m3	"	"	"	"	
o-Xylene	ND	4	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Di-isopropylether	ND	20	µg/m3	"	"	"	"	
tert-amylmethylether	ND	20	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	200	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*101.17 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*104.21 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*91.81 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-12-5 REP
J250123-004(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
Bromodichloromethane	ND	4	µg/m3	"	"	"	"	
Bromoform	ND	4	µg/m3	"	"	"	"	
n-Butylbenzene	ND	6	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	6	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	6	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	4	µg/m3	"	"	"	"	
Chlorobenzene	ND	4	µg/m3	"	"	"	"	
Chloroform	ND	4	µg/m3	"	"	"	"	
Dibromochloromethane	ND	4	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	4	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
Freon 12	ND	8	µg/m3	"	"	"	"	
Freon 11	ND	8	µg/m3	"	"	"	"	
Freon 113	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	4	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
Ethylbenzene	ND	4	µg/m3	"	"	"	"	
Isopropylbenzene	ND	4	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	4	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	4	µg/m3	"	"	"	"	
Naphthalene	ND	20	µg/m3	"	"	"	"	
n-Propylbenzene	ND	4	µg/m3	"	"	"	"	
Styrene	ND	4	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5	µg/m3	"	"	"	"	
Tetrachloroethene	9	4	µg/m3	"	"	"	"	
Toluene	ND	4	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	4	µg/m3	"	"	"	"	
Trichloroethene	ND	4	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-12-5 REP
J250123-004(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Vinyl chloride	ND	4	µg/m3	1	QC2501242	01/15/25	EPA 8260	
m,p-Xylene	ND	8	µg/m3	"	"	"	"	
o-Xylene	ND	4	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Di-isopropylether	ND	20	µg/m3	"	"	"	"	
tert-amylmethylether	ND	20	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	200	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*102.18 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*103.04 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*93.06 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-12-12
J250123-005(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
Bromodichloromethane	ND	4	µg/m3	"	"	"	"	
Bromoform	ND	4	µg/m3	"	"	"	"	
n-Butylbenzene	ND	6	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	6	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	6	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	4	µg/m3	"	"	"	"	
Chlorobenzene	ND	4	µg/m3	"	"	"	"	
Chloroform	ND	4	µg/m3	"	"	"	"	
Dibromochloromethane	ND	4	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	4	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
Freon 12	ND	8	µg/m3	"	"	"	"	
Freon 11	ND	8	µg/m3	"	"	"	"	
Freon 113	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	4	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
Ethylbenzene	ND	4	µg/m3	"	"	"	"	
Isopropylbenzene	ND	4	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	4	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	4	µg/m3	"	"	"	"	
Naphthalene	ND	20	µg/m3	"	"	"	"	
n-Propylbenzene	ND	4	µg/m3	"	"	"	"	
Styrene	ND	4	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5	µg/m3	"	"	"	"	
Tetrachloroethene	8	4	µg/m3	"	"	"	"	
Toluene	5	4	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	4	µg/m3	"	"	"	"	
Trichloroethene	ND	4	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	

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475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-12-12
J250123-005(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Vinyl chloride	ND	4	µg/m3	1	QC2501242	01/15/25	EPA 8260	
m,p-Xylene	ND	8	µg/m3	"	"	"	"	
o-Xylene	ND	4	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Di-isopropylether	ND	20	µg/m3	"	"	"	"	
tert-amylmethylether	ND	20	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	200	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*99.88 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*104.65 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*91.47 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-7-5
J250123-006(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.47 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*104.60 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*93.15 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-7-10
J250123-007(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*101.10 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*104.87 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*94.34 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-8-5
J250123-008(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*99.53 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*102.96 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*92.92 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-8-18.5
J250123-009(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.38 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*106.55 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*92.87 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-11-5
J250123-010(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
Bromodichloromethane	ND	4	µg/m3	"	"	"	"	
Bromoform	ND	4	µg/m3	"	"	"	"	
n-Butylbenzene	ND	6	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	6	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	6	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	4	µg/m3	"	"	"	"	
Chlorobenzene	ND	4	µg/m3	"	"	"	"	
Chloroform	ND	4	µg/m3	"	"	"	"	
Dibromochloromethane	ND	4	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	4	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
Freon 12	23	8	µg/m3	"	"	"	"	
Freon 11	159	8	µg/m3	"	"	"	"	
Freon 113	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	4	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
Ethylbenzene	ND	4	µg/m3	"	"	"	"	
Isopropylbenzene	ND	4	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	4	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	4	µg/m3	"	"	"	"	
Naphthalene	ND	20	µg/m3	"	"	"	"	
n-Propylbenzene	ND	4	µg/m3	"	"	"	"	
Styrene	ND	4	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5	µg/m3	"	"	"	"	
Tetrachloroethene	ND	4	µg/m3	"	"	"	"	
Toluene	ND	4	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	4	µg/m3	"	"	"	"	
Trichloroethene	ND	4	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-11-5
J250123-010(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Vinyl chloride	ND	4	µg/m3	1	QC2501242	01/15/25	EPA 8260	
m,p-Xylene	ND	8	µg/m3	"	"	"	"	
o-Xylene	ND	4	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Di-isopropylether	ND	20	µg/m3	"	"	"	"	
tert-amylmethylether	ND	20	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	200	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.11 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*105.08 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*93.70 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-11-14
J250123-011(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	8	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
Bromodichloromethane	ND	4	µg/m3	"	"	"	"	
Bromoform	ND	4	µg/m3	"	"	"	"	
n-Butylbenzene	ND	6	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	6	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	6	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	4	µg/m3	"	"	"	"	
Chlorobenzene	ND	4	µg/m3	"	"	"	"	
Chloroform	ND	4	µg/m3	"	"	"	"	
Dibromochloromethane	ND	4	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	4	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
Freon 12	42	8	µg/m3	"	"	"	"	
Freon 11	292	8	µg/m3	"	"	"	"	
Freon 113	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	4	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
Ethylbenzene	ND	4	µg/m3	"	"	"	"	
Isopropylbenzene	ND	4	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	4	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	4	µg/m3	"	"	"	"	
Naphthalene	ND	20	µg/m3	"	"	"	"	
n-Propylbenzene	ND	4	µg/m3	"	"	"	"	
Styrene	ND	4	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5	µg/m3	"	"	"	"	
Tetrachloroethene	ND	4	µg/m3	"	"	"	"	
Toluene	17	4	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	4	µg/m3	"	"	"	"	
Trichloroethene	ND	4	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-11-14
J250123-011(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Vinyl chloride	ND	4	µg/m3	1	QC2501242	01/15/25	EPA 8260	
m,p-Xylene	ND	8	µg/m3	"	"	"	"	
o-Xylene	ND	4	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Di-isopropylether	ND	20	µg/m3	"	"	"	"	
tert-amylmethylether	ND	20	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	200	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*99.00 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*105.79 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*92.99 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-3-5
J250123-012(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.95 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*105.11 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*92.87 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-3-5 REP
J250123-013(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.70 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*106.76 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*92.00 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-3-17
J250123-014(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*99.76 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*105.91 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*91.88 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-10-5
J250123-015(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
Bromodichloromethane	ND	4	µg/m3	"	"	"	"	
Bromoform	ND	4	µg/m3	"	"	"	"	
n-Butylbenzene	ND	6	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	6	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	6	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	4	µg/m3	"	"	"	"	
Chlorobenzene	ND	4	µg/m3	"	"	"	"	
Chloroform	ND	4	µg/m3	"	"	"	"	
Dibromochloromethane	ND	4	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	4	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
Freon 12	ND	8	µg/m3	"	"	"	"	
Freon 11	15	8	µg/m3	"	"	"	"	
Freon 113	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	4	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
Ethylbenzene	ND	4	µg/m3	"	"	"	"	
Isopropylbenzene	ND	4	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	4	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	4	µg/m3	"	"	"	"	
Naphthalene	ND	20	µg/m3	"	"	"	"	
n-Propylbenzene	ND	4	µg/m3	"	"	"	"	
Styrene	ND	4	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5	µg/m3	"	"	"	"	
Tetrachloroethene	ND	4	µg/m3	"	"	"	"	
Toluene	ND	4	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	4	µg/m3	"	"	"	"	
Trichloroethene	ND	4	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-10-5
J250123-015(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Vinyl chloride	ND	4	µg/m3	1	QC2501242	01/15/25	EPA 8260	
m,p-Xylene	ND	8	µg/m3	"	"	"	"	
o-Xylene	ND	4	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Di-isopropylether	ND	20	µg/m3	"	"	"	"	
tert-amylmethylether	ND	20	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	200	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.26 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*105.58 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*93.74 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-10-15
J250123-016(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
Bromodichloromethane	ND	4	µg/m3	"	"	"	"	
Bromoform	ND	4	µg/m3	"	"	"	"	
n-Butylbenzene	ND	6	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	6	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	6	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	4	µg/m3	"	"	"	"	
Chlorobenzene	ND	4	µg/m3	"	"	"	"	
Chloroform	ND	4	µg/m3	"	"	"	"	
Dibromochloromethane	ND	4	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	4	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
Freon 12	ND	8	µg/m3	"	"	"	"	
Freon 11	26	8	µg/m3	"	"	"	"	
Freon 113	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	4	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
Ethylbenzene	ND	4	µg/m3	"	"	"	"	
Isopropylbenzene	ND	4	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	4	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	4	µg/m3	"	"	"	"	
Naphthalene	ND	20	µg/m3	"	"	"	"	
n-Propylbenzene	ND	4	µg/m3	"	"	"	"	
Styrene	ND	4	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5	µg/m3	"	"	"	"	
Tetrachloroethene	ND	4	µg/m3	"	"	"	"	
Toluene	16	4	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	4	µg/m3	"	"	"	"	
Trichloroethene	ND	4	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-10-15
J250123-016(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Vinyl chloride	ND	4	µg/m3	1	QC2501242	01/15/25	EPA 8260	
m,p-Xylene	ND	8	µg/m3	"	"	"	"	
o-Xylene	ND	4	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Di-isopropylether	ND	20	µg/m3	"	"	"	"	
tert-amylmethylether	ND	20	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	200	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*99.09 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*103.77 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*93.17 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-9-5
J250123-017(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
Bromodichloromethane	ND	4	µg/m3	"	"	"	"	
Bromoform	ND	4	µg/m3	"	"	"	"	
n-Butylbenzene	ND	6	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	6	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	6	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	4	µg/m3	"	"	"	"	
Chlorobenzene	ND	4	µg/m3	"	"	"	"	
Chloroform	ND	4	µg/m3	"	"	"	"	
Dibromochloromethane	ND	4	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	4	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
Freon 12	ND	8	µg/m3	"	"	"	"	
Freon 11	ND	8	µg/m3	"	"	"	"	
Freon 113	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	4	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
Ethylbenzene	ND	4	µg/m3	"	"	"	"	
Isopropylbenzene	ND	4	µg/m3	"	"	"	"	
4-Isopropyltoluene	ND	4	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	4	µg/m3	"	"	"	"	
Naphthalene	ND	20	µg/m3	"	"	"	"	
n-Propylbenzene	ND	4	µg/m3	"	"	"	"	
Styrene	ND	4	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5	µg/m3	"	"	"	"	
Tetrachloroethene	ND	4	µg/m3	"	"	"	"	
Toluene	ND	4	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	4	µg/m3	"	"	"	"	
Trichloroethene	ND	4	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-9-5
J250123-017(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Vinyl chloride	ND	4	µg/m3	1	QC2501242	01/15/25	EPA 8260	
m,p-Xylene	ND	8	µg/m3	"	"	"	"	
o-Xylene	ND	4	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Di-isopropylether	ND	20	µg/m3	"	"	"	"	
tert-amylmethylether	ND	20	µg/m3	"	"	"	"	
tert-Butylalcohol	ND	200	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.15 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*105.57 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*93.85 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-9-12
J250123-018(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
Bromodichloromethane	ND	4	µg/m3	"	"	"	"	
Bromoform	ND	4	µg/m3	"	"	"	"	
n-Butylbenzene	ND	6	µg/m3	"	"	"	"	
sec-Butylbenzene	ND	6	µg/m3	"	"	"	"	
tert-Butylbenzene	ND	6	µg/m3	"	"	"	"	
Carbon tetrachloride	ND	4	µg/m3	"	"	"	"	
Chlorobenzene	ND	4	µg/m3	"	"	"	"	
Chloroform	ND	4	µg/m3	"	"	"	"	
Dibromochloromethane	ND	4	µg/m3	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	4	µg/m3	"	"	"	"	
1,2-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,3-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
1,4-Dichlorobenzene	ND	8	µg/m3	"	"	"	"	
Freon 12	ND	8	µg/m3	"	"	"	"	
Freon 11	ND	8	µg/m3	"	"	"	"	
Freon 113	ND	8	µg/m3	"	"	"	"	
1,1-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,2-Dichloroethane	ND	4	µg/m3	"	"	"	"	
1,1-Dichloroethene	ND	4	µg/m3	"	"	"	"	
cis-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
trans-1,2-Dichloroethene	ND	4	µg/m3	"	"	"	"	
Ethylbenzene	4	4	µg/m3	"	"	"	"	
Isopropylbenzene	ND	4	µg/m3	"	"	"	"	
4-Isopropyltoluene	4	4	µg/m3	"	"	"	"	
Methylene chloride (TIC)	ND	4	µg/m3	"	"	"	"	
Naphthalene	ND	20	µg/m3	"	"	"	"	
n-Propylbenzene	ND	4	µg/m3	"	"	"	"	
Styrene	ND	4	µg/m3	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5	µg/m3	"	"	"	"	
Tetrachloroethene	55	4	µg/m3	"	"	"	"	
Toluene	11	4	µg/m3	"	"	"	"	
1,1,1-Trichloroethane	ND	4	µg/m3	"	"	"	"	
1,1,2-Trichloroethane	ND	4	µg/m3	"	"	"	"	
Trichloroethene	ND	4	µg/m3	"	"	"	"	
1,2,4-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	
1,3,5-Trimethylbenzene	ND	4	µg/m3	"	"	"	"	

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-9-12
J250123-018(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Vinyl chloride	ND	4	µg/m3	1	QC2501242	01/15/25	EPA 8260	
m,p-Xylene	ND	8	µg/m3	"	"	"	"	
o-Xylene	ND	4	µg/m3	"	"	"	"	
Methyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Ethyl-tert-butylether	ND	20	µg/m3	"	"	"	"	
Di-isopropylether	ND	20	µg/m3	"	"	"	"	
tert-amylmethylether	ND	20	µg/m3	"	"	"	"	
tert-Butylalcohol	535	200	µg/m3	"	"	"	"	
Gasoline Range Organics (C4-C12)	ND	1000	µg/m3	"	"	"	"	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*99.84 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*106.00 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*92.70 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-1-5
J250123-019(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.02 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*104.99 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*91.31 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

SV-1-12
J250123-020(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501242	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*100.24 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*106.34 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*91.24 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

Low Level ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2501242 - EPA 8260										
CCV 1										
Benzene	11	3	%	10		108	80 - 120		120	
Chlorobenzene	11	4	%	10		106	80 - 120		120	
1,1-Dichloroethene	11	4	%	10		109	80 - 120		120	
cis-1,2-Dichloroethene	10	4	%	10		105	80 - 120		120	
Ethylbenzene	10	4	%	10		101	80 - 120		120	
Tetrachloroethene	11	4	%	10		110	80 - 120		120	
Toluene	10	4	%	10		102	80 - 120		120	
1,1,1-Trichloroethane	10	4	%	10		100	80 - 120		120	
Trichloroethene	10	4	%	10		101	80 - 120		120	
1,2,4-Trimethylbenzene	10	4	%	10		99	80 - 120		120	
Vinyl chloride	9	4	%	10		87	80 - 120		120	
LCS 1										
Benzene	2.73	3	%	2.5		109	70 - 130			
Chlorobenzene	2.70	4	%	2.5		108	70 - 130			
1,1-Dichloroethene	2.37	4	%	2.5		95	60 - 140			
cis-1,2-Dichloroethene	2.67	4	%	2.5		107	70 - 130			
Ethylbenzene	2.59	4	%	2.5		103	70 - 130			
Tetrachloroethene	2.81	4	%	2.5		112	70 - 130			
Toluene	2.86	4	%	2.5		114	70 - 130			
1,1,1-Trichloroethane	2.41	4	%	2.5		97	70 - 130			
Trichloroethene	2.65	4	%	2.5		106	70 - 130			
1,2,4-Trimethylbenzene	2.50	4	%	2.5		100	70 - 130			
Vinyl chloride	1.97	4	%	2.5		79	60 - 140			
Surrogate: Toluene-d8		*101.48 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*105.19 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*91.76 %*	*60 - 140*							
LCSD 1										
Benzene	2.96	3	%	2.5		118		7.92		
Chlorobenzene	2.94	4	%	2.5		117		8.30		
1,1-Dichloroethene	2.87	4	%	2.5		115		18.77		
cis-1,2-Dichloroethene	2.89	4	%	2.5		116		8.11		
Ethylbenzene	2.75	4	%	2.5		110		6.08		
Tetrachloroethene	3.20	4	%	2.5		128		13.05		
Toluene	3.04	4	%	2.5		122		6.16		
1,1,1-Trichloroethane	2.76	4	%	2.5		110		13.27		

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

Low Level ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2501242 - EPA 8260										
LCSD 1										
Trichloroethene	3.11	4	%	2.5		124		16.03		
1,2,4-Trimethylbenzene	2.61	4	%	2.5		104		4.22		
Vinyl chloride	2.03	4	%	2.5		81		2.93		
Surrogate: Toluene-d8		*99.65 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*106.68 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*92.92 %*	*60 - 140*							
Method Blank 1										
Benzene	ND	3	µg/m3							
Bromodichloromethane	ND	4	µg/m3							
Bromoform	ND	4	µg/m3							
n-Butylbenzene	ND	6	µg/m3							
sec-Butylbenzene	ND	6	µg/m3							
tert-Butylbenzene	ND	6	µg/m3							
Carbon tetrachloride	ND	4	µg/m3							
Chlorobenzene	ND	4	µg/m3							
Chloroform	ND	4	µg/m3							
Dibromochloromethane	ND	4	µg/m3							
1,2-Dibromoethane (EDB)	ND	4	µg/m3							
1,3-Dichlorobenzene	ND	8	µg/m3							
1,4-Dichlorobenzene	ND	8	µg/m3							
Freon 12	ND	8	µg/m3							
Freon 11	ND	8	µg/m3							
Freon 113	ND	8	µg/m3							
1,1-Dichloroethane	ND	4	µg/m3							
1,2-Dichloroethane	ND	4	µg/m3							
1,1-Dichloroethene	ND	4	µg/m3							
cis-1,2-Dichloroethene	ND	4	µg/m3							
trans-1,2-Dichloroethene	ND	4	µg/m3							
Ethylbenzene	ND	4	µg/m3							
Isopropylbenzene	ND	4	µg/m3							
4-Isopropyltoluene	ND	4	µg/m3							
Methylene chloride (TIC)	ND	4	µg/m3							
Naphthalene	ND	20	µg/m3							
n-Propylbenzene	ND	4	µg/m3							
Styrene	ND	4	µg/m3							

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

Low Level ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2501242 - EPA 8260										
Method Blank 1										
1,1,1,2-Tetrachloroethane	ND	4	µg/m3							
1,1,2,2-Tetrachloroethane	ND	5	µg/m3							
Tetrachloroethene	ND	4	µg/m3							
Toluene	ND	4	µg/m3							
1,1,1-Trichloroethane	ND	4	µg/m3							
1,1,2-Trichloroethane	ND	4	µg/m3							
Trichloroethene	ND	4	µg/m3							
1,2,4-Trimethylbenzene	ND	4	µg/m3							
1,3,5-Trimethylbenzene	ND	4	µg/m3							
Vinyl chloride	ND	4	µg/m3							
m,p-Xylene	ND	8	µg/m3							
o-Xylene	ND	4	µg/m3							
Methyl-tert-butylether	ND	20	µg/m3							
Ethyl-tert-butylether	ND	20	µg/m3							
Di-isopropylether	ND	20	µg/m3							
tert-amylmethylether	ND	20	µg/m3							
tert-Butylalcohol	ND	200	µg/m3							
Gasoline Range Organics (C4-C12)	ND	1000	µg/m3							
n-Hexane (LCC)	ND	40	µg/m3							
n-Pentane (LCC)	ND	40	µg/m3							
Acetone (LCC)	ND	40	µg/m3							
Surrogate: Toluene-d8		*101.98 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*99.69 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*88.25 %*	*60 - 140*							
Sample Blank 1										
Benzene	ND	3	µg/m3							
Bromodichloromethane	ND	4	µg/m3							
Bromoform	ND	4	µg/m3							
n-Butylbenzene	ND	6	µg/m3							
sec-Butylbenzene	ND	6	µg/m3							
tert-Butylbenzene	ND	6	µg/m3							
Carbon tetrachloride	ND	4	µg/m3							
Chlorobenzene	ND	4	µg/m3							
Chloroform	ND	4	µg/m3							
Dibromochloromethane	ND	4	µg/m3							

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475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

Low Level ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2501242 - EPA 8260										
Sample Blank 1										
1,2-Dibromoethane (EDB)	ND	4	µg/m3							
1,3-Dichlorobenzene	ND	8	µg/m3							
1,4-Dichlorobenzene	ND	8	µg/m3							
Freon 12	ND	8	µg/m3							
Freon 11	ND	8	µg/m3							
Freon 113	ND	8	µg/m3							
1,1-Dichloroethane	ND	4	µg/m3							
1,2-Dichloroethane	ND	4	µg/m3							
1,1-Dichloroethene	ND	4	µg/m3							
cis-1,2-Dichloroethene	ND	4	µg/m3							
trans-1,2-Dichloroethene	ND	4	µg/m3							
Ethylbenzene	ND	4	µg/m3							
Isopropylbenzene	ND	4	µg/m3							
4-Isopropyltoluene	ND	4	µg/m3							
Methylene chloride (TIC)	ND	4	µg/m3							
Naphthalene	ND	20	µg/m3							
n-Propylbenzene	ND	4	µg/m3							
Styrene	ND	4	µg/m3							
1,1,1,2-Tetrachloroethane	ND	4	µg/m3							
1,1,2,2-Tetrachloroethane	ND	5	µg/m3							
Tetrachloroethene	ND	4	µg/m3							
Toluene	ND	4	µg/m3							
1,1,1-Trichloroethane	ND	4	µg/m3							
1,1,2-Trichloroethane	ND	4	µg/m3							
Trichloroethene	ND	4	µg/m3							
1,2,4-Trimethylbenzene	ND	4	µg/m3							
1,3,5-Trimethylbenzene	ND	4	µg/m3							
Vinyl chloride	ND	4	µg/m3							
m,p-Xylene	ND	8	µg/m3							
o-Xylene	ND	4	µg/m3							
Methyl-tert-butylether	ND	20	µg/m3							
Ethyl-tert-butylether	ND	20	µg/m3							
Di-isopropylether	ND	20	µg/m3							
tert-amylmethylether	ND	20	µg/m3							
tert-Butylalcohol	ND	200	µg/m3							
Gasoline Range Organics (C4-C12)	ND	1000	µg/m3							
n-Hexane (LCC)	ND	40	µg/m3							

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JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

Low Level ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2501242 - EPA 8260										
Sample Blank 1										
n-Pentane (LCC)	ND	40	µg/m3							
Acetone (LCC)	ND	40	µg/m3							
Surrogate: Toluene-d8		*102.10 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*100.70 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*91.94 %*	*60 - 140*							

Jones Environmental, Inc.

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Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
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Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/21/25 10:17

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
E	Estimated Concentration; concentration exceeds calibration range.
LCC	Leak Check Compound
MDL	Compound Reported to Method Detection Limit
1	Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was accepted.
SMSR	Sample matrix prevented adequate surrogate recovery.
J	Value less then PQL but greater than MDL.
HHSR	High hydrocarbon concentration in this sample prevented adequate surrogate recovery.
SMTAR	Sample matrix prevented adequate recovery of target analytes.
OV	Sample was filtered in the lab before extraction.
HHTAR	High hydrocarbon concentration prevented in-range recovery of target analytes.
IHRPD	Target analyte recoveries were outside of range but accepted due to passing RPDs
AROL	Target analyte recovery exceeded recovery range but was accepted due to ND of that analyte in MB and sample(s).
ISO-H	Isomers could not be sufficiently chromatographically resolved according to method requirements due to hydrocarbon interference or other matrix effects. The isomers' reported individual concentrations were each calculated as the average of each of the individual isomers' concentrations.
2	Recovery outside of acceptable limits for either LCS or LCSD. CCV and LCS or LCSD recoveries were within limits; therefore data was accepted.
3	RPD outside of acceptable limits. Target analyte recoveries were within QC limits; therefore, data was accepted.
4	LCS and/or LCSD recoveries exceeded acceptability ranges. Target analyte recoveries were accepted due to passing CCV, in-range LCS/LCSD RPDs, and a clean MB in which all target analytes were < RL.
SMTAR	Sample matrix prevented adequate recovery of target analytes.
RV	Surrogate recovery outside of control limits due to required dilution.
ASP	Hydrocarbons in this sample most closely resemble asphalt.
@	Surrogate is outside acceptable limits. All other QC parameters in control, therefore data was accepted.
S	Sample was subjected to elemental sulfur cleanup by EPA 3660B.
TIC	Tentatively Identified Compound. Compound is not in the calibration mix and does not have a valid calibration. All reported detections are estimated

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Lab Director

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11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
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Soil-Gas Chain-of-Custody Record

Client	Ninyo & Moore
Project Name	OCPW Workforce Reentry Center
Project Address	561 The City Dr
	Orange, CA
Email	
Phone	
Report To	Eduardo Chavez
Sampler	Albert Aceves
Date	1/15/2025
Client Project #	212797001

Purge Number: □ 1P ☑ 3P □ 7P □ 10P

Shut-In Test: (Y) / N

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

LAB USE ONLY
Jones Project #
J250123

Page 1 of 2

Sample Container: GASTIGHT GLASS SYRINGE
If different than above, see Notes.

Turn Around Requested
- □ Immediate Attention
- □ Rush 24 Hours
- □ Rush 48 Hours
- □ Rush 72 Hours
- □ Normal
- ☑ Mobile Lab

Tracer
- ☑ n-pentane
- ☑ n-hexane
- □ n-heptane
- ☑ Acetone
- □ n-Propyl Alcohol
- □ 1,1-DFA

Reporting Limits
□ Standard ☑ Low Level* □ Ultra-Low*
*surcharge for these limits

Units ug/m3

Analysis Requested

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	GRO			Magnehelic Vacuum (In/H_2O)	Number of Containers	Notes & Special Instructions
SV-5-5	3	1860	1/15/25	8:42	8:43	J250123-001	200	VENOM	M100.601	SG	X	X			<2	1	
SV-5-12	3	1980	1/15/25	8:47	8:59	J250123-002	200	SRCS	M100.602	SG	X	X			<2	1	
SV-12-5	3	1860	1/15/25	9:12	9:16	J250123-003	200	VENOM	M100.603	SG	X	X			<2	1	
SV-12-5 REP	3	1860	1/15/25	9:17	9:32	J250123-004	200	VENOM	M100.603	SG	X	X			<2	1	
SV-12-12	3	1980	1/15/25	9:36	9:49	J250123-005	200	SRCS	M100.604	SG	X	X			<2	1	
SV-7-5	3	1860	1/15/25	10:03	10:07	J250123-006	200	VENOM	M100.601	SG	X	X			<2	1	
SV-7-10	3	1940	1/15/25	10:15	10:24	J250123-007	200	SRCS	M100.602	SG	X	X			34	1	
SV-8-5	3	1860	1/15/25	10:37	10:41	J250123-008	200	VENOM	M100.603	SG	X	X			<2	1	
SV-8-18.5	3	2090	1/15/25	10:45	10:58	J250123-009	200	SRCS	M100.604	SG	X	X			<2	1	
SV-11-5	3	1860	1/15/25	11:10	11:15	J250123-010	200	VENOM	M100.601	SG	X	X			<2	1	

Representative Signature	**Printed Name**	Skylar Lee	**Laboratory Signature**	**Printed Name**	Albert Aceves
Company	**Date**	**Time**	**Company**	**Date**	**Time**
Ninyo & Moore	1/15/2025	1434	JONES ENVIRONMENTAL, INC.	1/15/2025	
Representative Signature	**Printed Name**		**Laboratory Signature**	**Printed Name**	
Company	**Date**	**Time**	**Company**	**Date**	**Time**

10 Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

JONES ENVIRONMENTAL, INC.
11007 Forest Pl.
Santa Fe Springs, CA 90670
(714) 449-9937
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www.jonesenv.com

Soil-Gas Chain-of-Custody Record

Client	Ninyo & Moore
Project Name	OCPW Workforce Reentry Center
Project Address	561 The City Dr
	Orange, CA
Email	
Phone	
Report To	Eduardo Chavez
Sampler	Albert Aceves
Date	1/15/2025
Client Project #	212797001

Purge Number: □ 1P ☑ 3P □ 7P □ 10P

Shut-In Test: (Y) / N

Report Options
EDD ____
EDF* - 10% Surcharge____
*Global ID _____

Turn Around Requested
- □ Immediate Attention
- □ Rush 24 Hours
- □ Rush 48 Hours
- □ Rush 72 Hours
- □ Normal
- ☑ Mobile Lab

Tracer
- ☑ n-pentane
- ☑ n-hexane
- □ n-heptane
- ☑ Acetone
- □ n-Propyl Alcohol
- □ 1,1-DFA

Reporting Limits
□ Standard ☑ Low Level* □ Ultra-Low*
*surcharge for these limits

Units ug/m3

LAB USE ONLY
Jones Project # J250123

Page 2 of 2

Sample Container: GASTIGHT GLASS SYRINGE
If different than above, see Notes.

Sample ID	Purge Number	Purge Volume (mL)	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample ID	Purge Rate (mL/min)	Pump Used	Magnehelic	Sample Matrix: Soil Gas (SG), Air (A), Material (M)	EPA 8260B (VOCs)	GRO			Magnehelic Vacuum (in/H_2O)	Number of Containers	Notes & Special Instructions
SV-11-14	3	2020	1/15/25	11:22	11:32	J250123-011	200	SRCS	M100.602	SG	X	X			<2	1	
SV-3-5	3	1860	1/15/25	11:47	11:50	J250123-012	200	VENOM	M100.603	SG	X	X			<2	1	
SV-3-5 REP	3	1860	1/15/25	11:51	12:07	J250123-013	200	SRCS	M100.603	SG	X	X			<2	1	
SV-3-17	3	2050	1/15/25	12:13	12:24	J250123-014	200	VENOM	M100.604	SG	X	X			<2	1	QC250174Z
SV-10-5	3	1860	1/15/25	12:31	12:41	J250123-015	200	SRCS	M100.601	SG	X	X			<2	1	
SV-10-15	3	2030	1/15/25	12:47	12:58	J250123-016	200	VENOM	M100.602	SG	X	X			<2	1	
SV-9-5	3	1860	1/15/25	13:08	13:15	J250123-017	200	SRCS	M100.603	SG	X	X			<2	1	
SV-9-12	3	1980	1/15/25	13:17	13:32	J250123-018	200	VENOM	M100.604	SG	X	X			<2	1	
SV-1-5	3	1860	1/15/25	13:45	13:48	J250123-019	200	SRCS	M100.601	SG	X	X			<2	1	
SV-1-12	3	1980	1/15/25	13:51	14:05	J250123-020	200	VENOM	M100.602	SG	X	X			<2	1	

Representative Signature	**Printed Name**	**Laboratory Signature**	**Printed Name**
	Skylar Lee		Albert Aceves
Company	**Date / Time**	**Company**	**Date / Time**
Ninyo & Moore	1/15/2025 1434	JONES ENVIRONMENTAL, INC.	1/15/2025
Representative Signature	**Printed Name**	**Laboratory Signature**	**Printed Name**
Company	**Date / Time**	**Company**	**Date / Time**

10 Total Number of Containers

Client signature on this Chain of Custody form constitutes acknowledgement that the above analyses have been reqested, and the information provided herein is correct and accurate.

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714-449-9937
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11007 FOREST PLACE
SANTA FE SPRINGS, CA 90670
WWW.JONESENV.COM

27 January 2025

Eduardo Chavez
Ninyo & Moore
475 Goddard, Suite 200
Irvine, CA 92618

Re: OCPW Workforce Reentry Center

Enclosed are the results of analyses for samples received by the laboratory on 01/15/25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Colby Wakeman
Lab Director

JONES ENVIRONMENTAL, INC.

11007 FOREST PLACE
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714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/27/25 12:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-2-5	J250128-001	Soil Vapor	01/15/2025 08:56	01/15/2025 10:29
SV-2-5 REP	J250128-002	Soil Vapor	01/15/2025 08:57	01/15/2025 10:29
SV-2-10	J250128-003	Soil Vapor	01/15/2025 08:59	01/15/2025 10:29
SV-4-5	J250128-004	Soil Vapor	01/15/2025 09:07	01/15/2025 10:29
SV-4-15	J250128-005	Soil Vapor	01/15/2025 09:09	01/15/2025 10:29
SV-6-5	J250128-006	Soil Vapor	01/15/2025 09:15	01/15/2025 10:29
SV-6-15	J250128-007	Soil Vapor	01/15/2025 09:18	01/15/2025 10:29

Jones Environmental, Inc.

Colby Wakeman
Lab Director

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/27/25 12:08

DETECTIONS SUMMARY

Sample ID: SV-2-5 **Laboratory ID:** J250128-001

No Results Detected

Sample ID: SV-2-5 REP **Laboratory ID:** J250128-002

No Results Detected

Sample ID: SV-2-10 **Laboratory ID:** J250128-003

No Results Detected

Sample ID: SV-4-5 **Laboratory ID:** J250128-004

No Results Detected

Sample ID: SV-4-15 **Laboratory ID:** J250128-005

No Results Detected

Sample ID: SV-6-5 **Laboratory ID:** J250128-006

No Results Detected

Sample ID: SV-6-15 **Laboratory ID:** J250128-007

No Results Detected

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/27/25 12:08

SV-2-5
J250128-001(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/L by EPA 8260								
Benzene	ND	0.003	µg/L	1	QC2501210	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	0.040	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.040	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.040	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*93.34 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*88.29 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*103.35 %*	*60 - 140*						
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501209	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*93.34 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*88.29 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*103.35 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/27/25 12:08

SV-2-5 REP
J250128-002(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/L by EPA 8260								
Benzene	ND	0.003	µg/L	1	QC2501210	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	0.040	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.040	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.040	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*94.18 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*88.65 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*105.10 %*	*60 - 140*						
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501209	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*94.18 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*88.65 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*105.10 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/27/25 12:08

SV-2-10
J250128-003(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/L by EPA 8260								
Benzene	ND	0.003	µg/L	1	QC2501210	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	0.040	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.040	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.040	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*93.62 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*85.33 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*103.96 %*	*60 - 140*						
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501209	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*93.62 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*85.33 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*103.96 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/27/25 12:08

SV-4-5
J250128-004(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/L by EPA 8260								
Benzene	ND	0.003	µg/L	1	QC2501210	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	0.040	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.040	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.040	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*93.53 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*88.47 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*102.64 %*	*60 - 140*						
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501209	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*93.53 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*88.47 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*102.64 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/27/25 12:08

SV-4-15
J250128-005(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/L by EPA 8260								
Benzene	ND	0.003	µg/L	1	QC2501210	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	0.040	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.040	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.040	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*94.12 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*87.15 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*103.54 %*	*60 - 140*						
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501209	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*94.12 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*87.15 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*103.54 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/27/25 12:08

SV-6-5
J250128-006(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/L by EPA 8260								
Benzene	ND	0.003	µg/L	1	QC2501210	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	0.040	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.040	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.040	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*93.94 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*87.75 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*105.03 %*	*60 - 140*						
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501209	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*93.94 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*87.75 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*105.03 %*	*60 - 140*						

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SANTA FE SPRINGS, CA 90670
714-449-9937 PHONE
562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/27/25 12:08

SV-6-15
J250128-007(Soil Vapor)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Analyzed	Method	Notes
Low Level ug/L by EPA 8260								
Benzene	ND	0.003	µg/L	1	QC2501210	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	0.040	µg/L	"	"	"	"	
n-Pentane (LCC)	ND	0.040	µg/L	"	"	"	"	
Acetone (LCC)	ND	0.040	µg/L	"	"	"	"	
Surrogate: Toluene-d8	*93.71 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*90.59 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*105.78 %*	*60 - 140*						
Low Level ug/m3 by EPA 8260								
Benzene	ND	3	µg/m3	1	QC2501209	01/15/25	EPA 8260	
n-Hexane (LCC)	ND	40	µg/m3	"	"	"	"	
n-Pentane (LCC)	ND	40	µg/m3	"	"	"	"	
Acetone (LCC)	ND	40	µg/m3	"	"	"	"	
Surrogate: Toluene-d8	*93.71 %*	*60 - 140*						
Surrogate: Dibromofluoromethane	*90.59 %*	*60 - 140*						
Surrogate: 4-Bromofluorobenzene	*105.78 %*	*60 - 140*						

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Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/27/25 12:08

Low Level ug/L by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2501210 - EPA 8260										
CCV 1										
Benzene	10.100	0.003	%	10		101	80 - 120		120	
Chlorobenzene	10.300	0.004	%	10		103	80 - 120		120	
1,1-Dichloroethene	9.080	0.004	%	10		91	80 - 120		120	
cis-1,2-Dichloroethene	9.670	0.004	%	10		97	80 - 120		120	
Ethylbenzene	8.620	0.004	%	10		86	80 - 120		120	
Tetrachloroethene	9.150	0.004	%	10		92	80 - 120		120	
Toluene	9.810	0.004	%	10		98	80 - 120		120	
1,1,1-Trichloroethane	8.420	0.004	%	10		84	80 - 120		120	
Trichloroethene	10.500	0.004	%	10		105	80 - 120		120	
1,2,4-Trimethylbenzene	10.400	0.004	%	10		104	80 - 120		120	
Vinyl chloride	11.600	0.004	%	10		116	80 - 120		120	
LCS 1										
Benzene	2.63	0.003	%	2.5		105	70 - 130			
Chlorobenzene	2.66	0.004	%	2.5		106	70 - 130			
1,1-Dichloroethene	2.31	0.004	%	2.5		93	60 - 140			
cis-1,2-Dichloroethene	2.30	0.004	%	2.5		92	70 - 130			
Ethylbenzene	1.93	0.004	%	2.5		77	70 - 130			
Tetrachloroethene	2.26	0.004	%	2.5		90	70 - 130			
Toluene	2.44	0.004	%	2.5		98	70 - 130			
1,1,1-Trichloroethane	1.98	0.004	%	2.5		79	70 - 130			
Trichloroethene	2.65	0.004	%	2.5		106	70 - 130			
1,2,4-Trimethylbenzene	1.75	0.004	%	2.5		70	70 - 130			
Vinyl chloride	3.25	0.004	%	2.5		130	60 - 140			
Surrogate: Toluene-d8		*96.34 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*87.43 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*109.34 %*	*60 - 140*							
LCSD 1										
Benzene	2.79	0.003	%	2.5		112		5.92		
Chlorobenzene	2.79	0.004	%	2.5		112		4.96		
1,1-Dichloroethene	2.42	0.004	%	2.5		97		4.60		
cis-1,2-Dichloroethene	2.42	0.004	%	2.5		97		5.14		
Ethylbenzene	2.12	0.004	%	2.5		85		9.64		
Tetrachloroethene	2.46	0.004	%	2.5		99		8.54		
Toluene	2.57	0.004	%	2.5		103		5.31		
1,1,1-Trichloroethane	2.10	0.004	%	2.5		84		5.54		

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562-646-1611 FAX

Ninyo & Moore	Project:	OCPW Workforce Reentry Center	
475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/27/25 12:08

Low Level ug/L by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2501210 - EPA 8260										
LCSD 1										
Trichloroethene	2.92	0.004	%	2.5		117		9.56		
1,2,4-Trimethylbenzene	1.99	0.004	%	2.5		80		12.75		
Vinyl chloride	3.41	0.004	%	2.5		136		4.56		
Surrogate: Toluene-d8		*95.29 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*87.84 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*107.78 %*	*60 - 140*							
Method Blank 1										
Benzene	ND	0.003	µg/L							
n-Hexane (LCC)	ND	0.040	µg/L							
n-Pentane (LCC)	ND	0.040	µg/L							
Acetone (LCC)	ND	0.040	µg/L							
Surrogate: Toluene-d8		*94.00 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*87.33 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*102.13 %*	*60 - 140*							
Sample Blank 1										
Benzene	ND	0.003	µg/L							
n-Hexane (LCC)	ND	0.040	µg/L							
n-Pentane (LCC)	ND	0.040	µg/L							
Acetone (LCC)	ND	0.040	µg/L							
Surrogate: Toluene-d8		*92.36 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*86.49 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*105.28 %*	*60 - 140*							

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475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/27/25 12:08

Low Level ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2501209 - EPA 8260										
CCV 1										
Benzene	10	3	%	10		101	80 - 120		120	
Chlorobenzene	10	4	%	10		103	80 - 120		120	
1,1-Dichloroethene	9	4	%	10		91	80 - 120		120	
cis-1,2-Dichloroethene	10	4	%	10		97	80 - 120		120	
Ethylbenzene	9	4	%	10		86	80 - 120		120	
Tetrachloroethene	9	4	%	10		92	80 - 120		120	
Toluene	10	4	%	10		98	80 - 120		120	
1,1,1-Trichloroethane	8	4	%	10		84	80 - 120		120	
Trichloroethene	10	4	%	10		105	80 - 120		120	
1,2,4-Trimethylbenzene	10	4	%	10		104	80 - 120		120	
Vinyl chloride	12	4	%	10		116	80 - 120		120	
LCS 1										
Benzene	2.63	3	%	2.5		105	70 - 130			
Chlorobenzene	2.66	4	%	2.5		106	70 - 130			
1,1-Dichloroethene	2.31	4	%	2.5		93	60 - 140			
cis-1,2-Dichloroethene	2.30	4	%	2.5		92	70 - 130			
Ethylbenzene	1.93	4	%	2.5		77	70 - 130			
Tetrachloroethene	2.26	4	%	2.5		90	70 - 130			
Toluene	2.44	4	%	2.5		98	70 - 130			
1,1,1-Trichloroethane	1.98	4	%	2.5		79	70 - 130			
Trichloroethene	2.65	4	%	2.5		106	70 - 130			
1,2,4-Trimethylbenzene	1.75	4	%	2.5		70	70 - 130			
Vinyl chloride	3.25	4	%	2.5		130	60 - 140			
Surrogate: Toluene-d8		*96.34 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*87.43 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*109.34 %*	*60 - 140*							
LCSD 1										
Benzene	2.79	3	%	2.5		112		5.92		
Chlorobenzene	2.79	4	%	2.5		112		4.96		
1,1-Dichloroethene	2.42	4	%	2.5		97		4.60		
cis-1,2-Dichloroethene	2.42	4	%	2.5		97		5.14		
Ethylbenzene	2.12	4	%	2.5		85		9.64		
Tetrachloroethene	2.46	4	%	2.5		99		8.54		
Toluene	2.57	4	%	2.5		103		5.31		
1,1,1-Trichloroethane	2.10	4	%	2.5		84		5.54		

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475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/27/25 12:08

Low Level ug/m3 by EPA 8260 - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	%REC Limits	Notes
Batch QC2501209 - EPA 8260										
LCSD 1										
Trichloroethene	2.92	4	%	2.5		117		9.56		
1,2,4-Trimethylbenzene	1.99	4	%	2.5		80		12.75		
Vinyl chloride	3.41	4	%	2.5		136		4.56		
Surrogate: Toluene-d8		*95.29 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*87.84 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*107.78 %*	*60 - 140*							
Method Blank 1										
Benzene	ND	3	µg/m3							
n-Hexane (LCC)	ND	40	µg/m3							
n-Pentane (LCC)	ND	40	µg/m3							
Acetone (LCC)	ND	40	µg/m3							
Surrogate: Toluene-d8		*94.00 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*87.33 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*102.13 %*	*60 - 140*							
Sample Blank 1										
Benzene	ND	3	µg/m3							
n-Hexane (LCC)	ND	40	µg/m3							
n-Pentane (LCC)	ND	40	µg/m3							
Acetone (LCC)	ND	40	µg/m3							
Surrogate: Toluene-d8		*92.36 %*	*60 - 140*							
Surrogate: Dibromofluoromethane		*86.49 %*	*60 - 140*							
Surrogate: 4-Bromofluorobenzene		*105.28 %*	*60 - 140*							

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475 Goddard, Suite 200	Project Number:	212797001	Reported
Irvine, CA 92618	Project Manager:	Eduardo Chavez	01/27/25 12:08

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
E	Estimated Concentration; concentration exceeds calibration range.
LCC	Leak Check Compound
MDL	Compound Reported to Method Detection Limit
1	Recovery outside of acceptable limits. LCS/LCSD recoveries and %RSD were within QC limits, therefore data was accepted.
SMSR	Sample matrix prevented adequate surrogate recovery.
J	Value less then PQL but greater than MDL.
HHSR	High hydrocarbon concentration in this sample prevented adequate surrogate recovery.
SMTAR	Sample matrix prevented adequate recovery of target analytes.
OV	Sample was filtered in the lab before extraction.
HHTAR	High hydrocarbon concentration prevented in-range recovery of target analytes.
IHRPD	Target analyte recoveries were outside of range but accepted due to passing RPDs
AROL	Target analyte recovery exceeded recovery range but was accepted due to ND of that analyte in MB and sample(s).
ISO-H	Isomers could not be sufficiently chromatographically resolved according to method requirements due to hydrocarbon interference or other matrix effects. The isomers' reported individual concentrations were each calculated as the average of each of the individual isomers' concentrations.
2	Recovery outside of acceptable limits for either LCS or LCSD. CCV and LCS or LCSD recoveries were within limits; therefore data was accepted.
3	RPD outside of acceptable limits. Target analyte recoveries were within QC limits; therefore, data was accepted.
4	LCS and/or LCSD recoveries exceeded acceptability ranges. Target analyte recoveries were accepted due to passing CCV, in-range LCS/LCSD RPDs, and a clean MB in which all target analytes were < RL.
SMTAR	Sample matrix prevented adequate recovery of target analytes.
RV	Surrogate recovery outside of control limits due to required dilution.
ASP	Hydrocarbons in this sample most closely resemble asphalt.
@	Surrogate is outside acceptable limits. All other QC parameters in control, therefore data was accepted.
S	Sample was subjected to elemental sulfur cleanup by EPA 3660B.
TIC	Tentatively Identified Compound. Compound is not in the calibration mix and does not have a valid calibration. All reported detections are estimated

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Lab Director

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Santa Fe Springs, CA 90670
(714) 449-9937
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www.jonesenv.com

Soil Gas Summa Chain-of-Custody Record

Lab Use Only
Jones Project # J250129
Page 1 of 1

Client: Ninyo & Moore	Date: 1-15-25
Project Name: OCPW Workforce Reentry Center	Client Project #: 212797001
Project Address: 561 The City Dr. S. Orange, CA	
Report To: Eduardo Chavez	
Email/Phone:	
Sampler: Annalise O'Toole	

Purge Rate: 200 cc/min
Shut In Test: (Y) / N

Turn Around Requested
- ☐ Immediate Attention - 200%
- ☐ Rush 24 Hours - 100%
- ☐ Rush 48 Hours - 50%
- ☐ Rush 72 Hours - 25%
- ☐ Rush 96 Hours - 10%
- ☒ Normal - No Surcharge

Tracer
- ☒ n-pentane
- ☒ n-hexane
- ☐ n-heptane
- ☐ IPA
- ☐ 1,1-DFA
- ☑ acetone

EDF Geotracker Global ID:

Gasoline Range Organics (GRO)
☐ Yes ☒ No

Reporting Limits Requested
☐ Standard ☒ Low ☐ Ultra Low

Units Requested
☒ ug/m3 ☒ ug/L ☐ ppmV

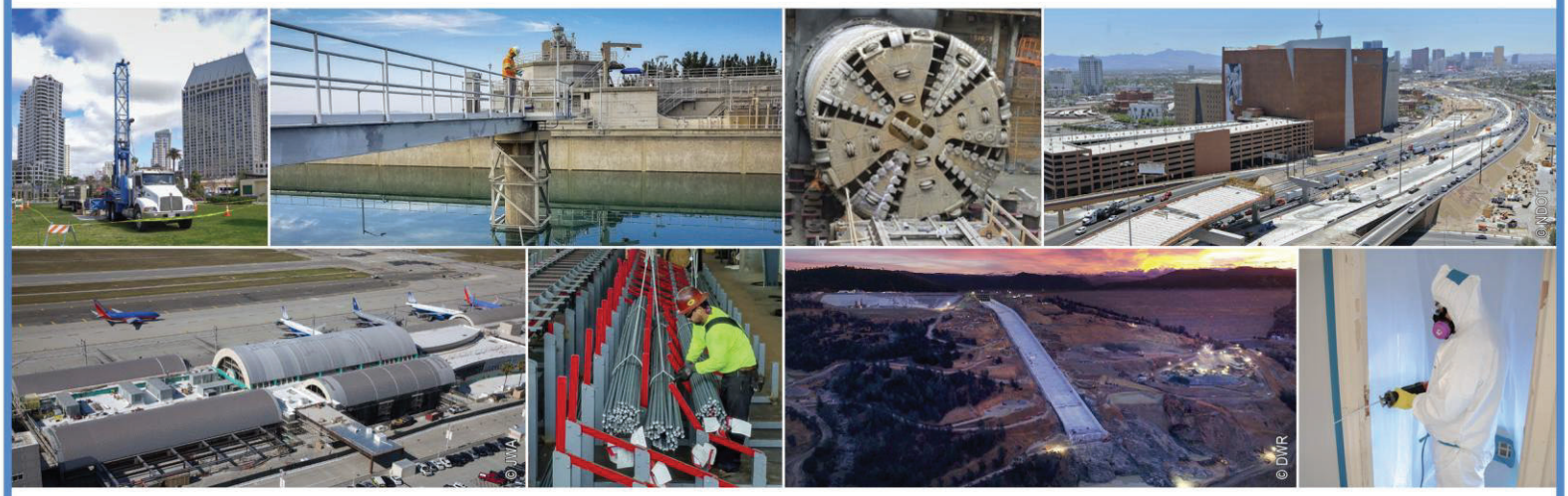
benzene only

Analysis Requested

Sample ID	Date Collected	Purge Number	Purge Volume	Laboraroty Sample ID (Lab Use Only)	Canister ID	Canister Start Pressure	Canister End Pressure	Flow Rate (cc/min)	Sampling Start Time	Sampling End Time	TO-15 or 8260B (circle one)	ASTM D1946 (Fixed Gases)	Magnehelic Reading (in/H_2O)	Number of Containers
SV-2-5	1-15-25	3	18000	-001					0856		X		<2	1
SV-2-5 REP	1-15-25	3	—	-002					0857		X		<2	1
SV-2-10	1-15-25	3	2030	-003					0859		X		<2	1
SV-4-5	1-15-25	3	18000	-004					0907		X		10	1
SV-4-15	1-15-25	3	2030	-005					0909		X		10	1
SV-6-5	1-15-25	3	18000	-006					0915		X		<2	1
SV-6-15	1-15-25	3	2030	-007					0918		X		60	1

Relinquished By (Signature):	Printed Name: Skylar Lee	Received By (Signature):	Printed Name: Annalise O'Toole
Company: Ninyo & Moore	Date: 1/15/25 Time: 0923	Company: JEL	Date: 1-15-25 Time: 0923
Relinquished By (Signature):	Printed Name:	Received By Laboratory (Signature):	Printed Name: Victoria P.
Company:	Date: Time:	Company: Jones	Date: 1/15/25 Time: 1030

The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specificied above under the Terms and Conditions set forth



475 Goddard, Suite 200 | Irvine, California 92618 | p. 949.753.7070

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Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

APPENDIX F-3

SOIL MANAGEMENT PLAN

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Soil Management Plan

Workforce Reentry Center
561 The City Drive South
Orange, California 92868

County of Orange Executive Office
Real Estate/Land Development
400 West Civic Center Drive, 5th Floor | Santa Ana, California 92701

December 6, 2024 | Project No. 212797001



Geotechnical | Environmental | Construction Inspection & Testing | Forensic Engineering & Expert Witness

Geophysics | Engineering Geology | Laboratory Testing | Industrial Hygiene | Occupational Safety | Air Quality | GIS

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

35+ YEARS

Soil Management Plan
Workforce Reentry Center
561 The City Drive South
Orange, California 92868

Mr. Ryan Rigalli
County of Orange Executive Office
Real Estate/Land Development
400 West Civic Center Drive, 5th Floor | Santa Ana, California 92701

December 6, 2024 | Project No. 212797001

Jonathan Sachrison
Staff Environmental Scientist

Eduardo Chavez
Project Geologist

Jeff Aguilar, PG
Principal Geologist

PROFESSIONAL GEOLOGIST
JEFF AGUILAR
No. 8178
STATE OF CALIFORNIA

JQS/EAC/JA/lva/mlc

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D – SCAQMD Rule 1466, Control of Particulate Emissions from Soils with Toxic Air Contaminants
E – Transportation Plan

1 INTRODUCTION

This soil management plan (SMP) has been prepared by Ninyo & Moore on behalf of the County of Orange (Client) to present the protocols for excavation, temporary stockpiling, storage, handling, and disposal of soil and debris-laden materials unearthed during excavation activities proposed to be conducted at 561 The City Drive South in Orange, California (site). The site encompasses approximately 4.604 acres that include structures previously used by the former animal shelter located on the subject property, including three buildings, outdoor animal caging, two trailers, a cell phone tower, and parking lots, as well as a portion of the recreational yard for the Theo Lacy jail that adjoins the site to the north and east (site; Figure 1).

The purpose of the SMP is to identify standard management practices to be implemented during site disturbance activities (including precautions for worker safety), and considerations for sampling, management of contaminated soils and waste materials (if encountered), and proper disposal. The handling and/or disposal of contaminated soils shall comply with federal, state, and local laws and regulations. The SMP outlines precautions which should be taken during earthmoving activities at the site, including excavating and stockpiling soil identified as containing metals, total petroleum hydrocarbons (TPHs) in the diesel and motor oil ranges, polycyclic aromatic hydrocarbons (PAHs), and organochlorine pesticides (OCPs).

A Phase II investigation conducted by Ninyo & Moore between August 26 and August 28, 2024 indicated the presence of TPHs in soils near the recreational yard in the southeast corner of the site (boring locations B-4 and B-6, Figure 2). PAHs and OCPs were also detected in shallow soils in boring B-6.. Arsenic was detected at 50 mg/kg in the soil sample collected at 10 feet below ground surface (bgs) in boring B-4 which is above the Department of Toxic Substances Control (DTSC) maximum allowable concentration of 12 mg/kg (DTSC, 2020). Additionally, results of soil vapor sampling confirmed the presence of volatile organic compounds (VOCs) in soil vapor, particularly benzene and tetrachloroethene (PCE). As a result, there is a potential for these compounds to be present in soil excavated and in trench atmosphere during future construction and development activities.

Special precautions should be taken during earthmoving activities at the site, including while excavating and stockpiling contaminated soil. These precautions are detailed in this document, and include the following:

- It is recommended that site activities be performed under a site-specific health and safety plan (HSP), prepared by the Contractor.

- On-site workers who perform activities that require contact with, or potential exposure to, hazardous waste materials should possess current Occupational Safety and Health Administration (OSHA) 40-hour hazardous waste operations and emergency response (HAZWOPER) training in accordance with California Code of Regulations (CCR), Title 8, Section 5192 and 29 Code of Federal Regulations (CFR) 1910.120.

- Potential health risks due to exposure to chemical-contaminated materials may be present for site workers and as such specific attention to decontamination procedures including but not limited to personal hygiene protocols should be implemented. Additionally, if evidence of hydrocarbon impact is encountered in soil during excavation based on odor or observation of visual staining, protocols for monitoring by a qualified professional should be coordinated to attempt to minimize human health risks.

- VOC concentrations were found to be present in soil; a South Coast Air Quality Management District (SCAQMD) Rule 1166 permit will be required to be procured. An example SCAQMD Rule 1166, VOCs from Soil Decontamination Plan is included as Appendix A. If required, the Contractor will use their various locations permit for Rule 1166 monitoring for the planned field activities.

- VOC concentrations have been detected to be present in soil vapor; trench atmosphere screening with a Photoionization detected should be implemented prior to trench entry. If trench entry is to occur prior to screening, respirator use may be necessary.

- Earthmoving activities proposed at the site will also be required to be conducted in compliance with SCAQMD Rules 401, 402 and 403 (Visible Emissions, Nuisance, and Fugitive Dust, respectively). In addition, sites with known impacts from certain toxic contaminants (lead, arsenic, PAHs etc.) must comply with SCAQMD Rule 1466, which generally has more stringent protocols and action levels than 403. Rules 403 and 1466 will apply during excavation and/or soil handling to reduce or mitigate fugitive dust emissions and associated toxic contaminants. A copy of Rules 401, 403 and 1466 are included as Appendices B, C and D, respectively.

- If encountered (and confirmed via sampling and laboratory analysis), hazardous materials must be handled by workers with appropriate training (HAZWOPER) and transported off-site under manifest, for disposal at a licensed facility, in accordance with a hazardous materials transportation plan, prepared by the Contractor, per the Transportation Safety Act, Hazardous Material Transportation Act, Title 49 Code of Federal Regulations (CFR) Parts 106, 107, and 171-179.

- Should excavations greater than 4 feet in depth require personnel entry for any reason, a Competent Person, in accordance with California Code of Regulations (CCR), Title 8, Section 1541 will evaluate the potential hazards associated with the entry including atmospheric hazards, prior to entry.

2 SITE DESCRIPTION

The site is located in Orange, California and encompasses approximately 4.604 acres. The site is currently unoccupied, but was previously operated as a gasoline service station. This service station used two 9,950-gallon underground storage tanks (USTs) containing regular and unleaded fuel and one 280-gallon waste oil tank. This facility is listed on the GeoTracker database as having a leaking underground storage tank (LUST) case with the name UNOCAL#5618 (T0605901216).

It was granted case-closure by the Santa Ana Regional Water Quality Control Board on April 25, 2003 following remediation activities that occurred at the site from 1990 to 2003. The USTs were removed as part of the remediation activities. The site was most recently operated by an animal shelter. City directories list that the animal shelter and Animal Control occupied the site from at least 1980 to 2010. Activities associated with the animal shelter and Animal Control include administrative activities, storage of animal care products, and animal containment. It is known that other past uses of the property included orchards, other commercial/retail/office building uses, service station operation, and operation of a cellular tower. Since at least 2014, the site has been unoccupied and owned by the County of Orange. The site is now planned to be developed as a workforce reentry center.

The site is now mostly parking lot, but also includes the former animal shelter building and cages (Figure 2). Asbestos and lead-based paint was found to be present in the on-site buildings, but abatement has since been completed. The southeast corner of the site includes part of the jail recreational yard. The 22 Freeway runs alongside the property to the south.

3 CONTACT INFORMATION

For work performed by Ninyo & Moore, site contact information is provided as follows:

Table 1 – Site Contact Information

Project Party	Company	Contact Names	Address	Contact #
Project Proponent	County of Orange	Mr. Ryan Rigali	400 West Civic Center Drive 5th floor, Santa Ana, CA 92701	(714) 834-3763
Environmental Consultant	Ninyo & Moore	Mr. Eduardo Chavez	475 Goddard, Suite 200 Irvine, CA 92618	(949) 753-7070
Certified Industrial Hygienist	Ninyo & Moore	Mr. Steve Waide	475 Goddard, Suite 200 Irvine, CA 92618	(949) 753-7070
General Contractor	Innovative Construction Solutions	Don Strenger	575 Anton Boulevard Suite #850, Costa Mesa, CA 92626	(714)-893-6366
Waste Transport	Innovative Construction Solutions	Don Strenger	575 Anton Boulevard Suite #850, Costa Mesa, CA 92626	(714)-893-6366
Soil Analytical Laboratory	Enthalpy Analytical	Diane Galvan	931 W. Barkley Avenue Orange, CA 92868	(714) 771-6900
	Orange Coast Environmental	Miriam Molina	3002 Dow Ave, Suite 532, Tustin, CA 92780	714-832-0064

Notes:
TBD – to be determined

4 PREVIOUS SITE ASSESSMENTS

The following section highlights the previous site assessments conducted by Ninyo & Moore at the site in 2024.

4.1 Phase I Environmental Site Assessment (ESA), Workforce Reentry Center 561 The City Drive South (Ninyo & Moore, 2024a)

Ninyo & Moore conducted a Phase I ESA of the site in 2024 to identify recognized environmental conditions (RECs) at the subject property. The Phase I ESA included review of the physical setting and background information, property reconnaissance, review of regulatory agency databases for the property and nearby properties, review of historical information, user-provided information, interview with the property owner, and opinions by Ninyo & Moore regarding identified RECs. User-provided information included the presence of lead-based paint and asbestos within the on-site buildings; a 2024 ENCORP Asbestos & Lead-Based Paint Inspection Report identified the presence of asbestos containing materials and lead-based paints on-site. The user has indicated that abatement has since been completed. The following RECs were identified for the subject property:

- The presence of chlorinated solvents and 1,4-dioxane in groundwater screened between 238 and 246 feet beneath the subject property.
- Potential for aerially-deposited lead contamination from the 22 Freeway.
- Residual levels of some contaminants from the LUST case at 591 The City Drive South which, based on the information provided in the closure packet used in case closure in 2003 by the Santa Ana Regional Water Quality Control Board, exceed present day residential screening levels in soil, as well as maximum contaminant levels (MCLs) for groundwater.
- A potential for vapor encroachment due to the former LUST case at 591 The City Drive South.

4.2 Phase II Environmental Site Assessment (ESA), Workforce Reentry Center 561 The City Drive South (Ninyo & Moore, 2024b)

A Phase II investigation was conducted by Ninyo & Moore between August 26 and August 28, 2024. A total of eight soil borings (B-1 through B-8, Figure 2) were advanced during this investigation. These borings were advanced using a direct push rig and advanced to depths between 15 and 25 feet bgs. At all borings, soil vapor probes were installed at five feet and between 10 and 18.5 feet, depending on soil conditions. From the two borings closest to the freeway (B-7 and B-8), six soil samples were collected at shallow depths up to five feet bgs and analyzed for total lead by EPA Method 6010B to determine if the soil had been contaminated with aerially deposited lead from the adjacent freeway. In the two twenty-five-foot borings (B-4 and B-

6), soil samples were collected every five feet and analyzed for the following to evaluate for potential contamination below the future building footprint:

- California Title 22 Metals in accordance with EPA Method 6010B/7471A;
- TPH speciated as gasoline (GRO), diesel (DRO), and motor oil (MRO) organic ranges in accordance with EPA Method 8015B/5035;
- VOCs in accordance with EPA Method 8260B/5035;
- OCPs in accordance with EPA Method 8081A;
- PAHs in accordance with EPA Method 8270 SIM; and
- Polychlorinated biphenyls (PCBs) in accordance with EPA Method 8082.

Soil vapor samples were collected from the soil vapor probes and analyzed for VOCs including fuel oxygenates and TPH GRO in accordance with EPA Method 8260B. A mobile laboratory operated by a state-certified environmental laboratory was used to analyze the soil vapor samples.

The following was determined following this investigation:

- The results of this Phase II ESA indicate that the known release of petroleum hydrocarbons from the former gasoline service station still impacts on-site soil, particularly diesel. This is evidenced by the following findings and observations:
- TPH DRO were detected in soil in boring B-4 at 10 and 15 feet bgs and in boring B-6 at 5 feet bgs. B-4-10 and B-4-15 contained TPH DRO (660 and 430 mg/kg, respectively) at concentrations that exceeded the residential EPA RSL of 96 mg/kg (EPA, 2024).
- Concentrations of arsenic were detected at the 10-foot bgs sample from boring B-4 at a concentration (50 mg/kg), which exceeds the DTSC maximum allowable concentration of 12 mg/kg, and is greater than ten times the Soluble Threshold Leaching Criteria (STLC) -based hazardous waste screening criteria, though an actual STLC analysis of sample B-4-10 indicated that soluble arsenic in this sample (2.4 milligrams per liter [mg/L]) is below the STLC-based Non-Resource Conservation and Recovery Act (Non-RCRA), California hazardous waste criteria of 5 mg/L.
- Lead concentrations were not detected above regulatory screening levels.
- PCE was detected in soil vapor from six soil vapor probes at concentrations exceeding the DTSC commercial screening level for soil vapor (modified from the indoor air screening level) of 15.3 micrograms per cubic meter (µg/m^3). PCE was not detected above laboratory screening levels in the soil vapor samples collected from borings B-4 and B-6 which are located within the planned building footprint.
- Benzene was detected in soil vapor at levels exceeding the DTSC commercial screening level for soil vapor (modified from the indoor air screening level) of 14 µg/m^3 from the

seventeen-foot soil vapor probe at boring B-3. Benzene was not detected above the laboratory reporting limit in the other soil vapor samples analyzed, but it is noted that the laboratory reporting limit of 8 µg/m^3 exceeds the residential DTSC HERO HHRA screening level of 3.2 µg/m^3 (DTSC, 2022).

Based on these results, Ninyo & Moore recommended the following:

- Ninyo & Moore recommended that this SMP be followed if soil is to be disturbed during construction activities. The SMP describes the protocols for excavation, temporary stockpiling, handling, and disposal of impacted soil that may be encountered at the site. The SMP also provides guidance for monitoring requirements to be followed during excavation activities, stockpiling procedures, requirements for excavated soil waste characterization (and any resulting soil disposal requirements), sampling and analytical requirements in the event impacted soil is encountered, soil screening levels which should be used for comparison to any analytical results obtained, and any applicable regulatory reporting requirements.

- Arsenic is a naturally occurring element found in soil. The soil sample with the detected arsenic concentration that exceeded the DTSC Maximum Allowable Concentration was collected at 10 feet bgs. Exposure to soils at this depth is unlikely. If encountered, Ninyo & Moore recommended that OSHA health and safety guidance and SMP protocols should be followed.

- TPH DRO were detected in soil in borings B-4 and B-6. If encountered, Ninyo & Moore recommended that OSHA health and safety guidance and SMP protocols should be followed.

- PCE was detected above the DTSC residential screening level for soil vapor (modified from the indoor air screening level) in six soil vapor samples. If future construction activities occur in the area and depth where the sample with elevated PCE was collected, it was recommended that OSHA health and safety guidance and SMP protocols be followed.

- Benzene was detected above the DTSC commercial screening level for soil vapor (modified from the indoor air screening level) in sample SV-3-17. Additionally, though not detected above the laboratory reporting limit in the other soil vapor samples analyzed, the laboratory reporting limit was greater than the modified soil vapor DTSC residential screening level, and therefore the presence of benzene concentrations above this modified DTSC screening level across the site cannot be ruled out. It was recommended that OSHA health and safety guidance and SMP protocols be followed.

- As a result of the exceedances in soil vapor, Ninyo & Moore recommended that future soil vapor investigation of the site was warranted. Additional delineation was recommended in order to better quantify soil vapor concentrations in the subsurface prior to building construction. Additional borings for soil vapor probes were recommended to be advanced in future building footprints to assess for potential vapor intrusion at the site.

5 DEFINITIONS

Definitions of key terms used in this SMP are provided in the following sections.

5.1 Materials

For purposes of this plan, the term “materials” refers to soil, wastes, debris, and/or other surficial and subsurface materials that may be encountered during the planned excavations.

5.2 Contaminated Substance

In the context of this plan, a contaminated substance is one that contains a chemical substance, or substances, at concentrations that would: require special training, handling, or the use of personal protective equipment (PPE); restrict the end use to protect human health or the environment; be subject to local, state, or federal regulatory requirements; or necessitate an environmentally-related monetary surcharge for handling, transportation, or disposition.

Protective measures and equipment to reduce or prevent exposures from contaminated substances that may be generated or encountered during this project should be specified in the Contractor’s HSP.

5.3 Hazardous Substance

The Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 101(14), as amended, defines "hazardous substance" by referencing other environmental statutes, including:

- Clean Water Act Sections 311 and 307(a);
- Clean Air Act Section 112;
- Resource Conservation and Recovery Act (RCRA) Section 3001; and
- Toxic Substances Control Act Section 7.

There are currently approximately 1,200 CERCLA hazardous substances listed in these statutes.

5.4 Hazardous Waste

A California-hazardous waste is contaminated with a substance that meets the definition of hazardous waste as defined in the CCR, Title 22 Sections 66261.20 through 66261.24. A RCRA-hazardous waste (federal) is a contaminated substance that meets the definition of hazardous waste as defined in 40 CFR Part 261.

5.5 Competent Person

OSHA defines a Competent Person as one who is capable of identifying existing and predictable hazards in the surroundings or working conditions which are unsanitary, hazardous, or dangerous

to employees, and who has authorization to take prompt corrective measures to eliminate them. The Competent Person will take specific actions to protect site workers, Contractor personnel, persons working in the vicinity of the project area, and the general public. The Competent Person will have demonstrated knowledge of, and professional experience in the observation and documentation of environmental excavating activities; environmental and geologic conditions in the project area; and recognition of, and testing for, hazardous materials and conditions. The Competent Person will have current OSHA training and certificates, and the authority to respond to changed conditions. Typically, the Competent Person will be a state-licensed geologist, engineer, or safety and health professional with sufficient knowledge of environmental regulations and local conditions and, or a person working under the direct supervision of such a geologist, engineer or safety and health professional.

5.6 Construction Area

For the purpose of this SMP, the term “construction area” refers to areas in the vicinity of earthwork activities. Work performed shall be in compliance with the project specifications in this SMP and other project plans, as well as applicable local, state, and federal regulations.

5.7 Exclusion Zone

For the purpose of this SMP, the term “exclusion zone” refers to the immediate area where soils/materials will be disturbed during remediation-related earthwork activities within the limits of the facility. Exclusion zones will be established at each of the hot-spot areas during their respective excavations.

6 PROJECT TEAM

This section describes the project team relevant to the excavation and handling of wastes on the site, and the re-use of non-contaminated materials. One person may perform multiple roles if he/she meets the qualification requirements, and project activities do not demand the attention of more than one person.

6.1 Contractor

The Contractor shall be responsible for orchestrating and overseeing the proposed construction activities, as well as site health and safety in accordance with project documents. The Contractor shall be responsible for assigning qualified personnel to execute the work, and for selecting and managing the work of other subcontractors assigned to the project. The Contractor and/or their subcontractors will have the required licenses and certifications for hazardous substances removal, handling and transportation, as applicable.

6.2 Subcontractors

The Contractor may use subcontractors retained to execute subtasks of this project. The supervision, inspection, and approval of subcontractor work will be the responsibility of the Contractor.

7 NOTIFICATIONS

Prior to disturbing material that may contain VOCs (if identified during initial field screening) or that has the potential to release fugitive dust, the SCAQMD should be notified, as per Rule 1166 and Rules 403/1466. The Contractor will use their SCAQMD Rule 1166 (i.e., various locations or site-specific) permit for Rule 1166 monitoring, as needed.

8 HEALTH AND SAFETY PLAN

It is recommended that the Contractor prepare a HSP for the protection and safety of site personnel conducting work. The HSP should provide policies, information, requirements, and guidelines to be followed while conducting excavation activities, temporary stockpiling/storage, and handling. The HSP should be prepared in accordance with the federal and state OSHA HAZWOPER Standards: 29 CFR 1910.120 and 8 CCR Section 5192.

Contractor field personnel shall review the HSP and provide written acknowledgement of their understanding of the plan and willingness to abide by its requirements. It is recommended the Contractor perform a daily tailgate safety meeting held at the beginning of each workday to discuss relevant task-specific safety issues pertinent to that day's planned work.

9 SEGREGATION AND STOCKPILING

Activities related to potentially-contaminated materials include the excavation, segregation, and temporary stockpiling of suspected hazardous or regulated wastes. Should potentially contaminated soil and/or waste be encountered during construction activities the Contractor should notify the County's representative and the consultant's project manager. The consultant will contact appropriate regulatory agencies and request recommendations for assistance with segregation prior to continuing further excavation activities in that area. The collection of characterization samples may be required to better identify potential contaminants of concern. The Contractor shall coordinate the appropriate excavation and handling of "contaminated" and "clean" soils/materials into separate stockpiles as follows:

- **"Contaminated" Soils/Materials Stockpile:** Field observations such as odors, discoloration, PID readings, and content may also dictate additional soils to be characterized

as “contaminated”. These soils may be further segregated into either non-hazardous waste or California hazardous waste based on the results of analytical testing (see Section 13).

- **“Clean” Soil Stockpile:** Soils that are not suspected of being contaminated based on the type of soil/material encountered (such as overburden soil) and field observations (such as visible discoloration or odors) will be segregated from suspected “contaminated” soils. “Clean” stockpiles will be field-screened for indicators of contamination using a PID or submission of samples to an analytical laboratory.

Once stockpiles have been generated and segregated, waste characterization samples will be collected and transported to a fixed-base laboratory for analysis, at a minimum, for TPHs, metals, OCPs, and PAHs. Soil samples will also be analyzed for STLC and Toxicity Characteristic Leaching Procedure (TCLP) if metals concentrations are greater than 10 times the STLC or 20 times the TCLP limits. Waste characterization samples of stockpiles will be collected at a frequency of approximately one sample per 250 cubic yards of soil, depending on the selected waste disposal facility requirements. Soil stockpiles will be placed on plastic sheeting, covered, and clearly labeled designating good for reuse as backfill, Non-hazardous waste for disposal, or California hazardous waste for disposal. Daily inspection of the stockpiles should be performed.

Per the findings of the Phase II investigation (Ninyo & Moore, 2024b), if soil excavation is expected to occur at depths greater than or equal to ten feet bgs in the area near boring B-4, then special consideration should be taken in handling of soil waste and disposal, due to the detected concentrations of TPH DRO which exceeded the residential EPA RSL.

10 SOIL REUSE

Sampling and analysis of soil stockpiles will be conducted to evaluate their applicability for reuse. Stockpiled soils that exceed applicable regulatory screening levels will not be reused at the site. The volume and location of overburden soil will be documented, including its removal, segregation, stockpiling, sampling, and potential reuse onsite. Waste characterization is discussed further in Section 13.

11 STOCKPILE MANAGEMENT

The stockpiled material will be managed by the Contractor in accordance with project specifications, this document and the HSP, and (should it be required) a Storm Water Pollution Prevention Plan (SWPPP) prepared by the Contractor. The contaminated soils/materials stockpile(s) shall be managed to minimize the threat of release of contaminants or soil from the stockpile.

In general, the contaminated stockpiled soil/materials will be:

- placed onto a 6 millimeter Visqueen™ plastic sheeting;
- moistened to minimize dust emissions during stockpiling, as necessary;
- configured in such a manner that surface water runoff from the stockpile does not carry stockpile material and/or leachate beyond the stockpile perimeter berm;

11.1 Best Management Practices (BMPs)

The Contractor shall implement appropriate containment and/or pumping/storage/disposal procedures to protect the temporary stockpiles from erosion and storm water run-on and runoff. The best management practices (BMPs) may include, but are not limited to, the following:

- erosion control;
- storm water drainage control;
- secondary containment (as applicable);
- fugitive emission control of dust and/or vapors;
- wind dispersion control;
- spill prevention; and
- additional BMPs specified in the SWPPP (if it is determined a SWPPP is required for the proposed construction works).

The Contractor shall ensure that water draining from excavated soils/materials will not be allowed to flow into any existing drainage systems or onto the ground surface. BMPs shall be implemented to minimize transport of water from the stockpiles or stormwater from being released onto the ground surface or into storm drains.

11.2 Dust Control

The Contractor should comply with SCAQMD Rule 403 and 1466, which dictate dust control methods at contaminated sites, including measures to avoid visible dust emissions and tracking soil to public streets. The Contractor will monitor excavation operations for fugitive dust and take such measures, as needed, such as the application of water or a change in operations or equipment in order to minimize the generation of dust. Stockpiled soil will be covered with plastic sheeting, or other similar tarp material, when rain or wind is forecast and if the stockpile will remain for more than 24 hours.

11.3 Odor and Gas Control

During earthmoving activities (e.g., excavating, maintaining stockpiles, loading, and moving of stockpiles on the site), if there is a potential to generate odors, the Contractor shall employ odor suppression techniques to mitigate impacts to nearby sensitive receptors (e.g., businesses, residential communities, and general public). The Contractor shall implement appropriate means and methods, including application of odor suppression techniques and covering stockpiles and open excavations with plastic sheeting prior to leaving the site at the end of each workday.

12 WASTE MANAGEMENT

When overburden soil is excavated during field activities, it will be segregated into “Contaminated” and “Clean” stockpiles. The initial segregation of soils into stockpiles will be based on historical data. Soils identified as “Clean” can be reused and backfilled at the site if approved by the Client.

To evaluate the waste characterization, soil samples will be collected by the Contractor and submitted to a fixed-base laboratory for the following chemical analyses:

- California Title 22 Metals in accordance with EPA Method 6010B/7471A;
- TPH GRO, DRO, and MRO in accordance with EPA Method 8015B/5035;
- VOCs in accordance with EPA Method 8260B/5035;
- OCPs in accordance with EPA Method 8081A; and
- PAHs in accordance with EPA Method 8270 SIM.

Stockpiled soils will be characterized based on the following criteria:

- If contaminant concentrations exceed California hazardous waste screening criteria, the stockpile represented by the soil sample will be characterized as California hazardous waste and disposed of at a licensed facility.
- If contaminant concentrations are below California hazardous waste screening criteria, but above regulatory thresholds (e.g., lead exceeding 80 mg/kg, arsenic exceeding 12 mg/kg), the stockpile represented by the sample should be disposed off-site as solid non-hazardous waste, subject to meeting the STLC/TCLP waste characterization criteria described below.
- If contaminant concentrations are below regulatory thresholds, the soil stockpile represented by the sample is deemed acceptable for reuse as backfill.

Additionally, based on the results for metals in stockpile samples, additional analysis for STLC and/or TCLP to properly characterize soil waste as non-hazardous, non-RCRA (California) hazardous, or RCRA hazardous waste may be required.

13 TRANSPORTATION AND DISPOSAL

Contaminated materials encountered and removed from the site will require transportation and disposal off-site. Transporters and disposal facilities used for the project will be appropriately licensed and/or permitted and properly insured and approved by the City. The management of the transportation and disposal of wastes to the appropriate treatment, disposal, or recycling facilities will be the responsibility of the Contractor. The Contractor shall prepare waste profiles and manifests for review and Generator signature, and then forward the manifests to the appropriate disposal/recycling facility for acceptance. Subsequent to landfill/recycling facility acceptance, the Contractor shall schedule shipment of the wastes with a licensed transporter. Vehicles entering the site for loading of wastes slated for disposal shall be tracked by the Contractor. Care shall be taken to avoid potentially-contaminated materials being tracked off site.

Hazardous wastes transported off site for disposal or recycling shall be performed in accordance with Department of Transportation (DOT) Hazardous Material Transportation regulations 49 CFR Parts 171 and 180, 40 CFR Part 262, Subpart B, and Title 22 CCR Section 66262, which involve packaging, placarding, labeling, and manifesting requirements. Hazardous wastes transported shall also have appropriate certification notices per 40 CFR Par 268 and Title 22 CCR Section 66268. Personnel having the required DOT-training shall perform DOT-related functions, if/as required.

Wastes that have been characterized as California-hazardous but do not exhibit the DOT hazard class characteristics are not regulated under DOT rules for hazardous materials transportation. Furthermore, soils that are identified as clean and free of contamination can be reused at the site and backfilled if approved by the Client.

A standard Transportation Plan with figures depicting the typical haul routes from the site to disposal facilities are included in Appendix E.

14 UNANTICIPATED CONDITION OR UNKNOWN CONTAMINATION

In the event of a release, which causes a sudden hazard to life or the environment, the Contractor shall immediately secure the construction area, call “911” to summon the emergency services, as necessary, and notify the appropriate managing or supervising personnel of the health and/or environmental risk. Emergency contact names and numbers to report hazards will be posted at the project site. The Client will be notified of site conditions after any emergency notifications.

If previously unknown hazardous substances or conditions are encountered that do not present an immediate threat to human health or the environment, the Contractor shall immediately notify

the appropriate managing or supervising personnel. As necessary, the area surrounding the discovery of unknown contamination will be isolated and secured by the Contractor with markings, fencing, or a suitable barrier. The Contractor will evaluate the site condition and determine a course of action to further assess or remediate the condition. The Contractor will notify the Client on the discovered new site condition and with the recommended course of action. The Contractor will then implement the recommended action (e.g., permitting as required from applicable regulatory agencies, sampling and analyses, excavation, segregation, stockpiling, containerization, lawful disposal, reporting and other activities) as warranted.

15 LIMITATIONS

This plan has been prepared in general accordance with current regulatory guidelines and the standard-of-care exercised in preparing similar plans in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this plan. Variations in site conditions may exist and conditions not observed or described in this plan may be encountered during subsequent activities. Please also note that this plan did not include an evaluation of geotechnical conditions or potential geologic hazards.

The environmental interpretations and opinions contained in this plan are based on the results of laboratory tests and analyses intended to detect the presence and concentration of specific chemical or physical constituents in samples collected from the subject site, and on work performed by others. The testing and analyses have been conducted by independent laboratories, which are certified by the State of California to conduct such tests. Ninyo & Moore has no involvement in, or control over, such testing and analysis or work performed by others. Ninyo & Moore, therefore, disclaims responsibility for any inaccuracy in such laboratory results and work performed by others.

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

This plan is intended exclusively for use by the client. Any use or reuse of the findings, conclusions, and/or recommendations of this plan by parties other than the client is undertaken at said parties' sole risk.

16 REFERENCES

CCR see California Code of Regulations.

California Code of Regulations, Title 8, Section 1541, General Requirements, Excavations.

California Code of Regulations, Title 8, Section 5192 and 29 CFR 1910.120, Hazardous Waste Operations and Emergency Response.

California Code of Regulations, Title 22 Sections 66261.20 through 66261.24, General to Characteristic of Toxicity.

California Code of Regulations, Title 22 Section 66268, Land Disposal Restrictions.

California Regional Water Quality Control Board Santa Ana Region, 2003, Notification of Site Closure Proposal Former Unocal Service Station No. 5618, 591 The City Drive South, Orange: dated March 21

CFR see Code of Federal Regulation.

40 Code of Federal Regulation Part 261, Identification and Listing of Hazardous Waste

40 Code of Federal Regulation Par 268, Land Disposal Restrictions.

CERCLA see Comprehensive Environmental Response, Compensation, and Liability Act.

Comprehensive Environmental Response, Compensation, and Liability Act Section 101(14), Hazardous Substances Defined.

Department of Transportation (DOT) Hazardous Material Transportation regulations 49 CFR Parts 171 and 180, 40 CFR Part 262, Subpart B, and Title 22 CCR Section 66262.

DTSC, see Department of Toxic Substances Control

ENCORP, 2024, Asbestos & Lead-based Paint Inspection Report, Orange County Public Works, Old Animal Shelter, 561 The City Drive, Orange, CA 92868: dated March 25-29.

Department of Toxic Substances Control (DTSC), 2020, Human and Ecological Risk Office (HERO), Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC-SLs), revised May 2022, October.

Ninyo & Moore, 2024, Phase I Environmental Site Assessment, Workforce Reentry Center 561 The City Drive South, Orange, California 92868, dated June 14.

Ninyo & Moore, 2024, Phase II Environmental Site Assessment, Workforce Reentry Center 561 The City Drive South, Orange, California 92868, dated October 25.

OSHA see Occupational Safety and Health Administration.

Occupational Safety and Health Administration 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) training in accordance with California Code of Regulations (CCR), Title 8, Section 5192 and 29 Code of Federal Regulations (CFR) 1910.120.

RCRA see Resource Conservation and Recovery Act.

Resource Conservation and Recovery Act, 1986, Section 3001, States' Exclusion of Wastes from Regulation as Hazardous, April 16.

SCAQMD see South Coast Air Quality Management District.

South Coast Air Quality Management District (Adopted August 5, 1988), (Amended July 14, 1995) (Amended May 11, 2001), Rule 1166, Volatile Organic Compound Emissions from Decontamination of Soil.

South Coast Air Quality Management District (Adopted February 4, 1977)(Amended April 1, 1977)(Amended August 4, 1978) (Amended September 7, 1979)(Amended February 1, 1980)(Amended July 11, 1980) (Amended October 15, 1982) (Amended March 2, 1984)(Amended February 5, 1988) (Amended April 7, 1989)(Amended September 11, 1998) (Amended November 9, 2001), Rule 401 Visible Emissions.

South Coast Air Quality Management District (Adopted May 7, 1976) (Amended November 6, 1992), (Amended July 9, 1993), (Amended February 14, 1997), (Amended December 11, 1998) (Amended April 2, 2004), (Amended June 3, 2005), Rule 403 Fugitive Dust.

South Coast Air Quality Management District (Adopted July 7, 2017)(Amended December 1, 2017)(Amended June 4, 2021), Rule 1466 Control of Particulate Emissions from Soils with Toxic Air Contaminants.

SFBRWQCB, see San Francisco Bay Regional Water Quality Control Board

San Francisco Bay Regional Water Quality Control Board, 2019, Environmental Screening Levels, Summary of Soil ESLs, Revision 2, October.

TSCA see Toxic Substances Control Act.

Toxic Substances Control Act, Section 7, Imminent Hazards.

Transportation Safety Act, Hazardous Material Transportation Act, Title 49 CFR Parts 106, 107, and 171-179.

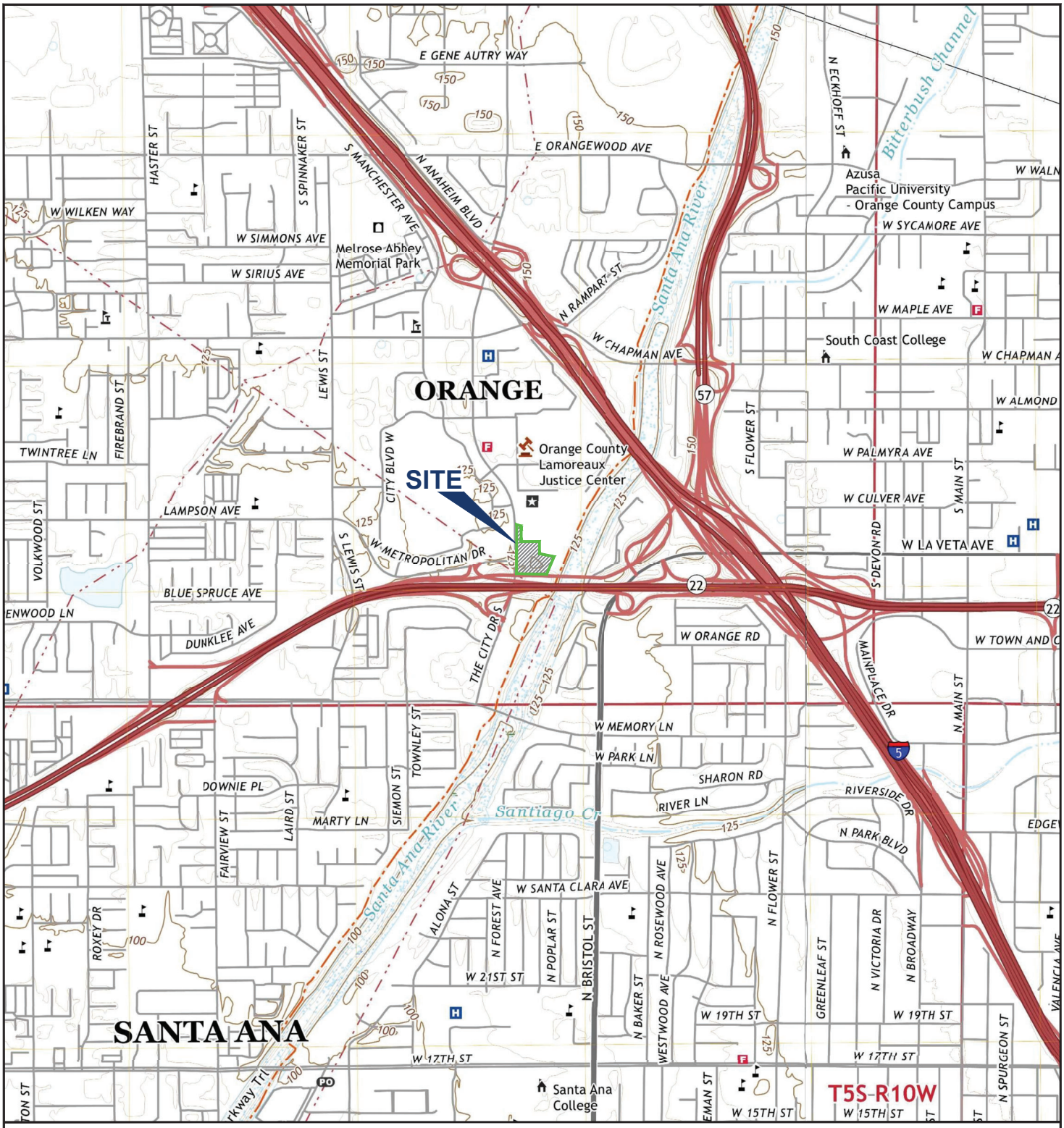
US EPA see United States Environmental Protection Agency.

United States Environmental Protection Agency, Clean Air Act Section 112.

United States Environmental Protection Agency, Clean Water Act Sections 311 and 307(a).

United States Environmental Protection Agency, 2023, Regional Screening Levels (formerly PRGs) website: http://www.epa.gov/region9/superfund/prg/, updated November.

FIGURES



NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. I REFERENCE: USGS, 2022.

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FIGURE 1

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

SITE LOCATION

561 THE CITY DRIVE SOUTH
ORANGE, CALIFORNIA

212797001 I 12/24



LEGEND

SITE BOUNDARY

B-7 BORING

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE. I REFERENCE: GOOGLE EARTH, 2024.

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FIGURE 2

Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

BORING LOCATIONS

561 THE CITY DRIVE SOUTH
ORANGE, CALIFORNIA

212797001 I 12/24

APPENDIX A

SCAQMD Rule 1166, Volatile Organic Emissions from Decontamination of Soil

(Adopted August 5, 1988)(Amended July 14, 1995)(Amended May 11, 2001)

RULE 1166. VOLATILE ORGANIC COMPOUND EMISSIONS FROM DECONTAMINATION OF SOIL

(a) Applicability

This rule sets requirements to control the emission of Volatile Organic Compounds (VOC) from excavating, grading, handling and treating VOC-contaminated soil as a result of leakage from storage or transfer operations, accidental spillage, or other deposition.

(b) Definitions

(1) EXCAVATION is the process of digging out and removing materials, including any material necessary to that process such as the digging out and removal of asphalt or concrete necessary to expose, dig out and remove known VOC contaminated soil.

(2) GRADING is the process of leveling off to produce a smooth surface including the removal of any material necessary to that process such as asphalt and concrete necessary to expose known VOC contaminated soil.

(3) SOIL DECONTAMINATION MEASURE is any process approved by the Executive Officer to remediate, destroy, remove, or encapsulate VOC and VOC-contaminated soil.

(4) UNDERGROUND STORAGE TANK means any one or combination of tanks, including pipes connected thereto, which is used for the storage of organic liquid which is more than 50% beneath the surface of the ground.

(5) VOC CONTAMINATED SOIL is a soil which registers a concentration of 50 ppm or greater of Volatile Organic Compounds as measured before suppression materials have been applied and at a distance of no more than three inches from the surface of the excavated soil with an organic vapor analyzer calibrated with hexane.

(6) VOC CONTAMINATED SOIL MITIGATION PLAN is a plan to minimize VOC emissions to the atmosphere during excavation and any subsequent handling of VOC-contaminated soil.

(7) VOLATILE ORGANIC COMPOUND (VOC) is any volatile compound of carbon, excluding methane, carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, ammonium carbonate, and exempt compounds. Exempt compounds are defined in Rule 102—Definition Of Terms.

(8) VOLATILE ORGANIC MATERIALS include gasoline, diesel, crude oil, lubricant, waste oil, adhesive, paint, stain, solvent, resin, monomer, and/or any other material containing VOC.

(c) Requirements

(1) A person excavating an underground storage tank and/or transfer piping storing or previously storing VOC materials, or excavating or grading soil containing VOC materials shall:

(A) Apply for, obtain and operate pursuant to a mitigation plan approved by the Executive Officer prior to commencement of excavation or handling. The mitigation plan general requirement and application requirements are found in Attachment A to this rule. A copy of the approved plan must be on site during the entire excavation period.

(B) Notify the Executive Officer at least 24 hours prior to excavation using a form approved by the Executive Officer which is fully completed.

If the excavation does not commence on start date, renotification is required.

An alternative notification procedure may be authorized for multiple excavations within a single facility, with prior written approval from the Executive Officer.

(C) Monitor for VOC contamination pursuant to subdivision (e), at least once every 15 minutes commencing at the beginning of excavation or grading and record all VOC concentration readings in a format approved by the Executive Officer; and

(D) When VOC-contaminated soil is detected during excavation or grading:

(i) Implement the approved mitigation plan (Attachment A).

(ii) Notify the Executive Officer within 24 hours of detection of VOC-contaminated soil.

(iii) Monitor and record VOC concentration readings as prescribed in the plan. Monitoring records must be kept available on site.

(iv) Keep calibration records for all monitoring instruments available on site.

(2) A person handling VOC-contaminated soil at or from an excavation or grading site shall:

(A) Segregate VOC-contaminated stockpiles from non-VOC contaminated stockpiles such that mixing of the stockpiles does not take place.

(B) Spray VOC-contaminated soil stockpiles with water and/or approved vapor suppressant and cover them with plastic sheeting for all periods of inactivity lasting more than one hour.

(C) Conduct a daily visual inspection of all covered VOC contaminated soil stockpiles to ensure the integrity of the plastic covered surfaces. A daily inspection record must be maintained on site.

(D) Comply with the provisions in subparagraph (c) (1)(A) and clause (c)(1)(D)(i).

(E) Maintain a record of the identification and business addresses of the generator, transporter and storage/treatment facilities. Such record shall be signed by each party at the time custody is transferred.

(F) Treat or remove contaminated soil from an excavation or grading site within 30 days from the time of excavation.

(3) If the VOC concentration in the excavated soil is measured at greater than 1000 ppm, spray the soil with water or vapor suppressant and:

(A) As soon as possible, but not more than 15 minutes, place the soil in sealed containers, or

(B) As soon as possible, but not more than 15 minutes, load into trucks, moisten with additional water, cover and transport off site, or

(C) Implement other alternative storage methods approved in writing by the Executive Officer.

(Adopted August 5, 1988)(Amended July 14, 1995)(Amended May 11, 2001)

RULE 1166. VOLATILE ORGANIC COMPOUND EMISSIONS FROM DECONTAMINATION OF SOIL

(a) Applicability

This rule sets requirements to control the emission of Volatile Organic Compounds (VOC) from excavating, grading, handling and treating VOC-contaminated soil as a result of leakage from storage or transfer operations, accidental spillage, or other deposition.

(b) Definitions

(1) EXCAVATION is the process of digging out and removing materials, including any material necessary to that process such as the digging out and removal of asphalt or concrete necessary to expose, dig out and remove known VOC contaminated soil.

(2) GRADING is the process of leveling off to produce a smooth surface including the removal of any material necessary to that process such as asphalt and concrete necessary to expose known VOC contaminated soil.

(3) SOIL DECONTAMINATION MEASURE is any process approved by the Executive Officer to remediate, destroy, remove, or encapsulate VOC and VOC-contaminated soil.

(4) UNDERGROUND STORAGE TANK means any one or combination of tanks, including pipes connected thereto, which is used for the storage of organic liquid which is more than 50% beneath the surface of the ground.

(5) VOC CONTAMINATED SOIL is a soil which registers a concentration of 50 ppm or greater of Volatile Organic Compounds as measured before suppression materials have been applied and at a distance of no more than three inches from the surface of the excavated soil with an organic vapor analyzer calibrated with hexane.

(6) VOC CONTAMINATED SOIL MITIGATION PLAN is a plan to minimize VOC emissions to the atmosphere during excavation and any subsequent handling of VOC-contaminated soil.

(7) VOLATILE ORGANIC COMPOUND (VOC) is any volatile compound of carbon, excluding methane, carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, ammonium carbonate, and exempt compounds. Exempt compounds are defined in Rule 102—Definition Of Terms.

(8) VOLATILE ORGANIC MATERIALS include gasoline, diesel, crude oil, lubricant, waste oil, adhesive, paint, stain, solvent, resin, monomer, and/or any other material containing VOC.

(c) Requirements

(1) A person excavating an underground storage tank and/or transfer piping storing or previously storing VOC materials, or excavating or grading soil containing VOC materials shall:

(A) Apply for, obtain and operate pursuant to a mitigation plan approved by the Executive Officer prior to commencement of excavation or handling. The mitigation plan general requirement and application requirements are found in Attachment A to this rule. A copy of the approved plan must be on site during the entire excavation period.

(B) Notify the Executive Officer at least 24 hours prior to excavation using a form approved by the Executive Officer which is fully completed.

If the excavation does not commence on start date, renotification is required.

An alternative notification procedure may be authorized for multiple excavations within a single facility, with prior written approval from the Executive Officer.

(C) Monitor for VOC contamination pursuant to subdivision (e), at least once every 15 minutes commencing at the beginning of excavation or grading and record all VOC concentration readings in a format approved by the Executive Officer; and

(D) When VOC-contaminated soil is detected during excavation or grading:

(i) Implement the approved mitigation plan (Attachment A).

(ii) Notify the Executive Officer within 24 hours of detection of VOC-contaminated soil.

(iii) Monitor and record VOC concentration readings as prescribed in the plan. Monitoring records must be kept available on site.

(iv) Keep calibration records for all monitoring instruments available on site.

(2) A person handling VOC-contaminated soil at or from an excavation or grading site shall:

(A) Segregate VOC-contaminated stockpiles from non-VOC contaminated stockpiles such that mixing of the stockpiles does not take place.

(B) Spray VOC-contaminated soil stockpiles with water and/or approved vapor suppressant and cover them with plastic sheeting for all periods of inactivity lasting more than one hour.

(C) Conduct a daily visual inspection of all covered VOC contaminated soil stockpiles to ensure the integrity of the plastic covered surfaces. A daily inspection record must be maintained on site.

(D) Comply with the provisions in subparagraph (c) (1)(A) and clause (c)(1)(D)(i).

(E) Maintain a record of the identification and business addresses of the generator, transporter and storage/treatment facilities. Such record shall be signed by each party at the time custody is transferred.

(F) Treat or remove contaminated soil from an excavation or grading site within 30 days from the time of excavation.

(3) If the VOC concentration in the excavated soil is measured at greater than 1000 ppm, spray the soil with water or vapor suppressant and:

(A) As soon as possible, but not more than 15 minutes, place the soil in sealed containers, or

(B) As soon as possible, but not more than 15 minutes, load into trucks, moisten with additional water, cover and transport off site, or

(C) Implement other alternative storage methods approved in writing by the Executive Officer.

(4) A person treating VOC-contaminated soil shall:

(A) Obtain a permit to construct and operate treatment equipment, as applicable, from the Executive Officer, and

(B) Implement VOC-contaminated soil decontamination measures, as approved by the Executive Officer in writing, which result in Best Available Control Technology applied during all segments, and which include, but are not limited to, at least one of the following:

(i) Installation and operation of an underground VOC collection system and a disposal system prior to excavation.

(ii) Collection and disposal of the VOC from the excavated soil on-site using equipment approved by the Executive Officer.

(iii) Any equivalent VOC-contaminated soil control measure previously approved in writing by the Executive Officer.

(5) A person shall not engage in or allow any on-site or off-site spreading, grading or screening of VOC-contaminated soil, which results in uncontrolled evaporation of VOC to the atmosphere.

(6) Loading trucks for contaminated soil must meet the following:

(A) The truck and trailer shall be adequately tarped prior to leaving the site; no excavated materials shall extend above the sides or rear of the truck or trailer to prevent soil spillage during transport, and

(B) The exterior of the truck, trailer and tires shall be cleaned off prior to the truck leaving the site.

(d) Exemptions

(1) The provisions of this rule shall not apply to the following:

(A) Excavation, handling, and treating of less than one (1) cubic yard of contaminated soil.

(B) Removal of soil for sampling purposes.

(C) Accidental spillage of five (5) gallons or less of VOC containing material.

(4) A person treating VOC-contaminated soil shall:

(A) Obtain a permit to construct and operate treatment equipment, as applicable, from the Executive Officer, and

(B) Implement VOC-contaminated soil decontamination measures, as approved by the Executive Officer in writing, which result in Best Available Control Technology applied during all segments, and which include, but are not limited to, at least one of the following:

(i) Installation and operation of an underground VOC collection system and a disposal system prior to excavation.

(ii) Collection and disposal of the VOC from the excavated soil on-site using equipment approved by the Executive Officer.

(iii) Any equivalent VOC-contaminated soil control measure previously approved in writing by the Executive Officer.

(5) A person shall not engage in or allow any on-site or off-site spreading, grading or screening of VOC-contaminated soil, which results in uncontrolled evaporation of VOC to the atmosphere.

(6) Loading trucks for contaminated soil must meet the following:

(A) The truck and trailer shall be adequately tarped prior to leaving the site; no excavated materials shall extend above the sides or rear of the truck or trailer to prevent soil spillage during transport, and

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(1) The provisions of this rule shall not apply to the following:

(A) Excavation, handling, and treating of less than one (1) cubic yard of contaminated soil.

(B) Removal of soil for sampling purposes.

(C) Accidental spillage of five (5) gallons or less of VOC containing material.

(2) The provisions of paragraphs (c)(1) and (c)(2) shall not apply to soil excavation or handling as a result of an emergency as declared by an authorized health officer, agricultural commissioner, fire protection officer, or other authorized agency officer. Whenever possible, the Executive Officer shall be notified by telephone prior to commencing such excavation. The Executive Officer shall be notified in writing no later than 48 hours following such excavation. Written notification shall include written emergency declaration from the authorized officer.

(e) Test Methods

(1) A person shall measure excavated soils for volatile organic compounds to determine contamination by:

(A) Using an organic vapor analyzer calibrated with hexane, complying with 40 CFR Part 60 Appendix A, EPA Reference Method 21 Section 3 or any equivalent method with prior approval in writing by the Executive Officer. If other calibrating gases are used, then the measured readings shall be correlated to and expressed as hexane.

(B) Placing the probe inlet at a distance of no more than three inches from the surface of the excavated soil and while slowly moving the probe across the soil surface, observe the instrument readout. If an increased meter reading is observed, continue to sample the excavated soil until the maximum meter reading is obtained. Leave the probe inlet at this maximum reading location for approximately double the instrument response time. If the maximum observed meter reading is greater than the 50 ppm standard in the regulation, record and report the results.

(2) The presence of VOC in stored or spillage materials shall be determined by SCAQMD Method 313 [Determination of Presence of Volatile Organic Compounds (VOC) in Headspace] and/or Method 304 (Determination of Volatile Organic Compounds in Various Materials) contained in the SCAQMD "Laboratory Methods of Analysis for Enforcement Samples" manual.

(f) Enforcement

(1) Violation of any provision of this rule or the violation of the approved mitigation plan shall be grounds for the Executive Officer to amend or revoke the mitigation plan, in addition to penalties provided by the Health & Safety Code.

(2) If the owner or operator is served with a Notice of Violation for creating a public nuisance, the owner or operator shall suspend operation until the public nuisance is mitigated to the satisfaction of the Executive Officer.

ATTACHMENT A
GENERAL MITIGATION PLANS REQUIREMENTS

VOC Contaminated Soil Mitigation Plans shall be written to minimize VOC emissions to the atmosphere during excavation, grading, handling and treatment of VOC contaminated soil. VOC Contaminated Soil Mitigation Plans shall consist of three types: Various Locations, Site Specific and Facility Treatment.

(1) General Requirements

(A) A plan is not transferable.

(B) A person responsible for the excavation, grading or handling of VOC contaminated soil must be completely familiar with the plan and must adhere to the plan requirement. The Executive Officer may require that the plan be signed by the owner and/or operator.

(C) A plan may be amended upon renewal.

(D) Permission to excavate, grade or handle VOC contaminated soil may be withdrawn by the District upon a finding by the Executive Officer that the excavation, grading or handling of the VOC contaminated soil is causing a public nuisance or violating other AQMD rules or regulations.

(2) Various Location Plans:

(A) Shall be limited to the excavation of 2000 cubic yards or less of VOC contaminated soil in any consecutive 12 month period at the same site.

(B) Shall not be used in conjunction with any other various location plan at the same site within a consecutive 12-month period.

(C) Shall expire after one year from issuance unless renewed.

(D) Shall not be issued for nor used for operations that involve grading, soil treatment or remediation, or landfills.

(3) Site Specific Plans:

(A) Shall be for excavation of greater than 2000 cubic yards of VOC contaminated soil.

(B) Shall be issued for specific excavation or grading locations for a period not to exceed two years.

(C) Shall not be renewable.

(4) Facility Treatment Plans:

(A) Shall be issued for a treatment facility at a permanent location.

(B) Shall expire after one year from issuance unless renewed.

(5) Applications for Site Specific Plans shall contain as a minimum:

(A) Reasons for excavation or grading.

(B) Cause of VOC soil contamination and history of the site.

(C) Description of tanks or piping associated with the soil contamination.

(D) An estimate of the amount of contaminated soil.

(E) The operating schedule for excavation and removal.

(F) Description of how the excavation or grading will be conducted.

(G) Description of mitigation measures for dust, odors and VOC.

(H) Details of disposal of VOC contaminated soil, including the ultimate receptor.

(I) Description of monitoring equipment and techniques.

(J) A map showing the facility layout, property line, and surrounding area up to 2500 feet away, and including any schools, residential areas or other sensitive receptors such as hospitals or locations where children or elderly people live or work.

(K) Designation of a person who can conduct a site inspection with the Executive Officer prior to issuance of the plan.

(6) Applications for Facility Treatment Plans shall at a minimum:

(A) Include a list of all AQMD permits to construct or operate which have been issued for that treatment and control equipment.

(B) Provide for the implementation of VOC-contaminated soil decontamination measures, as approved by the Executive Officer in writing, which result in Best Available Control Technology during all operations.

(C) Provide a map showing the facility layout including the location of all proposed VOC and non-VOC contaminated soil stockpiles.

(D) Specify the total amount of VOC contaminated soil proposed to be stockpiled on site.

(E) Provide for VOC contaminated soil stockpiles to be kept moist with water or suppressant and be covered to prevent fugitive emissions.

(F) Provide for VOC contaminated soil stockpiles to be segregated from non-VOC contaminated soil stockpiles.

(G) Provide for maintenance of records for stockpiles according to the source name, address and dates of reception.

(H) Provide for records of the generator, transporter and storage/treatment facilities and indicate their identification and business addresses. Such records shall be signed by each party at the time custody is transferred.

(I) Provide a map showing the facility layout, property line, and surrounding area up to 2500 feet away, and including any schools, residential area or other sensitive receptors such as hospitals, or locations where children or elderly people live or work.

(J) Designation of a person who can conduct a site inspection with the Executive Officer prior to issuance of the plan.

(K) Specify the operating schedule and maximum amount of VOC-contaminated soil proposed to be remediated on a daily basis.

(7) In approving a plan, the Executive Officer require reasonable conditions deemed necessary to ensure the operations comply with the plan and AQMD rules. The conditions may include, but shall not be limited to, procedures for ensuring responsibility for the implementation of the plan, accessibility to the site for AQMD staff, notification of actions required by the plan, identification of emission receptors, monitoring and testing, suppression and covering of stockpiles, prevention of public nuisance from VOC or dust emissions, prevention of fugitive emissions of VOC contaminated soil, loading of truck trailers, and disposal and treatment.

(8) In approving a plan, the Executive Officer may require any records deemed necessary to be maintained by the operator to demonstrate compliance with the plan. Such records shall be retained for at least 2 years and be made available to the Executive officer upon request.

APPENDIX B

SCAQMD Rule 401, Visible Emissions

(Adopted February 4, 1977)(Amended April 1, 1977)(Amended August 4, 1978)
(Amended September 7, 1979)(Amended February 1, 1980)(Amended July 11, 1980)
(Amended October 15, 1982)(Amended March 2, 1984)(Amended February 5, 1988)
(Amended April 7, 1989)(Amended September 11, 1998)
(Amended November 9, 2001)

RULE 401. VISIBLE EMISSIONS

(a) Definitions

For the purpose of this rule, the following definitions shall apply:

(1) KEROSENE FUEL is petroleum distillate fuel meeting diesel grade 1-D per ASTM D975-78, fuel oil grade No. 1 per ASTM D396-79, or kerosene by conventional commercial specifications.

(2) AN APPROVED SMOKE-REDUCING FUEL ADDITIVE is as approved by the Executive Officer.

(3) A SYNTHETIC ENGINE LUBRICATING OIL is as approved by the Executive Officer.

(b) Requirements

(1) A person shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(A) As dark or darker in shade as that designated No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (b)(1)(A) of this rule.

(2) Not withstanding the provisions of paragraph (b)(1) of this rule, a person shall not discharge into the atmosphere from a commercial charbroiler, excluding those operating with control equipment and those which are chain-driven, or equipment for melting, heating, or holding asphalt or coal tar pitch for on-site roof construction or repair; any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(A) As dark or darker in shade as that designated No. 2 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(B) Of such an opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (b)(2)(A) of this rule.

(3) Notwithstanding the provisions of paragraph (b)(1) of this rule, a person shall not discharge into the atmosphere from any diesel pile-driving hammer, operating exclusively using kerosene fuel, containing approved smoke-reducing fuel additives, as the sole fuel, and using only synthetic engine lubrication oil, or other method deemed technologically and economically feasible by the Executive Officer, any air contaminant for a period or periods aggregating more than four minutes during the driving of a single pile which is:

(A) As dark or darker in shade as that designated No. 2 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (b)(3)(A) of this rule.

(c) Exemptions

(1) The provisions of this rule shall not apply to the following operations:

(A) Asphalt pavement heater operations;

(B) Abrasive blasting operations;

(C) The use of visible emission generating equipment in training sessions conducted by governmental agencies necessary for certifying persons to evaluate visible emissions for compliance with this rule and with the California Health and Safety Code, Section 41704 (l).

(D) Visible emissions from ships which perform emergency boiler shutdowns, tests required by governmental agencies or maneuvers for safety purposes;

(E) Agricultural operations.

(2) The provisions of paragraph (b)(2) shall not apply to a commercial charbroiler, as described in paragraph (b)(2), on or after November 9, 2005, and thereafter the provisions of paragraph (b)(1) shall apply to such equipment.

APPENDIX C

SCAQMD Rule 403, Fugitive Dust

(Adopted May 7, 1976) (Amended November 6, 1992)
(Amended July 9, 1993) (Amended February 14, 1997)
(Amended December 11, 1998)(Amended April 2, 2004)
(Amended June 3, 2005)

RULE 403. FUGITIVE DUST

(a) Purpose

The purpose of this Rule is to reduce the amount of particulate matter entrained in the ambient air as a result of anthropogenic (man-made) fugitive dust sources by requiring actions to prevent, reduce or mitigate fugitive dust emissions.

(b) Applicability

The provisions of this Rule shall apply to any activity or man-made condition capable of generating fugitive dust.

(c) Definitions

(1) ACTIVE OPERATIONS means any source capable of generating fugitive dust, including, but not limited to, earth-moving activities, construction/demolition activities, disturbed surface area, or heavy- and light-duty vehicular movement.

(2) AGGREGATE-RELATED PLANTS are defined as facilities that produce and / or mix sand and gravel and crushed stone.

(3) AGRICULTURAL HANDBOOK means the region-specific guidance document that has been approved by the Governing Board or hereafter approved by the Executive Officer and the U.S. EPA. For the South Coast Air Basin, the Board-approved region-specific guidance document is the Rule 403 Agricultural Handbook dated December 1998. For the Coachella Valley, the Board-approved region-specific guidance document is the Rule 403 Coachella Valley Agricultural Handbook dated April 2, 2004.

(4) ANEMOMETERS are devices used to measure wind speed and direction in accordance with the performance standards, and maintenance and calibration criteria as contained in the most recent Rule 403 Implementation Handbook.

(5) BEST AVAILABLE CONTROL MEASURES means fugitive dust control actions that are set forth in Table 1 of this Rule.

(6) BULK MATERIAL is sand, gravel, soil, aggregate material less than two inches in length or diameter, and other organic or inorganic particulate matter.

(7) CEMENT MANUFACTURING FACILITY is any facility that has a cement kiln at the facility.

(8) CHEMICAL STABILIZERS are any non-toxic chemical dust suppressant which must not be used if prohibited for use by the Regional Water Quality Control Boards, the California Air Resources Board, the U.S. Environmental Protection Agency (U.S. EPA), or any applicable law, rule or regulation. The chemical stabilizers shall meet any specifications, criteria, or tests required by any federal, state, or local water agency. Unless otherwise indicated, the use of a non-toxic chemical stabilizer shall be of sufficient concentration and application frequency to maintain a stabilized surface.

(9) COMMERCIAL POULTRY RANCH means any building, structure, enclosure, or premises where more than 100 fowl are kept or maintained for the primary purpose of producing eggs or meat for sale or other distribution.

(10) CONFINED ANIMAL FACILITY means a source or group of sources of air pollution at an agricultural source for the raising of 3,360 or more fowl or 50 or more animals, including but not limited to, any structure, building, installation, farm, corral, coop, feed storage area, milking parlor, or system for the collection, storage, or distribution of solid and liquid manure; if domesticated animals, including horses, sheep, goats, swine, beef cattle, rabbits, chickens, turkeys, or ducks are corralled, penned, or otherwise caused to remain in restricted areas for commercial agricultural purposes and feeding is by means other than grazing.

(11) CONSTRUCTION/DEMOLITION ACTIVITIES means any on-site mechanical activities conducted in preparation of, or related to, the building, alteration, rehabilitation, demolition or improvement of property, including, but not limited to the following activities: grading, excavation, loading, crushing, cutting, planing, shaping or ground breaking.

(12) CONTRACTOR means any person who has a contractual arrangement to conduct an active operation for another person.

(13) DAIRY FARM is an operation on a property, or set of properties that are contiguous or separated only by a public right-of-way, that raises cows or

produces milk from cows for the purpose of making a profit or for a livelihood. Heifer and calf farms are dairy farms.

(14) DISTURBED SURFACE AREA means a portion of the earth's surface which has been physically moved, uncovered, destabilized, or otherwise modified from its undisturbed natural soil condition, thereby increasing the potential for emission of fugitive dust. This definition excludes those areas which have:

(A) been restored to a natural state, such that the vegetative ground cover and soil characteristics are similar to adjacent or nearby natural conditions;

(B) been paved or otherwise covered by a permanent structure; or

(C) sustained a vegetative ground cover of at least 70 percent of the native cover for a particular area for at least 30 days.

(15) DUST SUPPRESSANTS are water, hygroscopic materials, or non-toxic chemical stabilizers used as a treatment material to reduce fugitive dust emissions.

(16) EARTH-MOVING ACTIVITIES means the use of any equipment for any activity where soil is being moved or uncovered, and shall include, but not be limited to the following: grading, earth cutting and filling operations, loading or unloading of dirt or bulk materials, adding to or removing from open storage piles of bulk materials, landfill operations, weed abatement through disking, and soil mulching.

(17) DUST CONTROL SUPERVISOR means a person with the authority to expeditiously employ sufficient dust mitigation measures to ensure compliance with all Rule 403 requirements at an active operation.

(18) FUGITIVE DUST means any solid particulate matter that becomes airborne, other than that emitted from an exhaust stack, directly or indirectly as a result of the activities of any person.

(19) HIGH WIND CONDITIONS means that instantaneous wind speeds exceed 25 miles per hour.

(20) INACTIVE DISTURBED SURFACE AREA means any disturbed surface area upon which active operations have not occurred or are not expected to occur for a period of 20 consecutive days.

(21) LARGE OPERATIONS means any active operations on property which contains 50 or more acres of disturbed surface area; or any earth-moving operation with a daily earth-moving or throughput volume of 3,850 cubic

meters (5,000 cubic yards) or more three times during the most recent 365-day period.

(22) OPEN STORAGE PILE is any accumulation of bulk material, which is not fully enclosed, covered or chemically stabilized, and which attains a height of three feet or more and a total surface area of 150 or more square feet.

(23) PARTICULATE MATTER means any material, except uncombined water, which exists in a finely divided form as a liquid or solid at standard conditions.

(24) PAVED ROAD means a public or private improved street, highway, alley, public way, or easement that is covered by typical roadway materials, but excluding access roadways that connect a facility with a public paved roadway and are not open to through traffic. Public paved roads are those open to public access and that are owned by any federal, state, county, municipal or any other governmental or quasi-governmental agencies. Private paved roads are any paved roads not defined as public.

(25) PM_{10} means particulate matter with an aerodynamic diameter smaller than or equal to 10 microns as measured by the applicable State and Federal reference test methods.

(26) PROPERTY LINE means the boundaries of an area in which either a person causing the emission or a person allowing the emission has the legal use or possession of the property. Where such property is divided into one or more sub-tenancies, the property line(s) shall refer to the boundaries dividing the areas of all sub-tenancies.

(27) RULE 403 IMPLEMENTATION HANDBOOK means a guidance document that has been approved by the Governing Board on April 2, 2004 or hereafter approved by the Executive Officer and the U.S. EPA.

(28) SERVICE ROADS are paved or unpaved roads that are used by one or more public agencies for inspection or maintenance of infrastructure and which are not typically used for construction-related activity.

(29) SIMULTANEOUS SAMPLING means the operation of two PM_{10} samplers in such a manner that one sampler is started within five minutes of the other, and each sampler is operated for a consecutive period which must be not less than 290 minutes and not more than 310 minutes.

(30) SOUTH COAST AIR BASIN means the non-desert portions of Los Angeles, Riverside, and San Bernardino counties and all of Orange

County as defined in California Code of Regulations, Title 17, Section 60104. The area is bounded on the west by the Pacific Ocean, on the north and east by the San Gabriel, San Bernardino, and San Jacinto Mountains, and on the south by the San Diego county line.

(31) STABILIZED SURFACE means any previously disturbed surface area or open storage pile which, through the application of dust suppressants, shows visual or other evidence of surface crusting and is resistant to wind-driven fugitive dust and is demonstrated to be stabilized. Stabilization can be demonstrated by one or more of the applicable test methods contained in the Rule 403 Implementation Handbook.

(32) TRACK-OUT means any bulk material that adheres to and agglomerates on the exterior surface of motor vehicles, haul trucks, and equipment (including tires) that have been released onto a paved road and can be removed by a vacuum sweeper or a broom sweeper under normal operating conditions.

(33) TYPICAL ROADWAY MATERIALS means concrete, asphaltic concrete, recycled asphalt, asphalt, or any other material of equivalent performance as determined by the Executive Officer, and the U.S. EPA.

(34) UNPAVED ROADS means any unsealed or unpaved roads, equipment paths, or travel ways that are not covered by typical roadway materials. Public unpaved roads are any unpaved roadway owned by federal, state, county, municipal or other governmental or quasi-governmental agencies. Private unpaved roads are all other unpaved roadways not defined as public.

(35) VISIBLE ROADWAY DUST means any sand, soil, dirt, or other solid particulate matter which is visible upon paved road surfaces and which can be removed by a vacuum sweeper or a broom sweeper under normal operating conditions.

(36) WIND-DRIVEN FUGITIVE DUST means visible emissions from any disturbed surface area which is generated by wind action alone.

(37) WIND GUST is the maximum instantaneous wind speed as measured by an anemometer.

(d) Requirements

(1) No person shall cause or allow the emissions of fugitive dust from any active operation, open storage pile, or disturbed surface area such that:

(A) the dust remains visible in the atmosphere beyond the property line of the emission source; or

(B) the dust emission exceeds 20 percent opacity (as determined by the appropriate test method included in the Rule 403 Implementation Handbook), if the dust emission is the result of movement of a motorized vehicle.

(2) No person shall conduct active operations without utilizing the applicable best available control measures included in Table 1 of this Rule to minimize fugitive dust emissions from each fugitive dust source type within the active operation.

(3) No person shall cause or allow PM_{10} levels to exceed 50 micrograms per cubic meter when determined, by simultaneous sampling, as the difference between upwind and downwind samples collected on high-volume particulate matter samplers or other U.S. EPA-approved equivalent method for PM_{10} monitoring. If sampling is conducted, samplers shall be:

(A) Operated, maintained, and calibrated in accordance with 40 Code of Federal Regulations (CFR), Part 50, Appendix J, or appropriate U.S. EPA-published documents for U.S. EPA-approved equivalent method(s) for PM_{10}.

(B) Reasonably placed upwind and downwind of key activity areas and as close to the property line as feasible, such that other sources of fugitive dust between the sampler and the property line are minimized.

(4) No person shall allow track-out to extend 25 feet or more in cumulative length from the point of origin from an active operation. Notwithstanding the preceding, all track-out from an active operation shall be removed at the conclusion of each workday or evening shift.

(5) No person shall conduct an active operation with a disturbed surface area of five or more acres, or with a daily import or export of 100 cubic yards or more of bulk material without utilizing at least one of the measures listed in subparagraphs (d)(5)(A) through (d)(5)(E) at each vehicle egress from the site to a paved public road.

(A) Install a pad consisting of washed gravel (minimum-size: one inch) maintained in a clean condition to a depth of at least six inches and extending at least 30 feet wide and at least 50 feet long.

(B) Pave the surface extending at least 100 feet and at least 20 feet wide.

(C) Utilize a wheel shaker/wheel spreading device consisting of raised dividers (rails, pipe, or grates) at least 24 feet long and 10 feet wide to remove bulk material from tires and vehicle undercarriages before vehicles exit the site.

(D) Install and utilize a wheel washing system to remove bulk material from tires and vehicle undercarriages before vehicles exit the site.

(E) Any other control measures approved by the Executive Officer and the U.S. EPA as equivalent to the actions specified in subparagraphs (d)(5)(A) through (d)(5)(D).

(6) Beginning January 1, 2006, any person who operates or authorizes the operation of a confined animal facility subject to this Rule shall implement the applicable conservation management practices specified in Table 4 of this Rule.

(e) Additional Requirements for Large Operations

(1) Any person who conducts or authorizes the conducting of a large operation subject to this Rule shall implement the applicable actions specified in Table 2 of this Rule at all times and shall implement the applicable actions specified in Table 3 of this Rule when the applicable performance standards can not be met through use of Table 2 actions; and shall:

(A) submit a fully executed Large Operation Notification (Form 403 N) to the Executive Officer within 7 days of qualifying as a large operation;

(B) include, as part of the notification, the name(s), address(es), and phone number(s) of the person(s) responsible for the submittal, and a description of the operation(s), including a map depicting the location of the site;

(C) maintain daily records to document the specific dust control actions taken, maintain such records for a period of not less than three years; and make such records available to the Executive Officer upon request;

(D) install and maintain project signage with project contact signage that meets the minimum standards of the Rule 403 Implementation Handbook, prior to initiating any earthmoving activities;

(E) identify a dust control supervisor that:

(i) is employed by or contracted with the property owner or developer;

(ii) is on the site or available on-site within 30 minutes during working hours;

(iii) has the authority to expeditiously employ sufficient dust mitigation measures to ensure compliance with all Rule requirements;

(iv) has completed the AQMD Fugitive Dust Control Class and has been issued a valid Certificate of Completion for the class; and

(F) notify the Executive Officer in writing within 30 days after the site no longer qualifies as a large operation as defined by paragraph (c)(18).

(2) Any Large Operation Notification submitted to the Executive Officer or AQMD-approved dust control plan shall be valid for a period of one year from the date of written acceptance by the Executive Officer. Any Large Operation Notification accepted pursuant to paragraph (e)(1), excluding those submitted by aggregate-related plants and cement manufacturing facilities must be resubmitted annually by the person who conducts or authorizes the conducting of a large operation, at least 30 days prior to the expiration date, or the submittal shall no longer be valid as of the expiration date. If all fugitive dust sources and corresponding control measures or special circumstances remain identical to those identified in the previously accepted submittal or in an AQMD-approved dust control plan, the resubmittal may be a simple statement of no-change (Form 403NC).

(f) Compliance Schedule

The newly amended provisions of this Rule shall become effective upon adoption. Pursuant to subdivision (e), any existing site that qualifies as a large operation will have 60 days from the date of Rule adoption to comply with the notification and recordkeeping requirements for large operations. Any Large Operation

Notification or AQMD-approved dust control plan which has been accepted prior to the date of adoption of these amendments shall remain in effect and the Large Operation Notification or AQMD-approved dust control plan annual resubmittal date shall be one year from adoption of this Rule amendment.

(g) Exemptions

(1) The provisions of this Rule shall not apply to:

(A) Dairy farms.

(B) Confined animal facilities provided that the combined disturbed surface area within one continuous property line is one acre or less.

(C) Agricultural vegetative crop operations provided that the combined disturbed surface area within one continuous property line and not separated by a paved public road is 10 acres or less.

(D) Agricultural vegetative crop operations within the South Coast Air Basin, whose combined disturbed surface area includes more than 10 acres provided that the person responsible for such operations:

(i) voluntarily implements the conservation management practices contained in the Rule 403 Agricultural Handbook;

(ii) completes and maintains the self-monitoring form documenting sufficient conservation management practices, as described in the Rule 403 Agricultural Handbook; and

(iii) makes the completed self-monitoring form available to the Executive Officer upon request.

(E) Agricultural vegetative crop operations outside the South Coast Air Basin whose combined disturbed surface area includes more than 10 acres provided that the person responsible for such operations:

(i) voluntarily implements the conservation management practices contained in the Rule 403 Coachella Valley Agricultural Handbook; and

(ii) completes and maintains the self-monitoring form documenting sufficient conservation management practices, as described in the Rule 403 Coachella Valley Agricultural Handbook; and

(iii) makes the completed self-monitoring form available to the Executive Officer upon request.

(F) Active operations conducted during emergency life-threatening situations, or in conjunction with any officially declared disaster or state of emergency.

(G) Active operations conducted by essential service utilities to provide electricity, natural gas, telephone, water and sewer during periods of service outages and emergency disruptions.

(H) Any contractor subsequent to the time the contract ends, provided that such contractor implemented the required control measures during the contractual period.

(I) Any grading contractor, for a phase of active operations, subsequent to the contractual completion of that phase of earth-moving activities, provided that the required control measures have been implemented during the entire phase of earth-moving activities, through and including five days after the final grading inspection.

(J) Weed abatement operations ordered by a county agricultural commissioner or any state, county, or municipal fire department, provided that:

(i) mowing, cutting or other similar process is used which maintains weed stubble at least three inches above the soil; and

(ii) any discing or similar operation which cuts into and disturbs the soil, where watering is used prior to initiation of these activities, and a determination is made by the agency issuing the weed abatement order that, due to fire hazard conditions, rocks, or other physical obstructions, it is not practical to meet the conditions specified in clause (g)(1)(H)(i). The provisions this clause shall not exempt the owner of any property from stabilizing, in accordance with paragraph (d)(2), disturbed surface areas which have been created as a result of the weed abatement actions.

(K) sandblasting operations.

(2) The provisions of paragraphs (d)(1) and (d)(3) shall not apply:

(A) When wind gusts exceed 25 miles per hour, provided that:

(i) The required Table 3 contingency measures in this Rule are implemented for each applicable fugitive dust source type, and;

(ii) records are maintained in accordance with subparagraph (e)(1)(C).

(B) To unpaved roads, provided such roads:

(i) are used solely for the maintenance of wind-generating equipment; or

(ii) are unpaved public alleys as defined in Rule 1186; or

(iii) are service roads that meet all of the following criteria:

(a) are less than 50 feet in width at all points along the road;

(b) are within 25 feet of the property line; and

(c) have a traffic volume less than 20 vehicle-trips per day.

(C) To any active operation, open storage pile, or disturbed surface area for which necessary fugitive dust preventive or mitigative actions are in conflict with the federal Endangered Species Act, as determined in writing by the State or federal agency responsible for making such determinations.

(3) The provisions of (d)(2) shall not apply to any aggregate-related plant or cement manufacturing facility that implements the applicable actions specified in Table 2 of this Rule at all times and shall implement the applicable actions specified in Table 3 of this Rule when the applicable performance standards of paragraphs (d)(1) and (d)(3) can not be met through use of Table 2 actions.

(4) The provisions of paragraphs (d)(1), (d)(2), and (d)(3) shall not apply to:

(A) Blasting operations which have been permitted by the California Division of Industrial Safety; and

(B) Motion picture, television, and video production activities when dust emissions are required for visual effects. In order to obtain this exemption, the Executive Officer must receive notification in writing at least 72 hours in advance of any such activity and no nuisance results from such activity.

(5) The provisions of paragraph (d)(3) shall not apply if the dust control actions, as specified in Table 2, are implemented on a routine basis for

each applicable fugitive dust source type. To qualify for this exemption, a person must maintain records in accordance with subparagraph (e)(1)(C).

(6) The provisions of paragraph (d)(4) shall not apply to earth coverings of public paved roadways where such coverings are approved by a local government agency for the protection of the roadway, and where such coverings are used as roadway crossings for haul vehicles provided that such roadway is closed to through traffic and visible roadway dust is removed within one day following the cessation of activities.

(7) The provisions of subdivision (e) shall not apply to:

(A) officially-designated public parks and recreational areas, including national parks, national monuments, national forests, state parks, state recreational areas, and county regional parks.

(B) any large operation which is required to submit a dust control plan to any city or county government which has adopted a District-approved dust control ordinance.

(C) any large operation subject to Rule 1158, which has an approved dust control plan pursuant to Rule 1158, provided that all sources of fugitive dust are included in the Rule 1158 plan.

(8) The provisions of subparagraph (e)(1)(A) through (e)(1)(C) shall not apply to any large operation with an AQMD-approved fugitive dust control plan provided that there is no change to the sources and controls as identified in the AQMD-approved fugitive dust control plan.

(h) Fees

Any person conducting active operations for which the Executive Officer conducts upwind/downwind monitoring for PM_{10} pursuant to paragraph (d)(3) shall be assessed applicable Ambient Air Analysis Fees pursuant to Rule 304.1. Applicable fees shall be waived for any facility which is exempted from paragraph (d)(3) or meets the requirements of paragraph (d)(3).

TABLE 1
BEST AVAILABLE CONTROL MEASURES
(Applicable to All Construction Activity Sources)

Source Category	Control Measure	Guidance
Backfilling	01-1 Stabilize backfill material when not actively handling; and 01-2 Stabilize backfill material during handling; and 01-3 Stabilize soil at completion of activity.	✓ Mix backfill soil with water prior to moving ✓ Dedicate water truck or high capacity hose to backfilling equipment ✓ Empty loader bucket slowly so that no dust plumes are generated ✓ Minimize drop height from loader bucket
Clearing and grubbing	02-1 Maintain stability of soil through pre-watering of site prior to clearing and grubbing; and 02-2 Stabilize soil during clearing and grubbing activities; and 02-3 Stabilize soil immediately after clearing and grubbing activities.	✓ Maintain live perennial vegetation where possible ✓ Apply water in sufficient quantity to prevent generation of dust plumes
Clearing forms	03-1 Use water spray to clear forms; or 03-2 Use sweeping and water spray to clear forms; or 03-3 Use vacuum system to clear forms.	✓ Use of high pressure air to clear forms may cause exceedance of Rule requirements
Crushing	04-1 Stabilize surface soils prior to operation of support equipment; and 04-2 Stabilize material after crushing.	✓ Follow permit conditions for crushing equipment ✓ Pre-water material prior to loading into crusher ✓ Monitor crusher emissions opacity ✓ Apply water to crushed material to prevent dust plumes

TABLE 1
BEST AVAILABLE CONTROL MEASURES
(Applicable to All Construction Activity Sources)

Source Category	Control Measure	Guidance
Cut and fill	05-1 Pre-water soils prior to cut and fill activities; and 05-2 Stabilize soil during and after cut and fill activities.	✓ For large sites, pre-water with sprinklers or water trucks and allow time for penetration ✓ Use water trucks/pulls to water soils to depth of cut prior to subsequent cuts
Demolition – mechanical/manual	06-1 Stabilize wind erodible surfaces to reduce dust; and 06-2 Stabilize surface soil where support equipment and vehicles will operate; and 06-3 Stabilize loose soil and demolition debris; and 06-4 Comply with AQMD Rule 1403.	✓ Apply water in sufficient quantities to prevent the generation of visible dust plumes
Disturbed soil	07-1 Stabilize disturbed soil throughout the construction site; and 07-2 Stabilize disturbed soil between structures	✓ Limit vehicular traffic and disturbances on soils where possible ✓ If interior block walls are planned, install as early as possible ✓ Apply water or a stabilizing agent in sufficient quantities to prevent the generation of visible dust plumes
Earth-moving activities	08-1 Pre-apply water to depth of proposed cuts; and 08-2 Re-apply water as necessary to maintain soils in a damp condition and to ensure that visible emissions do not exceed 100 feet in any direction; and 08-3 Stabilize soils once earth-moving activities are complete.	✓ Grade each project phase separately, timed to coincide with construction phase ✓ Upwind fencing can prevent material movement on site ✓ Apply water or a stabilizing agent in sufficient quantities to prevent the generation of visible dust plumes

TABLE 1
BEST AVAILABLE CONTROL MEASURES
(Applicable to All Construction Activity Sources)

Source Category	Control Measure	Guidance
Importing/exporting of bulk materials	09-1 Stabilize material while loading to reduce fugitive dust emissions; and 09-2 Maintain at least six inches of freeboard on haul vehicles; and 09-3 Stabilize material while transporting to reduce fugitive dust emissions; and 09-4 Stabilize material while unloading to reduce fugitive dust emissions; and 09-5 Comply with Vehicle Code Section 23114.	✓ Use tarps or other suitable enclosures on haul trucks ✓ Check belly-dump truck seals regularly and remove any trapped rocks to prevent spillage ✓ Comply with track-out prevention/mitigation requirements ✓ Provide water while loading and unloading to reduce visible dust plumes
Landscaping	10-1 Stabilize soils, materials, slopes	✓ Apply water to materials to stabilize ✓ Maintain materials in a crusted condition ✓ Maintain effective cover over materials ✓ Stabilize sloping surfaces using soil binders until vegetation or ground cover can effectively stabilize the slopes ✓ Hydroseed prior to rain season
Road shoulder maintenance	11-1 Apply water to unpaved shoulders prior to clearing; and 11-2 Apply chemical dust suppressants and/or washed gravel to maintain a stabilized surface after completing road shoulder maintenance.	✓ Installation of curbing and/or paving of road shoulders can reduce recurring maintenance costs ✓ Use of chemical dust suppressants can inhibit vegetation growth and reduce future road shoulder maintenance costs

TABLE 1
BEST AVAILABLE CONTROL MEASURES
(Applicable to All Construction Activity Sources)

Source Category	Control Measure	Guidance
Screening	12-1 Pre-water material prior to screening; and 12-2 Limit fugitive dust emissions to opacity and plume length standards; and 12-3 Stabilize material immediately after screening.	✓ Dedicate water truck or high capacity hose to screening operation ✓ Drop material through the screen slowly and minimize drop height ✓ Install wind barrier with a porosity of no more than 50% upwind of screen to the height of the drop point
Staging areas	13-1 Stabilize staging areas during use; and 13-2 Stabilize staging area soils at project completion.	✓ Limit size of staging area ✓ Limit vehicle speeds to 15 miles per hour ✓ Limit number and size of staging area entrances/exists
Stockpiles/ Bulk Material Handling	14-1 Stabilize stockpiled materials. 14-2 Stockpiles within 100 yards of off-site occupied buildings must not be greater than eight feet in height; or must have a road bladed to the top to allow water truck access or must have an operational water irrigation system that is capable of complete stockpile coverage.	✓ Add or remove material from the downwind portion of the storage pile ✓ Maintain storage piles to avoid steep sides or faces

TABLE 1
BEST AVAILABLE CONTROL MEASURES
(Applicable to All Construction Activity Sources)

Source Category	Control Measure	Guidance
Traffic areas for construction activities	15-1 Stabilize all off-road traffic and parking areas; and 15-2 Stabilize all haul routes; and 15-3 Direct construction traffic over established haul routes.	✓ Apply gravel/paving to all haul routes as soon as possible to all future roadway areas ✓ Barriers can be used to ensure vehicles are only used on established parking areas/haul routes
Trenching	16-1 Stabilize surface soils where trencher or excavator and support equipment will operate; and 16-2 Stabilize soils at the completion of trenching activities.	✓ Pre-watering of soils prior to trenching is an effective preventive measure. For deep trenching activities, pre-trench to 18 inches soak soils via the pre-trench and resuming trenching ✓ Washing mud and soils from equipment at the conclusion of trenching activities can prevent crusting and drying of soil on equipment
Truck loading	17-1 Pre-water material prior to loading; and 17-2 Ensure that freeboard exceeds six inches (CVC 23114)	✓ Empty loader bucket such that no visible dust plumes are created ✓ Ensure that the loader bucket is close to the truck to minimize drop height while loading
Turf Overseeding	18-1 Apply sufficient water immediately prior to conducting turf vacuuming activities to meet opacity and plume length standards; and 18-2 Cover haul vehicles prior to exiting the site.	✓ Haul waste material immediately off-site

TABLE 1
BEST AVAILABLE CONTROL MEASURES
(Applicable to All Construction Activity Sources)

Source Category	Control Measure		Guidance
Unpaved roads/parking lots	19-1	Stabilize soils to meet the applicable performance standards; and	✓ Restricting vehicular access to established unpaved travel paths and parking lots can reduce stabilization requirements
	19-2	Limit vehicular travel to established unpaved roads (haul routes) and unpaved parking lots.	
Vacant land	20-1	In instances where vacant lots are 0.10 acre or larger and have a cumulative area of 500 square feet or more that are driven over and/or used by motor vehicles and/or off-road vehicles, prevent motor vehicle and/or off-road vehicle trespassing, parking and/or access by installing barriers, curbs, fences, gates, posts, signs, shrubs, trees or other effective control measures.	

Table 2
DUST CONTROL MEASURES FOR LARGE OPERATIONS

FUGITIVE DUST SOURCE CATEGORY		CONTROL ACTIONS
Earth-moving (except construction cutting and filling areas, and mining operations)	(1a)	Maintain soil moisture content at a minimum of 12 percent, as determined by ASTM method D-2216, or other equivalent method approved by the Executive Officer, the California Air Resources Board, and the U.S. EPA. Two soil moisture evaluations must be conducted during the first three hours of active operations during a calendar day, and two such evaluations each subsequent four-hour period of active operations; OR
	(1a-1)	For any earth-moving which is more than 100 feet from all property lines, conduct watering as necessary to prevent visible dust emissions from exceeding 100 feet in length in any direction.
Earth-moving: Construction fill areas:	(1b)	Maintain soil moisture content at a minimum of 12 percent, as determined by ASTM method D-2216, or other equivalent method approved by the Executive Officer, the California Air Resources Board, and the U.S. EPA. For areas which have an optimum moisture content for compaction of less than 12 percent, as determined by ASTM Method 1557 or other equivalent method approved by the Executive Officer and the California Air Resources Board and the U.S. EPA, complete the compaction process as expeditiously as possible after achieving at least 70 percent of the optimum soil moisture content. Two soil moisture evaluations must be conducted during the first three hours of active operations during a calendar day, and two such evaluations during each subsequent four-hour period of active operations.

Table 2 (Continued)

FUGITIVE DUST SOURCE CATEGORY	CONTROL ACTIONS	
Earth-moving: Construction cut areas and mining operations:	(1c)	Conduct watering as necessary to prevent visible emissions from extending more than 100 feet beyond the active cut or mining area unless the area is inaccessible to watering vehicles due to slope conditions or other safety factors.
Disturbed surface areas (except completed grading areas)	(2a/b)	Apply dust suppression in sufficient quantity and frequency to maintain a stabilized surface. Any areas which cannot be stabilized, as evidenced by wind driven fugitive dust must have an application of water at least twice per day to at least 80 percent of the unstabilized area.
Disturbed surface areas: Completed grading areas	(2c)	Apply chemical stabilizers within five working days of grading completion; OR
	(2d)	Take actions (3a) or (3c) specified for inactive disturbed surface areas.
Inactive disturbed surface areas	(3a)	Apply water to at least 80 percent of all inactive disturbed surface areas on a daily basis when there is evidence of wind driven fugitive dust, excluding any areas which are inaccessible to watering vehicles due to excessive slope or other safety conditions; OR
	(3b)	Apply dust suppressants in sufficient quantity and frequency to maintain a stabilized surface; OR
	(3c)	Establish a vegetative ground cover within 21 days after active operations have ceased. Ground cover must be of sufficient density to expose less than 30 percent of unstabilized ground within 90 days of planting, and at all times thereafter; OR
	(3d)	Utilize any combination of control actions (3a), (3b), and (3c) such that, in total, these actions apply to all inactive disturbed surface areas.

Table 2 (Continued)

FUGITIVE DUST SOURCE CATEGORY	CONTROL ACTIONS	
Unpaved Roads	(4a)	Water all roads used for any vehicular traffic at least once per every two hours of active operations [3 times per normal 8 hour work day]; OR
	(4b)	Water all roads used for any vehicular traffic once daily and restrict vehicle speeds to 15 miles per hour; OR
	(4c)	Apply a chemical stabilizer to all unpaved road surfaces in sufficient quantity and frequency to maintain a stabilized surface.
Open storage piles	(5a)	Apply chemical stabilizers; OR
	(5b)	Apply water to at least 80 percent of the surface area of all open storage piles on a daily basis when there is evidence of wind driven fugitive dust; OR
	(5c)	Install temporary coverings; OR
	(5d)	Install a three-sided enclosure with walls with no more than 50 percent porosity which extend, at a minimum, to the top of the pile. This option may only be used at aggregate-related plants or at cement manufacturing facilities.
All Categories	(6a)	Any other control measures approved by the Executive Officer and the U.S. EPA as equivalent to the methods specified in Table 2 may be used.

TABLE 3
CONTINGENCY CONTROL MEASURES FOR LARGE OPERATIONS

FUGITIVE DUST SOURCE CATEGORY	CONTROL MEASURES
Earth-moving	(1A) Cease all active operations; OR (2A) Apply water to soil not more than 15 minutes prior to moving such soil.
Disturbed surface areas	(0B) On the last day of active operations prior to a weekend, holiday, or any other period when active operations will not occur for not more than four consecutive days: apply water with a mixture of chemical stabilizer diluted to not less than 1/20 of the concentration required to maintain a stabilized surface for a period of six months; OR (1B) Apply chemical stabilizers prior to wind event; OR (2B) Apply water to all unstabilized disturbed areas 3 times per day. If there is any evidence of wind driven fugitive dust, watering frequency is increased to a minimum of four times per day; OR (3B) Take the actions specified in Table 2, Item (3c); OR (4B) Utilize any combination of control actions (1B), (2B), and (3B) such that, in total, these actions apply to all disturbed surface areas.
Unpaved roads	(1C) Apply chemical stabilizers prior to wind event; OR (2C) Apply water twice per hour during active operation; OR (3C) Stop all vehicular traffic.
Open storage piles	(1D) Apply water twice per hour; OR (2D) Install temporary coverings.
Paved road track-out	(1E) Cover all haul vehicles; OR (2E) Comply with the vehicle freeboard requirements of Section 23114 of the California Vehicle Code for both public and private roads.
All Categories	(1F) Any other control measures approved by the Executive Officer and the U.S. EPA as equivalent to the methods specified in Table 3 may be used.

Table 4
(Conservation Management Practices for Confined Animal Facilities)

SOURCE CATEGORY	CONSERVATION MANAGEMENT PRACTICES
Manure Handling **(Only applicable to Commercial Poultry Ranches)**	(1a) Cover manure prior to removing material off-site; AND (1b) Spread the manure before 11:00 AM and when wind conditions are less than 25 miles per hour; AND (1c) Utilize coning and drying manure management by removing manure at laying hen houses at least twice per year and maintain a base of no less than 6 inches of dry manure after clean out; or in lieu of complying with conservation management practice (1c), comply with conservation management practice (1d). (1d) Utilize frequent manure removal by removing the manure from laying hen houses at least every seven days and immediately thin bed dry the material.
Feedstock Handling	(2a) Utilize a sock or boot on the feed truck auger when filling feed storage bins.
Disturbed Surfaces	(3a) Maintain at least 70 percent vegetative cover on vacant portions of the facility; OR (3b) Utilize conservation tillage practices to manage the amount, orientation and distribution of crop and other plant residues on the soil surface year-round, while growing crops (if applicable) in narrow slots or tilled strips; OR (3c) Apply dust suppressants in sufficient concentrations and frequencies to maintain a stabilized surface.
Unpaved Roads	(4a) Restrict access to private unpaved roads either through signage or physical access restrictions and control vehicular speeds to no more than 15 miles per hour through worker notifications, signage, or any other necessary means; OR (4b) Cover frequently traveled unpaved roads with low silt content material (i.e., asphalt, concrete, recycled road base, or gravel to a minimum depth of four inches); OR (4c) Treat unpaved roads with water, mulch, chemical dust suppressants or other cover to maintain a stabilized surface.
Equipment Parking Areas	(5a) Apply dust suppressants in sufficient quantity and frequency to maintain a stabilized surface; OR (5b) Apply material with low silt content (i.e., asphalt, concrete, recycled road base, or gravel to a depth of four inches).

APPENDIX D

SCAQMD Rule 1466, Control of Particulate Emissions from Soils with Toxic Air Contaminants

(Adopted July 7, 2017)(Amended December 1, 2017)(Amended June 4, 2021)

RULE 1466. CONTROL OF PARTICULATE EMISSIONS FROM SOILS WITH TOXIC AIR CONTAMINANTS

(a) Purpose

The purpose of this rule is to minimize the amount of off-site fugitive dust emissions containing toxic air contaminants by reducing particulate emissions in the ambient air as a result of earth-moving activities, including, dredging, excavating, grading, earth-cutting and filling, loading, unloading, handling, mechanized land clearing, treating, stockpiling, transferring, and removing of soil that contains applicable toxic air contaminants, from sites that meet the applicability requirements of subdivision (b).

(b) Applicability

(1) This rule shall apply to any owner or operator conducting earth-moving activities of soil with applicable toxic air contaminant(s) as defined in paragraph (c)(16) that have been identified as contaminant(s) of concern at a site that has been designated and notified by:

(A) The U.S. Environmental Protection Agency (U.S. EPA) as a Superfund National Priorities List site;

(B) The California Department of Toxic Substances Control (DTSC) as a Brownfield or Cleanup Program site;

(C) The State Water Resources Control Board (State Water Board) or Regional Water Quality Control Board (Regional Water Board) as a Site Cleanup Program site;

(D) A county, local, or state regulatory agency as a Hazardous Material Release site, as defined in California Health and Safety Code Section 25260; or

(E) The Executive Officer pursuant to subdivision (i).

(2) This rule shall not apply to:

(A) Earth-moving activities of soil with applicable toxic air contaminant(s) of less than 50 cubic yards; or

(B) Removal of soil for sampling purposes.

(c) Definitions

(1) ADEQUATELY WET means the condition of being sufficiently mixed or penetrated with water to prevent the release of particulates or visible emissions. The process by which an adequately wet condition is achieved is by using a dispenser

or water hose with a nozzle that permits the use of a fine, low-pressure spray or mist.

(c) (2) ADJACENT ATHLETIC AREA means any outdoor athletic field or park where youth organized sports occur that is in physical contact or separated solely by a public roadway or other public right-of-way to a SCHOOL.

(3) ADJOINING means in physical contact with or separated solely by a public roadway or other public right-of-way.

(4) CHEMICAL STABILIZERS means any non-toxic chemicals that are used to bind soil together to control FUGITIVE DUST emissions.

(5) DISTURBED SURFACE AREA means a portion of the earth's surface which has been physically moved, uncovered, destabilized, or otherwise modified from its undisturbed natural soil condition, thereby increasing the potential for FUGITIVE DUST. This definition excludes those areas which have:

(A) Been restored to a natural state, such that the vegetative ground cover and soil characteristics are similar to adjacent or nearby natural conditions;

(B) Been paved or otherwise covered by a permanent structure; or

(C) Sustained a vegetative ground cover of at least 70 percent of the native cover for a particular area for at least 30 days.

(6) DUST SUPPRESSANTS means water or hygroscopic materials, other than CHEMICAL STABILIZERS, that are used as a treatment material to reduce FUGITIVE DUST emissions.

(7) EARTH-MOVING ACTIVITIES means, for the purpose of this rule, any activity on a site that meets the applicability requirements of subdivision (b) where SOIL WITH APPLICABLE TOXIC AIR CONTAMINANT(S) is being moved or uncovered, including: dredging, excavating, grading, earth-cutting and filling operations, loading, unloading, handling, mechanized land clearing, treating, transferring, removing, and adding to or removing from STOCKPILES, and vehicular movement of equipment associated with these activities. EARTH-MOVING ACTIVITIES do not include vehicular movement from: delivery vehicles, passenger vehicles transporting personnel to and from the site, vehicles used for administrative purposes, vehicles transporting personnel for the purposes of soil sampling and conducting ambient PM_{10} monitoring requirements, watering trucks, and equipment used exclusively on a portion(s) of the site where there is no SOIL WITH APPLICABLE TOXIC AIR CONTAMINANT(S).

(c) (8) FUGITIVE DUST means, for the purpose of this rule, any solid particulate matter that is in contact with ambient air and has the potential to become airborne, other than solid particulate matter that is emitted from an exhaust stack.

(9) JOINT USE AGREEMENT PROPERTY means a shared public facility in which a formal agreement exists between a SCHOOL and another government entity setting forth the terms and conditions for shared use.

(10) OWNER OR OPERATOR means any firm, business establishment, association, partnership, corporation or individual, whether acting as principal, agent, employee, contractor, or other capacity.

(11) PAVED ROAD means a public or private improved street, highway, alley, public way, or easement that is covered by typical roadway materials, but excludes access roadways that connect a facility with a public paved roadway and are not open to through traffic. Public paved roads are those open to public access and that are owned by any federal, state, county, municipal, or any other governmental or quasi-governmental agencies. Private paved roads are any PAVED ROADS not defined as public.

(12) PROPERTY LINE means the boundary of an area where a person has the legal use or possession of the property. Where such property is divided into one or more sub-tenancies, the property line(s) shall refer to the boundaries dividing the areas of all sub-tenancies.

(13) SCHOOL means any public or private education center, including juvenile detention facilities with classrooms, used for the education of more than 12 children at the education center in kindergarten through grade 12. A SCHOOL also includes an Early Learning and Developmental Program by the U.S. Department of Education or any state or local early learning and development programs such as preschools, Early Head Starts, Head Start, First Five, and Child Development Centers. A SCHOOL does not include any private education center in which education is primarily conducted in private homes. A SCHOOL includes any building or structure, playground, athletic field, or other area of school property.

(14) SLAG means, for the purpose of this rule, the by-product material that is separated from metals during smelting or refining of ore.

(15) SOIL means dirt, sand, gravel, clay, SLAG, and aggregate material less than two inches in length or diameter, and other organic or inorganic particulate matter.

(16) SOIL WITH APPLICABLE TOXIC AIR CONTAMINANT(S) means, for the purpose of this rule, SOIL that has been identified by the U.S. EPA, the DTSC, the

State Water Board, the Regional Water Board, or a county, local, or state regulatory agency, to contain one or more of the applicable toxic air contaminants listed in Table I that exceed action levels as specified by the designating agency, or soil that has been identified by the Executive Officer to contain one or more of the toxic air contaminants listed in Rule 1401 – New Source Review of Toxic Air Contaminants (Table I) or Hazardous Air Pollutants Identified as Toxic Air Contaminants as listed in California Code of Regulations Section 93001, excluding volatile organic compounds regulated under Rule 1166 – Volatile Organic Compound Emissions from Decontamination of Soil.

(c) (17) STABILIZED SURFACE means any previously DISTURBED SURFACE AREA or STOCKPILE, which through the application of CHEMICAL STABILIZERS or DUST SUPPRESSANTS, shows visual or other evidence of surface crusting and is resistant to WIND-DRIVEN FUGITIVE DUST, and is demonstrated to be stabilized. Stabilization can be demonstrated by one or more of the applicable test methods contained in the most current version of the South Coast AQMD *Rule 403 Fugitive Dust Implementation Handbook* or in Volumes I and II of South Coast AQMD's *Dust Control in the Coachella Valley*.

(18) STOCKPILE means any accumulation of SOIL, which is not fully enclosed and which attains a height of three feet or more and a total surface area of 150 square feet or more.

(19) TRACK-OUT means, for the purpose of this rule, any SOIL that adheres to and agglomerates on the exterior surface of motor vehicles, haul trucks, and equipment (including tires) that has been released onto a PAVED ROAD and that can be removed by a vacuum sweeper under normal operating conditions.

(20) WIND-DRIVEN FUGITIVE DUST means visible emissions from any DISTURBED SURFACE AREA, which is generated by wind action alone.

(d) Monitoring Requirements

(1) When on-site earth-moving activities occur, the owner or operator shall conduct continuous direct-reading near real-time ambient monitoring of PM_{10} concentrations pursuant to paragraph (d)(3).

(2) If the PM_{10} concentration exceeds 25 micrograms per cubic meter, as measured pursuant to paragraph (d)(3) and as determined pursuant to paragraph (d)(9), the owner or operator shall cease on-site earth-moving activities, apply dust suppressant to fugitive dust sources, or implement other dust control measures as

necessary until the PM_{10} concentration is equal to or less than 25 micrograms per cubic meter averaged over 30 minutes.

(d) (3) The owner or operator conducting on-site earth-moving activities shall install PM_{10} monitors and conduct ambient PM_{10} monitoring:

(A) In accordance with a U.S. EPA-approved equivalent method for PM_{10} monitoring or using a Rule 1466 Approved PM_{10} Monitor;

(B) Using a minimum of two monitors, placing each monitor as close to the property line as feasible, where:

(i) One or more monitors is in the seasonal prevailing wind direction upwind of the area(s) of on-site earth-moving activity, indicative of background PM_{10} levels, and not generally influenced by fugitive dust sources from the site; and

(ii) One or more monitors is in the seasonal prevailing wind direction downwind of the area(s) of on-site earth-moving activity;

(C) Using PM_{10} monitors that are identical in: make and model, settings, and configuration; and

(D) Using ambient PM_{10} monitors that are operated, maintained, and calibrated in accordance with appropriate U.S. EPA-published documents for U.S. EPA-approved equivalent methods for PM_{10} and manufacturer's instructions.

(4) On and before December 31, 2021, the owner or operator shall collect ambient PM_{10} data with a data acquisition system (DAS) that is capable of logging direct-reading near real-time data providing the date, time, and PM_{10} concentration in micrograms per cubic meter every 10 minutes or less.

(5) On and after January 1, 2022, the owner or operator shall collect ambient PM_{10} data with a DAS that is capable of logging direct-reading near real-time data providing the date and time, calibrated to Pacific Standard Time (PST), and PM_{10} concentration in micrograms per cubic meter every 1 minute or less.

(6) On and after January 1, 2022, the owner or operator shall operate PM_{10} monitors with the heated sampler inlet on.

(7) On and after January 1, 2022, prior to conducting any on-site earth-moving activities, and weekly thereafter, the owner operator shall conduct intra-instrument precision tests with the PM_{10} monitors in accordance with *Appendix 2 – Procedures to Demonstrate Intra-Instrument Precision,* or make available documentation and supporting data certifying that such intra-instrument precision tests were run by an

equipment rental company or other third party, that demonstrate an intra-instrument precision of:

(d) (7) (A) No more than 25 percent as calculated pursuant to Step 7a in *Appendix 2* when ambient PM_{10} concentrations are equal to or greater than 15 micrograms per cubic meter; or

(B) No more than 5 micrograms per cubic meter as calculated pursuant to Step 7b in *Appendix 2* when ambient PM_{10} concentrations are less than 15 micrograms per cubic meter.

(8) On and after January 1, 2022, each day prior to conducting on-site earth-moving activities, the owner or operator shall conduct a passing zero check on each PM_{10} monitor in accordance with:

(A) Steps 4 and 5 of *Appendix 2* that demonstrates an average PM_{10} concentration of 0 ± 3 micrograms per cubic meter; or

(B) Manufacturer's instructions if a monitor is operated using an auto-zero check procedure that directs filtered particle-free air into the measurement chamber.

(9) The owner or operator shall calculate the PM_{10} concentration as a 120-minute rolling average, where:

(A) The initial average starts at the commencement of on-site earth-moving activities and ends 120 minutes after the commencement of on-site earth-moving activities;

(B) On and before December 31, 2021, the averages subsequent to the initial average specified in subparagraph (d)(9)(A) are to be calculated every 10 minutes and cover the previous 120-minute period;

(C) On and after January 1, 2022, the averages subsequent to the initial average specified in subparagraph (d)(9)(A) are to be calculated every 1 minute and cover the previous 120-minute period;

(D) The PM_{10} concentration is calculated by subtracting the results of the upwind monitor(s) from the downwind monitor(s) for the same averaging period;

(i) If the wind direction is in the seasonal prevailing wind direction, then the monitor(s) described pursuant to clause (d)(3)(B)(i) shall be designated as the upwind monitor(s) and the monitor(s) described pursuant to clause (d)(3)(B)(ii) shall be designated as the downwind monitor(s); and

(d) (9) (D) (ii) If there is greater than a ± 90 degree change in wind direction from the seasonal prevailing wind direction, then the monitor(s) described pursuant to clause (d)(3)(B)(i) shall be designated as the downwind monitor(s) and the monitor(s) described pursuant to clause (d)(3)(B)(ii) shall be designated as the upwind monitor(s);

(E) If there is more than one upwind monitor, the upwind result is the average concentration of all upwind monitors for the same rolling averaging period;

(F) If there is more than one downwind monitor, the downwind result is the maximum concentration of any of the downwind monitors for the same rolling averaging period;

(G) On and before December 31, 2021, when on-site earth-moving activities resume after ceasing pursuant to paragraph (d)(2), the average shall start when on-site earth-moving activities resume and shall end 120 minutes after on-site earth-moving activities resume, and the subsequent averages are to be calculated every 10 minutes and shall cover the previous 120-minute period; and

(H) On and after January 1, 2022, when on-site earth-moving activities resume after ceasing pursuant to paragraph (d)(2), the average shall start when on-site earth-moving activities resume and shall end 120 minutes after on-site earth-moving activities resume, and the subsequent averages are to be calculated every one minute and shall cover the previous 120-minute period.

(10) An owner or operator that elects to move the monitors accordingly when there is a change in wind direction in place of meeting the requirements specified in clauses (d)(3)(B)(i), (d)(3)(B)(ii), (d)(9)(D)(i), and (d)(9)(D)(ii), shall:

(A) Place a minimum of one upwind monitor in the upwind direction of the area(s) of on-site earth-moving activity, indicative of background PM_{10} levels, and not generally influenced by fugitive dust sources from the site;

(B) Place a minimum of one downwind monitor in the downwind direction of the area(s) of on-site earth-moving activity; and

(C) Move the monitor(s) in subparagraph (d)(10)(A) to the new upwind location and the monitor(s) in subparagraph (d)(10)(B) to the new downwind location when there is a change in wind direction.

(11) In the event that a DAS fails to log ambient PM_{10} data pursuant to paragraph (d)(5) or that the data management system integrated with the PM_{10} monitor(s) and

DAS(s) fails to calculate PM_{10} concentrations pursuant to subparagraph (d)(9)(C) due to a technical issue beyond the reasonable control of an owner or operator, including, but not limited to, internet connection disruptions and computer malfunctions, the owner or operator shall:

(d) (11) (A) Restore the DAS or data management system to working condition as soon as practicable and no later than the start of the next working day; and

(B) Manually record the PM_{10} concentration from the monitor(s) associated with the non-operational DAS once every 10 minutes or less and calculate the PM_{10} concentration pursuant to the averages specified in subparagraph (d)(9)(B) until the DAS is restored or calculate the PM_{10} concentration pursuant to the averages specified in subparagraph (d)(9)(B) until the data management system is restored.

(12) When conducting ambient PM_{10} monitoring as required in paragraph (d)(1), the owner or operator shall monitor wind direction and speed using a minimum of one stationary anemometer or wind sensor that:

(A) Is sited over open, level terrain within the project site with minimal obstructions to the wind flow at a minimum height of eight feet above grade;

(B) Meets the performance criteria of:

(i) Wind direction accuracy of ± 7 degrees and resolution of 1 degree; and

(ii) Wind speed accuracy of 2 miles per hour (mph) or ± 5 percent of the observed wind speed, whichever is greater, and resolution of 1 mph;

(C) Has a National Institute of Standards and Technology (NIST) Traceability certification;

(D) Is equipped with a data logger that records wind direction and speed data once every 1 minute or less and archives the recorded wind direction and speed data, including the date and time, calibrated to PST; and

(E) Is operated, calibrated, and maintained in accordance with manufacturer's specifications, but no less frequent than once every 6 months of cumulative operation.

(13) The Executive Officer may approve a PM_{10} monitor to be added as a Rule 1466 Approved PM_{10} Monitor if the PM_{10} monitor meets the specifications listed in *Appendix 1 – Rule 1466 Approved PM_{10} Monitors*. The request for a PM_{10} monitor to be added as a Rule 1466 Approved PM_{10} Monitor shall:

(A) Be submitted to Rule1466ApprovedMonitors@aqmd.gov;

(d) (13) (B) Include a description of the PM_{10} monitor, any accessories, and all monitor specifications; and

(C) Include documentation demonstrating compliance with each specification listed in *Appendix 1*.

(e) Requirements to Minimize Fugitive Dust Emissions

(1) On and before December 31, 2021, an owner or operator shall not conduct on-site earth-moving activities unless the area is surrounded with fencing that is a minimum of 6 feet tall and at least as tall as the height of the tallest stockpile, with a windscreen that has a porosity of 50 ± 5 percent. A section of the perimeter surrounding an on-site earth-moving activity area may be excluded from this requirement if that section:

(A) Has a solid physical barrier, such as a solid wall or other solid feature that minimizes air flow, that is a minimum of 6 feet tall but at least 6 inches taller than the height of the tallest stockpile; or

(B) Does not have on-site earth-moving activity occurring within 300 feet from the perimeter of that section.

(2) On and after January 1, 2022, an owner or operator shall not conduct on-site earth-moving activities unless the area is surrounded with fencing that is a minimum of 6 feet tall but at least 6 inches taller than the height of the tallest stockpile, with a windscreen that has a porosity of 50 ± 5 percent or a mesh windscreen that has a shade value or opacity of 85 ± 5 percent. A section of the perimeter surrounding an on-site earth-moving activity area may be excluded from this requirement if that section meets the conditions as specified in subparagraph (e)(1)(A) or (e)(1)(B).

(3) An owner or operator conducting on-site earth-moving activities shall:

(A) Adequately wet to the depth of earth-moving activity and allow time for penetration; and

(B) Adequately wet at frequencies to prevent the generation of visible dust plumes.

(4) An owner or operator that is moving vehicles on, within, or off a site shall:

(A) Post signs at all entrances of the site to designate the speed limit as 15 mph;

(B) Stabilize the surface of all vehicular traffic and parking areas by applying gravel, paving, chemical stabilizers pursuant to paragraph (e)(13), or dust suppressant;

(C) Not allow any track-out outside of the property line that is 25 feet or more in cumulative length. Remove any track-out at a minimum frequency of

once each day using a vacuum equipped with a filter(s) rated by the manufacturer to achieve a 99.97 percent control efficiency for 0.3 micron particles;

(e) (4) (D) Clean the soil from the exterior of trucks, trailers, and tires prior to the truck leaving the site, without the use of forced air; and

(E) Utilize at least one of the following measures at each vehicle egress from the site to a public road:

(i) Install a pad consisting of washed gravel (minimum-size: 1 inch), maintained in a clean condition, to a depth of at least 6 inches and extending at least 30 feet wide and at least 50 feet long;

(ii) Pave the surface extending at least 100 feet from the property line and at least 30 feet wide;

(iii) Utilize a wheel shaker/wheel spreading device consisting of raised dividers (rails, pipes, or grates) at least 24 feet long and 30 feet wide; or

(iv) Install and utilize a wheel washing system to remove soil from tires and vehicle undercarriages.

(5) An owner or operator conducting on-site earth-moving activities shall ensure that stockpiles with any soil with applicable toxic air contaminant(s) be:

(A) Segregated from non-contaminated stockpiles;

(B) Labelled with "South Coast AQMD Rule 1466 – Control of Particulate Emissions from Soils with Toxic Air Contaminant(s) Applicable Soil";

(C) Maintained to avoid steep sides or faces that exceed the angle of repose;

(D) No more than 400 cubic yards of soil;

(E) Maintained to minimize fugitive dust emissions containing toxic air contaminants by applying chemical stabilizers pursuant to paragraph (e)(13), applying dust suppressant, or completely covering pursuant to paragraph (e)(14); and

(F) Either chemically stabilized pursuant to paragraph (e)(13) and/or completely covered pursuant to paragraph (e)(14) at all times when earth-moving activities and ambient PM_{10} monitoring are not occurring.

(6) An owner or operator conducting truck and trailer loading activities of soil containing applicable toxic air contaminant(s) shall:

(A) Apply dust suppressant to material prior to loading;

(B) Empty the loader bucket slowly so that no visible dust plumes are generated;

(e) (6) (C) Minimize the drop height from the loader bucket;

(D) Maintain at least 6 inches of space between the soil and the top of the truck bed and trailer while transporting within a site; and

(E) Completely cover the truck bed and trailer prior to leaving the site.

(7) An owner or operator conducting truck and trailer unloading activities of soil containing applicable toxic air contaminant(s) shall:

(A) Apply dust suppressant to material prior to unloading; and

(B) Empty the trailer slowly so that no visible dust plumes are generated.

(8) The owner or operator shall immediately remove any spilled soil.

(9) The owner or operator shall cease on-site earth-moving activities if the wind speed is greater than 15 mph averaged over a 15-minute period or the instantaneous wind speed exceeds 25 mph.

(10) During on-site earth-moving activities, the owner or operator shall have an on-site dust control supervisor that:

(A) Is employed by or contracted with the owner or operator;

(B) Is located on the site during working hours;

(C) Is in a position to expeditiously employ sufficient dust control measures to ensure compliance with all rule requirements;

(D) Has completed the South Coast AQMD Fugitive Dust Control Class and has been issued a valid Certificate of Completion for the class; and

(E) Has the following credentials, if asbestos is an applicable toxic air contaminant:

(i) Successfully completed the Asbestos Abatement Contractor/Supervisor course pursuant to the Asbestos Hazard Emergency Response Act (AHERA), and obtained and maintained accreditation as an AHERA Asbestos Abatement Contractor/Supervisor; and

(ii) Trained on the provisions of 40 CFR Part 61.145, 61.146, 61.147 and 61.152 (Asbestos NESHAP provisions) and Part 763, and has the means to comply with these provisions.

(11) An owner or operator shall apply a chemical stabilizer pursuant to paragraph (e)(13) and/or use a cover pursuant to paragraph (e)(14) on potential sources of fugitive dust when earth-moving activities are not occurring in the specific location(s) containing the potential source(s) of fugitive dust.

(e) (12) An owner or operator shall inspect daily, including days when no on-site earth-moving activities are occurring, labeled stockpiles pursuant to subparagraph (e)(5)(B) and stabilized or covered stockpiles pursuant to (e)(5)(F).

(A) For a stabilized stockpile, such inspections shall include a demonstration of stabilization by one or more of the applicable test methods contained in the most current version of the South Coast AQMD *Rule 403 Fugitive Dust Implementation Handbook* or Volumes I and II of South Coast AQMD's *Dust Control in the Coachella Valley*.

(B) For a covered stockpile, such inspections shall include a visual inspection of all seams and plastic cover surfaces to ensure that no portion of the soil is exposed to the atmosphere.

(13) When utilizing a chemical stabilizer, an owner or operator shall:

(A) Ensure the chemical stabilizer meets any specifications, criteria, or tests required by any federal, state, or local agency or any applicable law, rule, or regulation; and

(B) Unless otherwise indicated, use a sufficient concentration of the chemical stabilizer and an application frequency sufficient to maintain a stabilized surface and no less than what is specified by the manufacturer for the period of inactivity.

(14) When using a cover for stockpiles, an owner or operator shall ensure the cover:

(A) Is at least 10 mil thick plastic sheeting that overlaps a minimum of 24 inches; and

(B) Is anchored and secured so that no portion of the soil is exposed to the atmosphere.

(15) An owner or operator that is conducting earth-moving activities of soil with applicable toxic air contaminant(s) at a school, joint use agreement property, adjacent athletic area, or at a site that is adjoining a school, joint use agreement property, or adjacent athletic area shall:

(A) Only conduct earth-moving activities at a school or at a site that is adjoining a school outside of the hours between 7:30 a.m. and 4:30 p.m. on days when the school is in session;

(B) Not conduct earth-moving activities at a school, joint use agreement property, adjacent athletic area, or at a site that is adjoining a school, joint use agreement property, or adjacent athletic area if there is a school sponsored activity or youth organized sports taking place at that site;

(e) (15) (C) Handle excavated soils with applicable toxic air contaminant(s) by:

(i) Immediately placing soil in a leak-tight container whereby any contained solids or liquids are prevented from escaping or spilling out;

(ii) Directly loading soil in truck beds, trailers, and bins for transport, applying chemical stabilizer pursuant to paragraph (e)(13) or dust suppressant, and completely covering prior to transporting; or

(iii) Stockpiling pursuant to paragraph (e)(5), in a fenced area that is not accessible to the general public, and locked when not in use; and

(D) Within five days of its excavation, remove all soil with applicable toxic air contaminant(s) from the site.

(f) Notification Requirements

(1) The owner or operator shall electronically submit an initial notification to the Executive Officer, using a format approved by the Executive Officer, of the intent to conduct any on-site earth-moving activities.

(A) Initial notifications shall be submitted:

(i) At least 72 hours but no more than 30 days prior to conducting any earth-moving activities on any site meeting the applicability requirements of subdivision (b); or

(ii) As soon as the information becomes available but no later than 48 hours after the information becomes available that on-site earth-moving activities of soil with applicable toxic air contaminant(s) exceed 50 cubic yards.

(B) Initial notifications shall include the following requirements:

(i) Name, address, telephone number, and e-mail address of the owner or operator;

(ii) Name, telephone number, and e-mail address of the on-site dust control supervisor;

(iii) Project name and, if applicable, the project identification number from the designating agency;

(iv) Project location (address and/or coordinates);

(v) Identify whether the site is a school, joint use agreement property, adjacent athletic area, or is adjoining a school, joint use agreement property, or adjacent athletic area;

(f) (1) (B) (vi) A map indicating the specific location(s) of each on-site earth-moving activity and the concentrations of the applicable toxic air contaminant(s) and location of PM_{10} monitors;

(vii) A description of the on-site earth-moving activities, estimated volume of soil with applicable toxic air contaminant(s), and a schedule that includes the anticipated start and completion dates of on-site earth-moving activities;

(viii) Current and/or previous type of operation(s) and use(s) at the site;

(ix) Applicable exemption(s); and

(x) Whether the notice being provided is a revised notification.

(2) Notification Updates

Initial notifications pursuant to paragraph (f)(1) shall be updated when any of the following conditions arise:

(A) Earlier Start Date

A change in the start date of on-site earth-moving activities to an earlier date shall be reported to the South Coast AQMD no later than 72 hours before any on-site earth-moving activities begin.

(B) Later Start Date

A delay in the start date of on-site earth-moving activities shall be reported to the South Coast AQMD as soon as the information becomes available, but no later than the original start date.

(C) Change in Exemption Status

Any change(s) in exemption status pursuant to subdivision (k) shall be reported to the South Coast AQMD as soon as the information becomes available, but no later than 48 hours after the information becomes available.

(D) Completion Date

The completion date of on-site earth-moving activities shall be reported to the South Coast AQMD no later than 48 hours after on-site earth-moving activities are completed.

(3) Within 72 hours of an exceedance of the PM_{10} emission limit specified in paragraph (d)(2), the owner or operator shall electronically submit a notification to the Executive Officer, using a format approved by the Executive Officer, of the exceedance and shall include the following information:

(f) (3) (A) Name, address, telephone number, and e-mail address of the owner or operator;

(B) Name, telephone number, and e-mail address of the on-site dust control supervisor;

(C) Project name and, if applicable, the project identification number from the designating agency;

(D) Project location (address and/or coordinates);

(E) PM_{10} monitoring results and wind direction and speed results pursuant to subdivision (d), including location of monitors, result, date and time of exceedance(s), 12 hours before first exceedance, and 12 hours after last exceedance;

(F) On-site earth-moving activities occurring at the date and time of exceedance(s); and

(G) Dust control measure(s) taken to mitigate fugitive dust.

(g) Signage Requirements

When conducting on-site earth-moving activities, the owner or operator shall install and maintain project signage.

(1) Unless otherwise approved in writing by the Executive Officer, signage shall:

(A) Be installed at all entrances and at intervals of 1,000 feet or less along the property line or perimeter of the site, with a minimum of one sign along each side;

(B) Be located between 6 and 8 feet above grade from the bottom of the sign;

(C) Display lettering at least 4 inches tall with text contrasting with the sign background; and

(D) Display the following information:

(i) Local or toll-free phone number for the site contact or pre-recorded notification center that is accessible 24 hours a day; and

(ii) Warning statement:

"THIS SITE CONTAINS SOILS THAT CONTAIN THE FOLLOWING CHEMICALS: [LIST APPLICABLE TOXIC AIR CONTAMINANT(S)]
TO REPORT ANY DUST LEAVING THE SITE PLEASE CALL [FACILITY CONTACT AND PHONE NUMBER] OR THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT AT 1-800-CUT-SMOG".

(g) (2) If signage pursuant to paragraph (g)(1) exceeds 48 inches by 96 inches, the owner or operator or designating agency shall include the warning statement referenced in clause (g)(1)(D)(ii), displaying lettering at least 4 inches tall with text contrasting with the sign background, but may use 2.5 inch tall lettering to list applicable toxic air contaminant(s). All other signage requirements set forth in paragraph (g)(1) shall remain the same. If signage continues to exceed 48 inches by 96 inches with these parameters, the owner or operator or designating agency may use alternative signage as set forth in paragraph (g)(3).

(3) The owner or operator or designating agency may use alternative signage approved by the Executive Officer pursuant to subdivision (j). Notwithstanding subdivision (j), the request shall include a visual representation of the alternative sign, including proposed lettering height, and locations and, at a minimum, the alternative signage shall:

(A) Display text contrasting with the sign background; and

(B) Display the following warning statement:

"THIS SITE CONTAINS SOILS THAT CONTAIN THE FOLLOWING CHEMICALS: [LIST APPLICABLE TOXIC AIR CONTAMINANT(S)] TO REPORT ANY DUST LEAVING THE SITE PLEASE CALL THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT AT 1-800-CUT-SMOG".

(4) The owner or operator may be excluded from installing and maintaining project signage pursuant to subparagraph (g)(1)(A) at any entrance(s) or interval(s) along the property line or perimeter of the site that is not visible and not accessible to the public unless the site is a school, joint use agreement property, or adjacent athletic area or the site is adjoining a school, joint use agreement property, or adjacent athletic area.

(h) Recordkeeping Requirements

The owner or operator shall maintain records for a period of not less than 3 years and shall make such records available to the Executive Officer upon request. At a minimum, records shall be maintained daily and shall include:

(1) Inspections of all stabilized or covered stockpiles containing soils with applicable toxic air contaminant(s) and all re-stabilization, cover repair, and label maintenance activities, including dates and times the specific activities were conducted;

(2) Results of wind and PM_{10} monitoring, including: ambient PM_{10} data; rolling average PM_{10} concentrations and calculations; wind direction and speed

corresponding to the rolling average PM_{10} concentrations; movement of monitoring instruments corresponding to wind direction changes; instrument make and model; settings; proof of valid calibration in accordance with manufacturer's recommended schedule; configuration; calibration, correction, and correlation factors; maintenance; operator training; daily instrument performance check records and manual zero or auto-check results; weekly zero calibration records and intra-instrument precision test data and calculation results; and all instrument logs for all monitoring instruments;

(h) (3) All instrument maintenance activities, including: zero calibration, cleaning, filter replacement, and performance checks, including dates and times of the specific procedures;

(4) Documentation of all DAS and data management system failures, including date and time of the failure, date and time of the correction, the technical issue(s) causing the failure, and activities performed to restore the failed DAS or data management system to working condition;

(5) On-site earth-moving activities conducted and the corresponding volume of soil with applicable toxic air contaminant(s);

(6) Names and business addresses of the transporting and receiving facilities, and a copy of the shipping manifest;

(7) Complaints called in, including the name of complainant and contact information, date and time, on-site earth-moving activities occurring at the date and time, complaint, and action taken to mitigate the source of the complaint; and

(8) A copy of all submitted notifications for the project.

(i) Executive Officer Designated Sites

(1) The Executive Officer may designate a site if the Executive Officer has evidence that the site contains soil with applicable toxic air contaminant(s) as defined in paragraph (c)(16), after consultation with U.S. EPA, DTSC, the State Water Resources Control Board, the Regional Water Quality Control Board, and/or local, county, or state regulatory agencies, and consideration of the following:

(A) Site history, including current and/or previous type(s) of operation(s) and use(s) at the site and regulatory history;

(B) Concentration(s) of applicable toxic air contaminant(s) in the soil;

(C) Background concentration(s) of applicable toxic air contaminant(s);

(D) Volume of soil with applicable toxic air contaminant(s);

(i) (1) (E) Distance to a residence, park, school, joint use agreement property, adjacent athletic area, or a site adjoining a school, joint use agreement property, or adjacent athletic area;

(F) Meteorological data;

(G) Health risk information or other data provided by the owner or operator, if available; and

(H) Ambient monitoring data and other applicable data, if available.

(2) Prior to making a determination, the Executive Officer will notify the owner or operator in writing that the site may be subject to this rule.

(A) In the event the owner or operator exercises this opportunity to demonstrate that this rule does not apply, the owner or operator shall submit information to the Executive Officer within 14 days of the notification substantiating why the site should be excluded from this rule.

(B) Upon final determination, the Executive Officer will notify the owner or operator in writing if the site is subject to this rule.

(3) During the determination period, the owner or operator shall comply with the provisions of this rule or cease all on-site earth-moving activities until a determination is made.

(j) Alternative Provisions

(1) If requesting an alternative provision pursuant to paragraph (g)(3), the owner or operator or designating agency shall submit the request in writing at least 30 days prior to conducting any earth-moving activities and include all information to the Executive Officer to substantiate its position.

(2) The Executive Officer may request additional information from the owner or operator or designating agency.

(3) The owner or operator or designating agency shall submit all requested information within 14 days of the request for additional information.

(4) The Executive Officer will review the request for an alternative provision and will approve or reject the data and notify the owner or operator or designating agency in writing. Approved alternative provisions may not be used retroactively.

(5) Alternative provisions that were approved and notified in writing by the Executive Officer before June 4, 2021 shall be deemed compliant with the requirements of the applicable provisions of the rule, shall remain in effect only for the period of time and for the specific project for which they were granted, and shall not be renewed or extended.

(k) Exemptions

(1) The owner or operator may be exempt from one or more provisions of this rule provided there is written confirmation that the designating agency under subparagraphs (b)(1)(A) through (b)(1)(D) has consulted with the Executive Officer and has determined that the provision(s) are not needed based on information specified in subparagraphs (i)(1)(A) through (i)(1)(H).

(2) On-site earth-moving activities performed within an enclosed system vented to South Coast AQMD permitted air pollution control equipment shall be exempt from all requirements except: subparagraphs (e)(4)(C) through (e)(4)(E), subparagraphs (e)(6)(D) and (e)(6)(E), and subdivisions (f), (g), and (h).

(3) Linear trenching for natural gas, power, sewer, and water projects on roadways with soil with applicable toxic air contaminant(s), directly loaded into a truck bed, trailer, or bin for transport, shall be exempt from all requirements except: paragraphs (e)(3) through (e)(9), paragraphs (e)(13) and (e)(15), and subdivisions (f), (h), and (i).

(4) On-site earth-moving activities consisting only of excavation activities of soil with applicable toxic air contaminant(s) of less than 500 cubic yards, directly loaded into a truck bed, trailer, or bin for transport, shall be exempt from all requirements except: paragraphs (e)(3) through (e)(9), paragraphs (e)(13) and (e)(15), and subdivisions (f), (h), and (i).

(5) On-site earth-moving activities conducted during emergency life-threatening situations, or in conjunction with any officially declared disaster or state of emergency as declared by an authorized health officer, agricultural commissioner, fire protection officer, or other authorized agency officer shall be exempt from all requirements. The Executive Officer shall be notified electronically no later than 48 hours following such on-site earth-moving activities. Written notification shall include written emergency declaration from the authorized officer.

(6) On-site earth-moving activities conducted by essential service utilities to provide electricity, natural gas, telephone, water, or sewer during periods of service outages and emergency disruptions shall be exempt from all requirements. The Executive Officer shall be notified electronically no later than 48 hours following such on-site earth-moving activities.

Table I – Applicable Toxic Air Contaminants

CAS Number	Substance
7440-38-2	**arsenic and arsenic compounds (inorganic)**
	including, but not limited to:
	arsenic compounds (inorganic)
7784-42-1	arsine
1332-21-4	Asbestos
7440-43-9	cadmium and cadmium compounds
57-74-9	chlordane
	dibenzo-p-dioxins (chlorinated)
1746-01-6	tetrachlorodibenzo-p-dioxin, 2,3,7,8-
40321-76-4	pentachlorodibenzo-p-dioxin, 1,2,3,7,8-
39227-28-6	hexachlorodibenzo-p-dioxin, 1,2,3,4,7,8-
57653-85-7	hexachlorodibenzo-p-dioxin, 1,2,3,6,7,8-
19408-74-3	hexachlorodibenzo-p-dioxin, 1,2,3,7,8,9-
35822-46-9	heptachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8-
3268-87-9	octachlorodibenzo-p-dioxin, 1,2,3,4,6,7,8,9-
41903-57-5	total tetrachlorodibenzo-p-dioxin
36088-22-9	total pentachlorodibenzo-p-dioxin
34465-46-8	total hexachlorodibenzo-p-dioxin
37871-00-4	total heptachlorodibenzo-p-dioxin
72-54-8	dichlorodiphenyldichloroethane
72-55-9	dichlorodiphenyldichloroethylene
50-29-3	dichlorodiphenyltrichloroethane

Table I – Applicable Toxic Air Contaminants (cont.)

CAS Number	Substance
18540-29-9	**chromium (hexavalent) and chromium compounds**
	including, but not limited to:
10294-40-3	barium chromate
13765-19-0	calcium chromate
7758-97-6	lead chromate
10588-01-9	sodium dichromate
7789-06-2	strontium chromate
13530-65-9	zinc chromate
7439-92-1	**lead and lead compounds (inorganic, including elemental lead)**
	including, but not limited to:
	lead compounds (inorganic)
301-04-2	lead acetate
7758-97-6	lead chromate
7446-27-7	lead phosphate
1335-32-6	lead subacetate
7439-97-6	**mercury and mercury compounds (inorganic)**
	including, but not limited to:
7487-94-7	mercuric chloride
593-74-8	methyl mercury

Table I – Applicable Toxic Air Contaminants (cont.)

CAS Number	Substance
7440-02-0	**nickel and nickel compounds**
	including, but not limited to:
373-02-4	nickel acetate
3333-67-3	nickel carbonate
13463-39-3	nickel carbonyl
12054-48-7	nickel hydroxide
1313-99-1	nickel oxide
12035-72-2	nickel subsulfide
1271-28-9	nickelocene
	refinery dust from the pyrometallurgical process
1336-36-3	**polychlorinated biphenyls (PCBs)**
32598-13-3	3,3’,4,4’-tetrachlorobiphenyl (PCB 77)
70362-50-4	3,4,4’,5-tetrachlorobiphenyl (PCB 81)
32598-14-4	2,3,3’,4,4’-pentachlorobiphenyl (PCB 105)
74472-37-0	2,3,4,4’,5-pentachlorobiphenyl (PCB 114)
31508-00-6	2,3’,4,4’,5-pentachlorobiphenyl (PCB 118)
65510-44-3	2,3',4,4',5'-pentachlorobiphenyl (PCB 123)
57465-28-8	3,3’,4,4’,5-pentachlorobiphenyl (PCB 126)
38380-08-4	2,3,3’,4,4’,5-hexachlorobiphenyl (PCB 156)
69782-90-7	2,3,3’,4,4’,5’-hexachlorobiphenyl (PCB 157)
52663-72-6	2,3’,4,4’,5,5’-hexachlorobiphenyl (PCB 167)
32774-16-6	3,3’,4,4’,5,5’-hexachlorobiphenyl (PCB 169)
39635-31-9	2,3,3’4,4’,5,5’-heptachlorobiphenyl (PCB 189)

Table I – Applicable Toxic Air Contaminants (cont.)

CAS Number	Substance
	polycyclic aromatic hydrocarbons (PAHs)
56-55-3	benzo[a]anthracene
50-32-8	benzo[a]pyrene
205-99-2	benzo[b]fluoranthene
207-08-9	benzo[k]fluoranthene
218-01-9	chrysene
53-70-3	dibenz[a,h]anthracene
193-39-5	indeno[1,2,3-c,d]pyrene

Appendix 1 – Rule 1466 Approved PM_{10} Monitors

The Executive Officer may approve PM_{10} monitors that meet the following physical and performance requirements.

1. Physical Requirements
   - 1.1. PM_{10} monitors shall be continuous direct-reading near-real time monitors and shall monitor particulate matter less than 10 microns.
   - 1.2. PM_{10} monitors shall be equipped with:
     - 1.2.a. Omni-directional heated sampler inlet;
     - 1.2.b. Sample pump with active flow control mechanism;
     - 1.2.c. Enclosure;
     - 1.2.d. Data logger capable of logging each data point with average concentration, time, date, and data point number; and
     - 1.2.e. Conductive tubing that minimizes particle loss for any external tubing used to carry sampled air prior to measurement.

2. Performance Requirements
   - 2.1 PM_{10} monitors shall have the following minimum performance standards:
     - 2.1.a. Range: 0 - 10,000 $\mu g/m^3$;
     - 2.1.b. Accuracy, determined through factory testing against a U.S. EPA Federal Reference Method or Federal Equivalent Method, for a minimum of 30 measurements each averaged over 24 hours, to show:
       - 2.1.b.i. $\pm$ 5% of reading $\pm$ precision; or
       - 2.1.b.ii. Coefficient of determination (R^2) of $\geq$ 0.95 through simple linear regression;
     - 2.1.c. Resolution: 1.0 $\mu g/m^3$;
     - 2.1.d. Flow control accuracy of $\pm$ 5% of factory setpoint; and
     - 2.1.e. Measurement Cycle: User selectable (30 minute and 2 hour).
   - 2.2 Monitors that have a valid *Monitoring Certification Scheme* certification meeting the latest version of the *Monitoring Certification Scheme* (*MCERTS): Performance Standard for Indicative Ambient Particulate Monitors* may be exempt from meeting the performance requirements listed above, but shall meet all stated physical requirements.

3. Quality Assurance/Quality Control Requirements

In order to ensure the validity of the PM_{10} measurements performed, there shall be appropriate Quality Assurance/Quality Control (QA/QC). It is the responsibility of the owner or operator to adequately supplement QA/QC Plans to include the following critical features: instrument calibration, instrument maintenance, operator training, and daily instrument performance checks.

Appendix 2 – Procedures to Demonstrate Intra-Instrument Precision

An owner or operator shall perform the following procedures to demonstrate the intra-instrument precision of all PM_{10} monitors as required in paragraph (d)(7).

1. Ensure monitors are identical in make and model, settings, and configuration.
2. Ensure monitor inlets are at the same height and located within 4 meters of each other but no less than 1 meter apart for the duration of the test.
3. Power on the monitors and turn on the heated sampler inlet. Allow the monitors to warm-up per manufacturer's recommendations or when readings have stabilized.
4. For each monitor, conduct a zero calibration in accordance with manufacturer's instructions, then conduct a manual zero check by removing any sampling inlet and installing a filter, rated by the manufacturer to achieve a 99.97 percent control efficiency for 0.3 micron particles, on the inlet of the monitor for a minimum of 10 minutes. If the monitors are operated using an auto-zero check procedure that directs filtered particle-free air into the measurement chamber, conduct the zero check in accordance with manufacturer's instructions.
5. Log the PM_{10} concentration reading every minute, and calculate and record the average of the readings of the manual zero check. The average of the manual zero check readings shall be 0 ± 3 micrograms per cubic meter before proceeding to Step 6. If conducting an auto-zero check, the monitor shall pass the zero check in accordance with manufacturer's instructions before proceeding to Step 6. If any monitors fail either the manual zero check or the auto-zero check, the owner or operator shall conduct a zero calibration in accordance with manufacturer's instructions and/or correct any issue(s) causing the failure, followed by conducting a passing zero check on the PM_{10} monitor(s) in accordance with Steps 4 and 5.
6. Remove the filter and install the monitor inlet as required. After waiting 10 minutes, operate the monitors simultaneously and log the PM_{10} concentration reading every minute for a minimum of 60 minutes.

7. Calculate the intra-instrument precision using either of the following equations:
   a. Intra-instrument precision in relative standard deviation or correlation of variation (%) when ambient PM_{10} concentrations are greater than or equal to 15 micrograms per cubic meter:

$$P = \frac{S_t}{C_t} \, x \, 100\%$$

where,

P = Intra-instrument precision in percent (%);

S_t = Standard deviation of the averaged PM_{10} concentration readings from all tested monitors over the time t of testing duration, to be calculated as:

$$S_t = \sqrt{\frac{\sum(x_i - \bar{x})^2}{(n-1)}}$$

where,

x_i = Mean of the PM_{10} concentration readings for a tested monitor over time t of testing duration,

$\bar{x}$ = Mean of the averaged PM_{10} concentration readings from all tested monitors over the time t of testing duration, and

n = Number of tested monitors; and

C_t = Mean of the averaged PM_{10} concentration readings from all tested monitors over the time t of testing duration; or

   b. Intra-instrument precision in absolute value (micrograms per cubic meter) when ambient PM_{10} concentrations are less than 15 micrograms per cubic meter:

$$P = S_t$$

where,

P = Intra-instrument precision in micrograms per cubic meter, and

S_t = Standard deviation of the averaged PM_{10} concentration readings from all tested monitors over the time t of testing duration.

8. Record the results of the calculations.

APPENDIX E

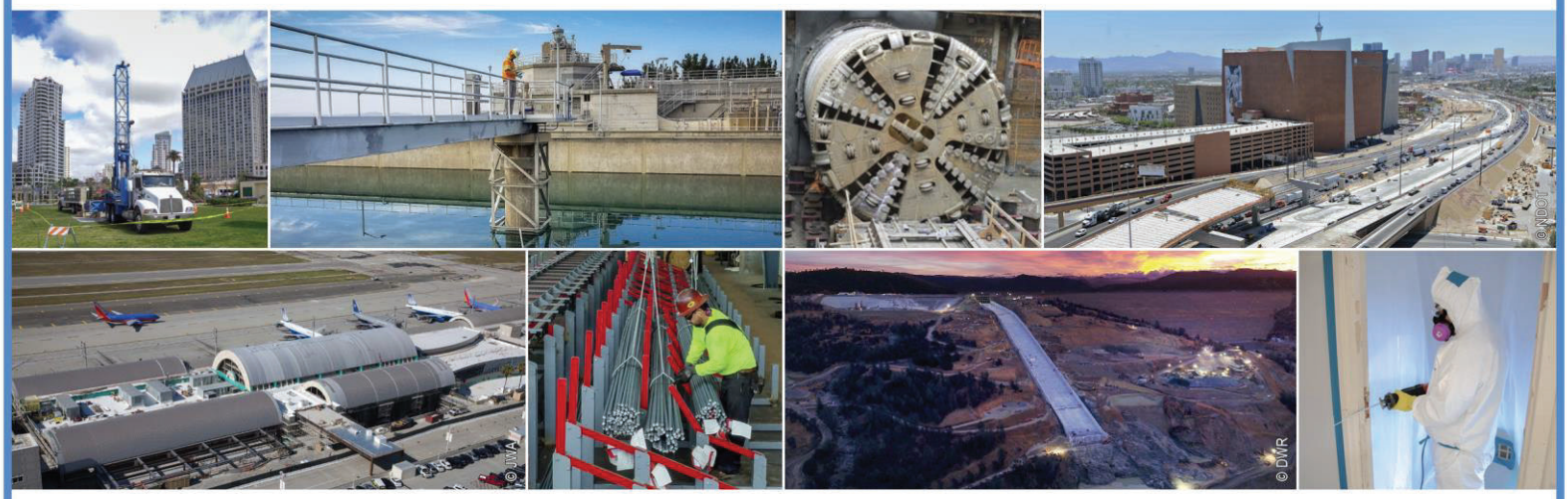
Transportation Plan

Transportation Plan

Workforce Reentry Center
561 The City Drive South
Orange, California 92686

County of Orange Executive Office
Real Estate/Land Development
400 West Civic Center Drive, 5th Floor | Santa Ana, California 92701

December 6, 2024 | Project No. 212797001



Geotechnical | Environmental | Construction Inspection & Testing | Forensic Engineering & Expert Witness

Geophysics | Engineering Geology | Laboratory Testing | Industrial Hygiene | Occupational Safety | Air Quality | GIS

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

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FIGURE

B1 – Transportation Plan

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1 INTRODUCTION

The following sections provide background information and the purpose and objective of the transportation plan.

1.1 Background

Ninyo & Moore has prepared this Transportation Plan (TP) on behalf of the County of Orange (County) for implementation during earthmoving activities at the former Orange County Animal Shelter, currently proposed to developed as a workforce reentry center (the site).

Environmental investigations were previously conducted at the site and summarized in various reports. Soil at the site has been affected primarily by total petroleum hydrocarbons (TPH) speciated as diesel, and arsenic, which are considered the chemicals of concern (COCs).

Soil will be excavated by a California-licensed removal engineering contractor under supervision of a California-registered professional engineer and/or professional geologist. A California-licensed waste hauler will transport soils in covered trucks or roll-off bins under manifests to their proper disposal facilities.

The impacted areas of concern are shown on Figure 2 of the Soil Management Plan (SMP). A project summary is provided in the following table.

Project Site (Site)	Workforce Reentry Center
Site Address	561 The City Drive South, Orange, California
Project Proponent (PP)	County of Orange
General Contractor	To Be Determined
Chemicals of Concern (COCs)	TPH as diesel; arsenic

1.2 Purpose and Objective

This TP is included as an appendix to the SMP that has been prepared to address the excavation and off-site disposal of the impacted material described above. The classification, transportation, and removal of material will be conducted in accordance with the federal, state, and local regulations, as applicable.

2 WASTE CHARACTERIZATION

The following sections provide waste profile and disposal information.

2.1 Waste Profiling

During previous environmental investigations conducted at the site, soil sample analytical results indicate that the site screening level (Department of Toxic Substances Control [DTSC] Human Health Risk Assessment Note No. 3 Modified Screening Levels) for TPH as diesel of 96 milligrams per kilogram (mg/kg); and for arsenic of 12 mg/kg, was exceeded in the vicinity of boring B-4. Results for TPH as diesel and arsenic are presented in Table 1 and Table 3 of the SMP, respectively. Based on historical concentrations encountered, TPH will be the main driver for profiling soils. Soils excavated under the SMP will be divided into two main categories:

- "Clean" Soil – TPH as diesel <96 mg/kg – Appropriate for reuse at the site.
- Impacted soil – TPH as diesel >96 mg/kg – to be disposed of at a Class III landfill.

Based on the results of environmental investigations at the site, non-RCRA and RCRA Hazardous Wastes are not expected to be encountered.

2.1.1 Hazardous Waste Management

Compliance with the DTSC requirements governing hazardous waste generation, transportation, and disposal is required. Any container used for on-site storage will be properly labeled with a hazardous waste label. The hazardous waste will be transported off site for disposal within 90 days after its generation. Any shipment of hazardous waste in California will be transported by a registered hazardous waste hauler under a uniform hazardous waste manifest. Land ban requirements will be followed as necessary.

2.1.2 Special Disposal Requirements

Excavated soil from the site will be segregated into stockpiles based on the DTSC Screening Levels for Residential Soil (96 mg/kg for TPH as diesel. Once stockpiles have been generated and segregated, waste characterization samples will be collected and transported to a fixed-base laboratory for analysis of volatile organic compounds (VOCs), total petroleum hydrocarbons (TPH), and Title 22 Metals. Arsenic STLC or lead TCLP may also be analyzed based on XRF readings and known hotspots. Based on waste profiling soil sample results, the soil will be hauled off as either California hazardous waste or non-hazardous waste. Soil with concentrations of lead below the cleanup goals will be segregated and potentially reused at the site as backfill. There are currently no other special disposal requirements.

2.1.3 Import Fill Material

No backfill under the SMP is anticipated. Once contaminated soils are removed and environmental clearance is provided by the County's consultant, normal cut and fill grading

operation for future construction can commence, including grading and compaction based on geotechnical considerations. Excavations will be graded so that sidewall slopes do not exceed 1:1 when deeper than four feet below ground surface.

3 SOIL LOADING AND STAGING OPERATIONS

The following sections provide information on vehicle loading operations, soil staging operations, and working hours and duration.

3.1 Vehicle Loading Operations

Once on the site, the trucks or bins will be loaded by a front-end loader. Each end-dump truck will haul approximately 18 cubic yards (24 tons) of material; each truck carrying two roll-off bins will haul approximately 20 cubic yards (30 tons). Based on these volumes, approximately 5 end-dump trucks or roll-off bin carrying trucks may be used. Depending on field activities the number of trucks used is expected to vary daily. The selected contractor will determine the actual number of trucks to be used each day. Water will be sprayed on the material to limit dust emissions during the loading process. Once loaded, the truck will proceed to the decontamination area where the load will be covered with a tarp, and material will be removed from the tires and flat surfaces of the trailer prior to leaving the site. Each load will be issued a unique manifest or bill of lading for transportation. The area outside the access gate will be swept as necessary to remove any residual material.

3.2 Soil Staging Operations

Prior to excavation activities, areas for stockpiling impacted soil or soil requiring classification will be established. The stockpile area(s) will have the surface wheel-rolled prior to use and perimeter berms will be constructed to provide run-on and run-off control. Per South Coast Air Quality Management District Rule 1466, stockpile material will be covered with plastic sheeting when left overnight, as described in the Dust Control Plan. Alternatively, the soil may be loaded into 10 cubic yard covered roll-off bins (two bins per truckload), or if characterized, direct loaded into trucks.

Soil will be initially profiled and segregated into stockpiles based on observable TPH impacts and measurements collected with a photoionization detector (PID). Waste classification will be completed by collecting approximately one sample for every 1,000 cubic yards of stockpile material. Stockpile sampling numbers for waste classification will follow normal DTSC guidance. In the event roll-off bins are used, a four-point field composite sample will be collected from each

bin. Based on results of preliminary PID and XRF screenings, the waste profiling samples will be analyzed for one or more of the following:

- VOCs in accordance with EPA Method 8260B
- TPH in accordance with EPA Method 8015B
- Title 22 Metals in accordance with EPA Method 6010B/7471A
- Arsenic Lead in accordance with EPA Method 6010B.
- Arsenic STLC in accordance with EPA Method 6010B/7000A
- Arsenic TCLP in accordance with EPA Method 6010B/7000A

The materials will be transported off site to an approved landfill or recycling facility approved by the County for management based on the results of waste classification sample results.

3.3 Working Hours and Duration

Trucks will operate from Monday through Friday during daylight hours only, subject to city traffic restrictions. The start of field activities is to be determined and will be completed in approximately 15 days. Following removal of contaminated soils, and environmental clearance from the County's consultant, normal cut and fill grading, construction, and geotechnical work will commence at the site.

4 TRANSPORTATION CONTROL

The following sections provide information on dust control, decontamination, traffic control procedures, and haul routes.

4.1 Dust Control

Excavated soils will be wetted down and covered with plastic sheeting, as necessary, prior to stockpiling and loading into dump trucks. Soil for off-site disposal will be transported in tarped end-dump trailers/trucks, drums, or roll-off bins to an approved land disposal facility. Waste hauler vehicles will be decontaminated prior to leaving the work area. Street sweeping procedures, will be utilized on the roads adjacent to the site, when necessary, to reduce the potential for fugitive dust and migration of contamination. Dust control procedures are discussed in more detail in Section 6.5 of the RAP.

4.2 Decontamination

As each truck leaves the site, it will be properly decontaminated to prevent and minimize soil from leaving the site. A stabilized construction entrance/exit, or equivalent best management practice,

will be used to control track out. Manual sweeping or a street sweeper will also be used to mitigate track out. The proposed truck decontamination area is displayed in Figure B1.

Trucks will be inspected prior to leaving the site for the following criteria:

- Proper loading of material
- Proper covering/sealing
- Proper decontamination
- Proper use of placards
- Proper completion of manifests

Inspections will be documented in the daily field log books.

4.3 Traffic Control Procedures

Truck Staging Area: Haul vehicles shall only be loaded in designated areas. The designated staging area is dependent on which operating units are available and will be identified prior to implementation of RAP activities. Haul trucks may be loaded using a front-end loader, or similar contractor approved equipment, from temporary stockpiles, or direct loaded at the excavation by a backhoe and/or excavator. Whenever possible, haul vehicles shall be loaded in staging areas and avoid traveling over exposed contaminated soils to reduce the potential of cross contamination. Haul vehicles shall be loaded in accordance with manufacturer weight limitations. Loads shall be struck level with the waterline of the body of the vehicle to prevent spillage during transport.

Site Access Control: A flag person will be positioned at the entrance/exit to assist the truck drivers entering and exiting the site. Waste hauling vehicles will not be allowed to cross soil removal or staging areas.

On-Site Traffic Flow: The trucks will be dispatched on a staggered schedule to limit the number of trucks that are staged for loading at any one time. Trucks will be staged out of traffic lanes to the extent possible. The proposed on-site truck route is displayed in Figure B1.

Speed Limit: While on site, trucks will be required to maintain slow speeds, less than 15 miles per hour for safety and dust control. While on streets and freeways, transporters will follow the speed limit requirements and defensive driving techniques for traffic safety.

4.4 Haul Routes

Haul routes will be approved by the County. The City Drive South will be used for both ingress and egress of trucks, which is displayed on Figure B1. The contractor may change the entrance and egress patterns for haul trucks entering and leaving the site based on observations of traffic patterns throughout the day. Trucks leaving the site will turn left (south) on The City Drive South, and either merge onto the 22 Freeway West, proceeding to Azusa Landfill, Chiquita Canyon Landfill, or Simi Valley Landfill. Actual trip times depend on the landfill, time of day and traffic (further detail provided in the following section). Specific haul route directions and maps to each facility are provided in Appendix B1. A hazardous materials response company will be available on an on-call basis for response to any accidents involving the trucks utilized to transport site wastes.

Local Traffic Control: Transportation of impacted soils will be on arterial streets and/or freeways, approved for truck traffic, to minimize any potential impact on the local neighborhood. Moving along the proposed haul route, all street intersections are controlled by traffic lights or stop signs. For those intersections without traffic control signs, a flag person of the contractor may be located to assist or direct traffic flows during heavy traffic hours. Therefore, the number of daily truckloads during the implementation of the RAP is not expected to disrupt local traffic.

Street Maintenance: A "work notice" will be given to the street maintenance authority with a copy of the transportation route map at least three days prior to the implementation of the proposed RAP. Street surfaces along the transportation route will be routinely inspected and, if necessary, maintained or repaired by the contractor, during implementation of the tasks. The contractor is responsible for cleaning streets from spilled soils and the final cleanup after completion of field activities. The number of daily truckloads during the implementation of the RAP is not expected to cause damage to surface streets.

5 OFF-SITE DISPOSAL FACILITIES

Based on the analytical results provided in the site investigation reports, the majority of the excavated soil will be classified as non-hazardous and some of the material will be classified as California hazardous. Waste materials will be transported to appropriately licensed facilities. The actual disposal site(s) will be determined during SMP implementation based on cost and schedule constraints, with the County input. For the purposes of this transportation plan, it is assumed that waste will either be transported to Azusa Landfill, Chiquita Canyon Landfill, or Simi Valley Landfill. However, other lawful disposal/recycling facilities may be used if the County grants approval in advance of off-site transportation. Specific haul route directions and maps to each facility are provided in Appendix B1.

While at the disposal facility, the truck will be weighed before off-loading the payload. Weight tickets or bills of lading will be provided to the County contractor after the soil has been shipped off site. Material will be offloaded and disposed of in accordance with the landfill and regulatory protocols.

Before leaving the site, truck drivers will be instructed to notify the County contractor's Site Manager. The truck drivers will be provided with the cellular phone number for the County contractor's Site Manager. It will be the responsibility of the truck drivers to contact the County contractor's Site Manager if problems arise after leaving the site. It will be the responsibility of the contractor's Site Manager to notify the County of any unforeseen incidents.

5.1 Non-RCRA (California) Hazardous Waste

All California hazardous waste (if identified) will be disposed of at one of the following land disposal facilities:

Clean Harbor Buttonwillow Landfill
2500 West Lokern Road
Buttonwillow, California 93206
Phone: (661) 762-6200

US Ecology Nevada
Highway 95
Beatty, Nevada 89003
Phone: (800) 239-3943

South Yuma County Landfill
19536 South Avenue 1E
Yuma, Arizona 85365
Phone: (928) 341-9300

5.2 Non-Hazardous Waste Facility (Class II or III)

All non-hazardous wastes will be disposed of at a California Class II or III land disposal facility. As mentioned above, other lawful disposal/recycling facilities may be used if the County grants approval in advance of off-site transportation. The excavated soil may be transported to the following facilities:

Waste Management – Azusa Land Reclamation Landfill
1211 West Gladstone Street
Azusa, California 91702
Phone: (626) 334-0719

Chiquita Canyon Landfill
29201 Henry Mayo Drive
Castaic, California 91384
Phone: (661) 257-3655

Waste Management– Simi Valley Landfill
2801 Madera Road
Simi Valley, California
Phone: (818) 767-6180

6 SHIPPING DOCUMENTATION

The Uniform Hazardous Waste Manifest form or Non-Hazardous Waste Manifest form shall be utilized to track the movement of contaminated soils from the point of generation to the point of ultimate disposition. Copies of the hazardous waste manifest form and instructions are included as Appendix B2. Prior to transporting the excavated soil off site, an authorized representative of the County will sign each waste manifest. The waste hauler will then sign the manifest and distribute one signed copy to the removal action contractor's Site Manager. The removal action contractor's Site Manager will maintain a copy of the waste manifest for each truckload on site until completion of the removal action.

7 REQUIREMENTS OF FILL MATERIALS

In the event fill material is needed, the source and fill materials will be secured with the County's approval.

8 REQUIREMENTS OF TRANSPORTERS

The following sections describe transporter license and insurance information and the contingency plan.

8.1 License and Insurance

The County will utilize transporters that are properly licensed, registered, and qualified for hauling impacted soil off site. The applicable licensing and insurance will be provided by each transporter prior to the initiation of site activities. In addition, the transporters are required to be registered with the DTSC to operate as a hazardous waste hauler in California.

8.2 Contingency Plan

Each contractor responsible for transporting material off site is required to provide a Contingency Plan. The Contingency Plan must be accessible during the transportation of excavated materials from the site to the disposal facility in the event of an emergency (e.g. waste spill, accident, vehicle breakdown, etc.). In addition, a hazardous material response company will be available on an on-call basis for response to any accidents involving the trucks utilized to transport site wastes.

The Contingency Plan will address the following conditions:

- In the event emergency situations occur during transportation of excavated soils from the site to the designated disposal facility or during transportation of fill materials to the site;
- In the event volumes of excavated soil change; or
- In the event waste characteristics change.

The Contingency Plan, at a minimum, will include contaminant descriptions, a hazard analysis, and possible methods for the containment and cleanup of an accidental release. The Contingency Plan will contain sufficient information for the emergency service organizations to determine if evacuation is necessary. In addition, drivers will be adequately trained to implement the Contingency Plan and will be given a copy of the TP.

9 RECORD KEEPING

The contractor will be responsible for maintaining a field logbook during the removal action activities. The field logbook will serve to document observations, on-site personnel, equipment arrival and departure times, and other vital project information. Logbook entries will be complete and accurate enough to permit reconstruction of field activities. Each page will be dated and the time of entry noted. Entries will be legible, written in black ink, and signed by the individual making the entries. Language shall be factual, objective, and free of personal opinions or other terminology that might prove inappropriate. If an error is made, corrections shall be made by crossing a line through the error and entering the correct information. Corrections will be dated and initialed.

Potential transportation documents may include: bill of lading, analytical results, hazardous waste manifests, and maps. In addition, copies of the specific transportation documents, specifically those required by law (e.g. bill of lading and/or manifests) will be carried with the load by the waste hauler.

The Uniform Hazardous Waste Manifest form and Non-hazardous Waste Manifest will be used to track the movement of soil sent off site as California hazardous and non-hazardous waste from the point of generation to the point of ultimate disposition. The hazardous waste manifests will include information such as:

- Name and address of the generator, transporter, and the destination facility.
- United States Department of Transportation description of the waste being transported and any associated hazards.
- Waste quantity.

- Name and phone number of a contact in case of an emergency.
- The County EPA Hazardous Waste Generator Number.
- Other information required either by EPA and DTSC.

Before transporting the excavated soil off site, an authorized representative of the County will sign each waste manifest. The removal action contractor's Site manager will maintain one copy of the waste manifest on site. Copies of the waste manifests, signed by the receiving facilities, will be included in the removal action completion report.

10 SITE HEALTH AND SAFETY

A site Health and Safety Plan (HSP) should be created prior to the implementation of earthmoving activities. At a minimum, the HSP should include key personnel responsibilities, site contact information, an evaluation of the site hazards, an emergency contingency plan, required personal protective equipment, and a summary of the safety standard operating procedures. All field personnel will be familiar with the contents of the HSP.

FIGURE



B1_212797001_TR.mxd 11/1/2024 JDL

FIGURE B1

TRANSPORTATION PLAN

561 THE CITY DRIVE SOUTH
ORANGE, CALIFORNIA

212797001 | 12/24

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

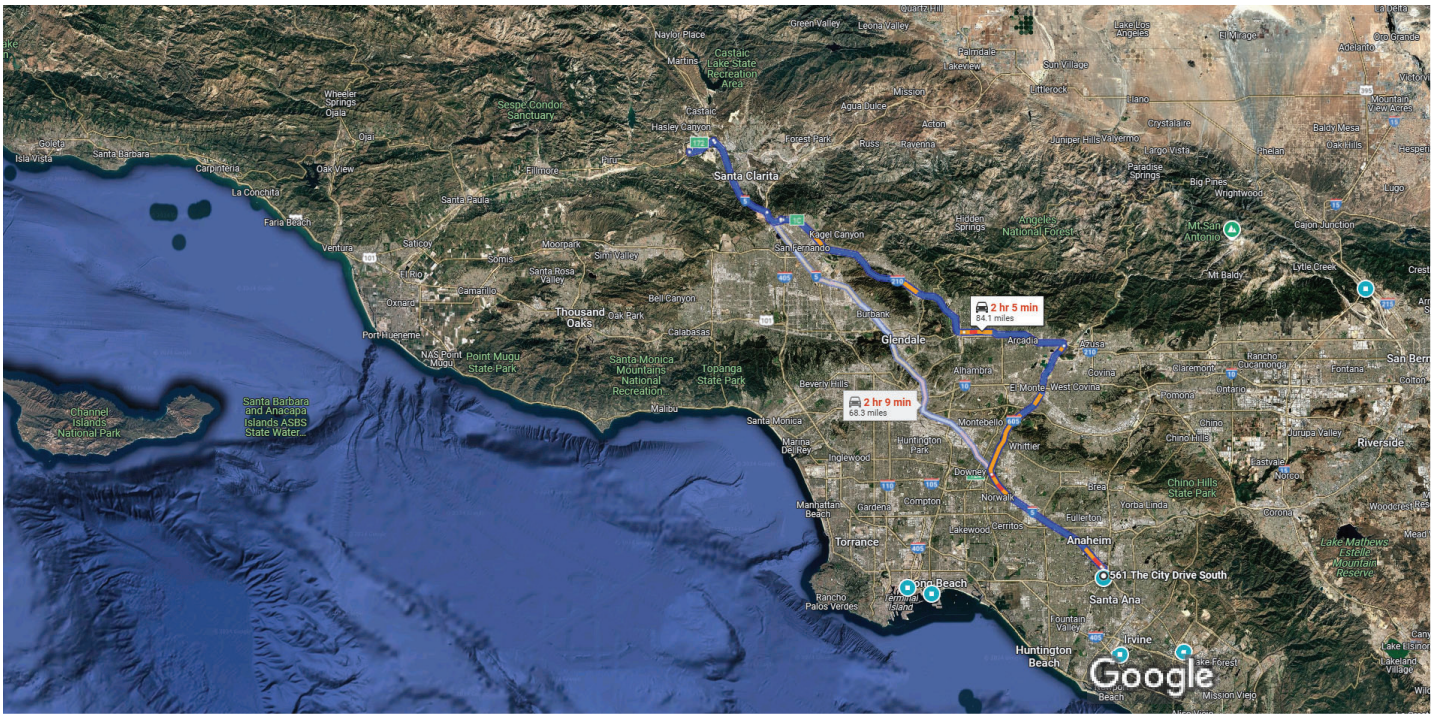
APPENDIX B1

Transportation Routes

Google Maps

561 The City Dr S, Orange, CA 92868 to 29201 Henry Mayo Dr, Castaic, CA 91384

Drive 84.1 miles, 2 hr 5 min



Imagery ©2024 Landsat / Copernicus, Data SIO, NOAA, U.S. Navy, NGA, GEBCO, Data USGS, Data CSUMB SFML, CA OPC, Data LDEO-Columbia, NSF, NOAA, Data MBARI, Imagery ©2024 TerraMetrics, Map data ©2024 Google

5 mi

561 The City Dr S
Orange, CA
92868

⚠ This route has restricted usage or private roads.

Get on I-5 N

5 min (1.3 mi)

1. Head north toward The City Dr S

285 ft

2. Turn right onto The City Dr S

0.8 mi

3. Turn right to merge onto I-5 N

0.5 mi

Continue on I-5 N. Take I-605 N, I-210 W and I-5 N to CA-126 W in Santa Clarita. Take exit 172 from I-5 N

1 hr 18 min (79.7 mi)

4. Merge onto I-5 N

15.3 mi

5. Use the right 2 lanes to take exit 124 to merge onto I-605 N

16.2 mi

6. Use the left 2 lanes to merge onto I-210 W/Foothill Fwy toward Pasadena

11.2 mi

7. Keep right at the fork to continue on I-210 W, follow signs for Sacramento

24.4 mi

8. Take exit 1C for Yarnell St

0.2 mi

9. Turn left onto Yarnell St

0.2 mi

10. Turn right onto Foothill Blvd

2.1 mi

11. Take the ramp onto I-5 N

9.7 mi

12. Use the right 2 lanes to take exit 172 for CA-126 W/Newhall Ranch Rd

0.3 mi

Follow CA-126 W to your destination

6 min (3.1 mi)

13. Use the left 3 lanes to turn left onto CA-126 W

2.9 mi

14. Turn right

⚠ Partial restricted usage road

0.1 mi

15. Turn left

⚠ Restricted usage road

148 ft

16. Make a U-turn

⚠ Restricted usage road

118 ft

17. Turn right

⚠ Restricted usage road

ⓘ Destination will be on the right

167 ft

29201 Henry Mayo Dr
Castaic, CA 91384

APPENDIX B2

Waste Manifest Information

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	**4. Manifest Tracking Number**

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1.					
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

VOID

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 0309131

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1.					
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

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Hazardous Waste Manifest Instructions

What are the instructions for completing the manifest form (EPA Form 8700-22)?

Read all instructions before completing the form.

1. Federal regulations require generators and transporters of hazardous waste and owners or operators of receiving facilities designated on the manifest to complete this form (EPA Form 8700–22) and, if necessary, the continuation sheet (EPA Form 8700–22A) for both inter- and intrastate transportation of hazardous waste.

2. This manifest reflects formatting changes made by U.S. EPA in December 2017. Beginning on June 30, 2018, this manifest (Revision 12-17) must be used and all previous editions are prohibited. Go to www.epa.gov/e-manifest for additional information.

3. This form must be purchased from a registered printer (https://www.epa.gov/hwgenerators/approved-registered-printers-epas-manifest-registry#how) and has been designed to be filled out using standard computer printers; a firm point pen may also be used—press down hard. After June 30, 2018, this form can also be completed electronically in EPA's e-Manifest system.

I. Instructions for Generators

Item 1. Generator's U.S. EPA Identification Number

Enter the generator's U.S. EPA twelve-digit identification number, or the state generator identification number if the generator site does not have an EPA identification number.

Item 2. Page 1 of ___

Enter the total number of pages used to complete the manifest (*i.e.*, the first page (EPA Form 8700-22) plus the number of continuation sheets (EPA Form 8700-22A), if any).

Item 3. Emergency Response Phone Number

Enter a phone number for which emergency response information can be obtained in the event of an incident during transportation. The emergency response phone number must:

1. Be the number of the generator or the number of an agency or organization who is capable of and accepts responsibility for providing detailed information about the shipment;

2. Reach a phone that is monitored 24 hours a day at all times the waste is in transportation (including transportation related storage); and

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	**4. Manifest Tracking Number**

GENERATOR

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1.					
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information

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Generator's/Offeror's Printed/Typed Name — Signature — Month — Day — Year

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month — Day — Year

Transporter 2 Printed/Typed Name — Signature — Month — Day — Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month — Day — Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name — Signature — Month — Day — Year

VOID

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number 0309131

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5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Generator's Phone:

6. Transporter 1 Company Name — U.S. EPA ID Number

7. Transporter 2 Company Name — U.S. EPA ID Number

8. Designated Facility Name and Site Address — U.S. EPA ID Number

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1.					
	2.					
	3.					
	4.					

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Generator's/Offeror's Printed/Typed Name — Signature — Month Day Year

INT'L

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Transporter Signature (for exports only): Date leaving U.S.:

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16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name — Signature — Month Day Year

Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name — Signature — Month Day Year

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3. This form must be purchased from a registered printer (https://www.epa.gov/hwgenerators/approved-registered-printers-epas-manifest-registry#how) and has been designed to be filled out using standard computer printers; a firm point pen may also be used—press down hard. After June 30, 2018, this form can also be completed electronically in EPA's e-Manifest system.

I. Instructions for Generators

Item 1. Generator's U.S. EPA Identification Number

Enter the generator's U.S. EPA twelve-digit identification number, or the state generator identification number if the generator site does not have an EPA identification number.

Item 2. Page 1 of ___

Enter the total number of pages used to complete the manifest (*i.e.*, the first page (EPA Form 8700-22) plus the number of continuation sheets (EPA Form 8700-22A), if any).

Item 3. Emergency Response Phone Number

Enter a phone number for which emergency response information can be obtained in the event of an incident during transportation. The emergency response phone number must:

1. Be the number of the generator or the number of an agency or organization who is capable of and accepts responsibility for providing detailed information about the shipment;

2. Reach a phone that is monitored 24 hours a day at all times the waste is in transportation (including transportation related storage); and

3. Reach someone who is either knowledgeable of the hazardous waste being shipped and has comprehensive emergency response and spill cleanup/incident mitigation information for the material being shipped or has immediate access to a person who has that knowledge and information about the shipment.

Note: Emergency Response phone number information should only be entered in Item 3 when there is one phone number that applies to all the waste materials described in Item 9b. If a situation (*e.g.*, consolidated shipments) arises where more than one Emergency Response phone number applies to the various wastes listed on the manifest, the phone numbers associated with each specific material should be entered after its description in Item 9b.

Item 4. Manifest Tracking Number

This unique tracking number must be pre-printed on the manifest by the forms printer.

Item 5. Generator's Mailing Address, Phone Number and Site Address

Enter the name of the generator, the mailing address to which the completed manifest signed by the designated facility should be mailed, and the generator's telephone number. Note, the telephone number (including area code) should be the normal business number for the generator, or the number where the generator or his authorized agent may be reached to provide instructions in the event the designated and/or alternate (if any) facility rejects some or all of the shipment. Also enter the physical site address from which the shipment originates only if this address is different than the mailing address.

Item 6. Transporter 1 Company Name, and U.S. EPA ID Number

Enter the company name and U.S. EPA ID number of the first transporter who will transport the waste. Vehicle or driver information may not be entered here.

Item 7. Transporter 2 Company Name and U.S. EPA ID Number

If applicable, enter the company name and U.S. EPA ID number of the second transporter who will transport the waste. Vehicle or driver information may not be entered here.

If more than two transporters are needed, use a continuation sheet(s) (EPA Form 8700-22A).

Item 8. Designated Facility Name, Site Address, and U.S. EPA ID Number

Enter the company name and site address of the facility designated to receive the waste listed on the manifest. Also enter the facility's phone number and the U.S. EPA twelve-digit identification number of the facility.

Item 9. U.S. DOT Description (Including Proper Shipping Name, Hazard Class or Division, Identification Number, and Packing Group)

Item 9a. If the wastes identified in Item 9b consist of both hazardous and nonhazardous materials, then identify the hazardous materials by entering an "X" in this Item next to the corresponding hazardous material identified in Item 9b.

Item 9b. Enter the U.S. DOT Proper Shipping Name, Hazard Class or Division, Identification Number (UN/NA) and Packing Group for each waste as identified in 49 CFR 172. Include technical name(s) and reportable quantity references, if applicable.

Note: If additional space is needed for waste descriptions, enter these additional descriptions in Item 27 on the continuation sheet (EPA Form 8700-22A). Also, if more than one Emergency Response phone number applies to the various wastes described in either Item 9b or Item 27, enter applicable Emergency Response phone numbers immediately following the shipping descriptions for those Items.

Item 10. Containers (Number and Type)

Enter the number of containers for each waste and the appropriate abbreviation from Table I (below) for the type of container.

Table I. Types of Containers

BA = Burlap, cloth, paper, or plastic bags.	DT = Dump truck.
CF = Fiber or plastic boxes, cartons, cases.	DW = Wooden drums, barrels, kegs.
CM = Metal boxes, cartons, cases (including roll-offs).	HG = Hopper or gondola cars.
CW = Wooden boxes, cartons, cases.	TC = Tank cars
CY = Cylinders.	TP = Portable tanks.
DF = Fiberboard or plastic drums, barrels, kegs.	TT = Cargo tanks (tank trucks).
DM = Metal drums, barrels, kegs.	

Item 11. Total Quantity

Enter, in designated boxes, the total quantity of waste. Round partial units to the nearest whole unit, and do not enter decimals or fractions. To the extent practical, report quantities using appropriate units of measure that will allow you to report quantities with precision. Waste quantities entered should be based on actual measurements or reasonably accurate estimates of actual quantities shipped. Container capacities are not acceptable as estimates.

Item 12. Units of Measure (Weight/Volume)

Enter, in designated boxes, the appropriate abbreviation from Table II (below) for the unit of measure.

Table II. Units of Measure

G = Gallons (liquids only)	N = Cubic Meters
K = Kilograms	P = Pounds
L = Liters (liquids only)	T = Tons (2000 Pounds)
M = Metric Tons (1000 Kilograms)	Y = Cubic Yards

Note: Tons, Metric Tons, Cubic Meters, and Cubic Yards should only be reported in connection with very large bulk shipments, such as rail cars, tank trucks, or barges.

Item 13. Waste Codes

Enter up to six federal and state waste codes to describe each waste stream identified in Item 9b. State waste codes that are not redundant with federal codes must be entered here, in addition to the federal waste codes which are most representative of the properties of the waste.

Item 14. Special Handling Instructions and Additional Information

1. Generators may enter any special handling or shipment-specific information necessary for the proper management or tracking of the materials under the generator's or other handler's business processes, such as waste profile numbers, container codes, bar codes, or response guide numbers. Generators also may use this space to enter additional descriptive information about their shipped materials, such as chemical names, constituent percentages, physical state, or specific gravity of wastes identified with volume units in Item 12.

2. This space may be used to record limited types of federally required information for which there is no specific space provided on the manifest, including any alternate facility designations; the manifest tracking number of the original manifest for rejected wastes and residues that are re-shipped under a second manifest; and the specification of PCB waste descriptions and PCB out-of-service dates required under 40 CFR 761.207. Generators, however, cannot be required to enter information in this space to meet state regulatory requirements.

Item 15. Generator's/Offeror's Certifications

1. The generator must read, sign, and date the waste minimization certification statement. In signing the waste minimization certification statement, those generators who have not been exempted by statute or regulation from the duty to make a waste minimization certification under section 3002(b) of RCRA are also certifying that they have complied with the waste minimization requirements. The Generator's Certification also contains the required attestation that the shipment has been properly prepared and is in proper condition for transportation (the shipper's certification). The content of the shipper's certification statement is as follows: "I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent." When a party other than the generator prepares the shipment for transportation, this party may also sign the shipper's certification statement as the offeror of the shipment.

2. Generator or Offeror personnel may preprint the words, "On behalf of" in the signature block or may hand write this statement in the signature block prior to signing the generator/offeror certification, to indicate that the individual signs as the employee or agent of the named principal.

Note: All of the above information except the handwritten signature required in Item 15 may be pre-printed.

II. Instructions for International Shipment Block

Item 16. International Shipments

For export shipments, the primary exporter must check the export box, and enter the point of exit (city and state) from the United States. For import shipments, the importer must check the import box and enter the point of entry (city and state) into the United States. For exports, the transporter must sign and date the manifest to indicate the day the shipment left the United States. Transporters of hazardous waste shipments must deliver a copy of the manifest to the U.S. Customs when exporting the waste across U.S. borders.

III. Instructions for Transporters

Item 17. Transporters' Acknowledgments of Receipt

Enter the name of the person accepting the waste on behalf of the first transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt. Only one signature per transportation company is required. Signatures are not required to track the movement of wastes in and out of transfer facilities, unless there is a change of custody between transporters.

If applicable, enter the name of the person accepting the waste on behalf of the second transporter. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

Note: Transporters carrying imports, who are acting as importers, may have responsibilities to enter information in the International Shipments Block. Transporters carrying exports may also have responsibilities to enter information in the International Shipments Block. See above instructions for Item 16.

This manifest reflects formatting changes made by U.S. EPA in December 2017. Beginning on June 30, 2018, this manifest (Revision 12-17) must be used and all previous editions are prohibited. Go to www.epa.gov/e-manifest for additional information.

IV. Instructions for Owners and Operators of Receiving Facilities Designated On the Manifest

Item 18. Discrepancy

Item 18a. Discrepancy Indication Space

1. The authorized representative of the designated (or alternate) facility's owner or operator must note in this space any discrepancies between the waste described on the manifest and the waste actually received at the facility. Manifest discrepancies are: significant differences (as defined by §§ 264.72(b) and 265.72(b)) between the quantity or type of hazardous waste designated on the manifest or shipping paper, and the quantity and type of hazardous waste a facility actually receives, rejected wastes, which may be a full or partial shipment of hazardous waste that the facility cannot accept, or container residues, which are residues that exceed the quantity limits for "empty" containers set forth in 40 CFR 261.7(b).

2. For rejected loads and residues (40 CFR 264.72(d), (e), and (f), or 40 CFR 265.72(d), (e), or (f)), check the appropriate box if the shipment is a rejected load (*i.e.*, rejected by the designated and/or alternate facility and is sent to an alternate facility or returned to the generator) or a regulated residue that cannot be removed from a container. Enter the reason for the rejection or the inability to remove the residue and a description of the waste. Also, reference the manifest tracking number for any additional manifests being used to track the rejected waste or residue shipment on the original manifest. Indicate the original manifest tracking number in Item 14, the Special Handling Block and Additional Information Block of the additional manifests.
3. Owners or operators of facilities located in unauthorized states (*i.e.*, states in which the U.S. EPA administers the hazardous waste management program) who cannot resolve significant differences in quantity or type within 15 days of receiving the waste must submit to their Regional Administrator a letter with a copy of the manifest at issue describing the discrepancy and attempts to reconcile it (40 CFR 264.72(c) and 265.72(c)).

4. Owners or operators of facilities located in authorized states (*i.e.*, those states that have received authorization from the U.S. EPA to administer the hazardous waste management program) should contact their state agency for information on where to report discrepancies involving "significant differences" to state officials.

Item 18b. Alternate Facility (or Generator) for Receipt of Full Load Rejections

Enter the name, address, phone number, and EPA Identification Number of the Alternate Facility which the rejecting facility has designated, after consulting with the generator, to receive a fully rejected waste shipment. In the event that a fully rejected shipment is being returned to the generator, the rejecting facility may enter the generator's site information in this space. This field is not to be used to forward partially rejected loads or residue waste shipments.

Item 18c. Alternate Facility (or Generator) Signature

The authorized representative of the alternate facility (or the generator in the event of a returned shipment) must sign and date this field of the form to acknowledge receipt of the fully rejected wastes or residues identified by the initial facility.

Item 19. Hazardous Waste Report Management Method Codes

Enter the most appropriate Hazardous Waste Report Management Method code for each waste listed in Item 9. The Hazardous Waste Report Management Method code is to be entered by the first facility that receives the waste and is the code that best describes the way in which the waste is to be managed when received by the facility.

Item 20. Designated Facility Owner or Operator Certification of Receipt (Except As Noted in Item 18a)

Enter the name of the person receiving the waste on behalf of the owner or operator of the facility. That person must acknowledge receipt or rejection of the waste described on the

manifest by signing and entering the date of receipt or rejection where indicated. Since the Facility Certification acknowledges receipt of the waste except as noted in the Discrepancy Space in Item 18a, the certification should be signed for both waste receipt and waste rejection, with the rejection being noted and described in the space provided in Item 18a. Fully rejected wastes may be forwarded or returned using Item 18b after consultation with the generator. Enter the name of the person accepting the waste on behalf of the owner or operator of the alternate facility or the original generator. That person must acknowledge receipt or rejection of the waste described on the manifest by signing and entering the date they received or rejected the waste in Item 18c. Partially rejected wastes and residues must be re-shipped under a new manifest, to be initiated and signed by the rejecting facility as offeror of the shipment.

Note: The e-Manifest Act mandates several changes to the federal manifest program. Beginning on June 30, 2018:

- This manifest (Revision 12-17) must be used and all previous editions are prohibited.
- Any facility (e.g., a RCRA-permitted facility, Subtitle D facility) that receives a manifest accompanying a state-only regulated waste must comply with 40 CFR 264.71 or 265.71 (use of the manifest) and 40 CFR 264.72 or 265.72 (manifest discrepancies).
- Any facility that receives a paper manifest accompanying a federally regulated hazardous waste or state-only regulated waste must submit the top copy (Page 1) of the manifest and any continuation sheets to the U.S. EPA's e-Manifest system within 30 days. The copies must be submitted in an acceptable format. Submissions must be made at the mailing address or electronic mail/submission address specified at the e-Manifest program website's directory of services (see www.epa.gov/e-manifest)
- The facility will be assessed a fee for each manifest copy submitted.
- Go to www.epa.gov/e-manifest for the directory of services and additional information.

What are the instructions for completing the continuation sheet (EPA Form 8700-22A)?

Read all instructions before completing the form.

Federal regulations require generators and transporters of hazardous waste and owners or operators of receiving facilities designated on the manifest to use the uniform hazardous waste manifest (EPA Form 8700-22) and, if necessary, this continuation sheet (EPA Form 8700-22A) for both interstate and intrastate transportation. This form must be used as a continuation sheet to U.S. EPA Form 8700-22 if:

- More than two transporters are to be used to transport the waste; or
- More space is required for the U.S. DOT descriptions and related information in Item 9 of U.S. EPA Form 8700-22.

This continuation sheet reflects formatting changes made by U.S. EPA in December 2017. Beginning on June 30, 2018, this continuation sheet (Revision 12-17) must be used and all previous editions are prohibited. Go to www.epa.gov/e-manifest for additional information.

This form must be purchased from a registered printer (https://www.epa.gov/hwgenerators/approved-registered-printers-epas-manifest-registry#how) and has been designed to be filled out using standard computer printers; a firm point pen may also be used—press down hard. After June 30, 2018, this form can also be completed electronically in EPA's e-Manifest system.

I. Generators

Item 21. Generator's ID Number

Enter the generator's U.S. EPA twelve-digit identification number or, the state generator identification number if the generator site does not have an EPA identification number.

Item 22. Page ___

Enter the page number of the continuation sheet.

Item 23. Manifest Tracking Number

Enter the Manifest Tracking Number from Item 4 of the manifest form to which the continuation sheet is attached.

Item 24. Generator's Name—

Enter the generator's name as it appears in Item 5 on the first page of the manifest.

Item 25. Transporter—Company Name

If additional transporters are used to transport the waste described on the manifest, enter the company name of each additional transporter in the order in which they will transport the waste. Enter after the word "Transporter" the order of the transporter. For example, Transporter 3 Company Name. Also enter the U.S. EPA twelve-digit identification number of the transporter described in Item 25.

Item 26. Transporter—Company Name

If additional transporters are used to transport the waste described on the manifest, enter the company name of each additional transporter in the order in which they will transport the waste. Enter after the word "Transporter" the order of the transporter. For example, Transporter 4 Company Name. Each continuation sheet can record the names of two additional transporters. Also enter the U.S. EPA twelve-digit identification number of the transporter named in Item 26.

Item 27. U.S. D.O.T. Description Including Proper Shipping Name, Hazardous Class, and ID Number (UN/NA)

For each row enter a sequential number under Item 27b that corresponds to the order of waste codes from one continuation sheet to the next, to reflect the total number of wastes being shipped. Refer to instructions for Item 9 of the manifest for the information to be entered.

Item 28. Containers (No. And Type)

Refer to the instructions for Item 10 of the manifest for information to be entered.

Item 29. Total Quantity

Refer to the instructions for Item 11 of the manifest form.

Item 30. Units of Measure (Weight/Volume)

Refer to the instructions for Item 12 of the manifest form.

Item 31. Waste Codes

Refer to the instructions for Item 13 of the manifest form.

Item 32. Special Handling Instructions and Additional Information

Refer to the instructions for Item 14 of the manifest form.

II. Transporters

Item 33. Transporter—Acknowledgment of Receipt of Materials

Enter the same number of the Transporter as identified in Item 25. Enter also the name of the person accepting the waste on behalf of the Transporter (Company Name) identified in Item 25. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

Item 34. Transporter—Acknowledgment of Receipt of Materials

Enter the same number of the Transporter as identified in Item 26. Enter also the name of the person accepting the waste on behalf of the Transporter (Company Name) identified in Item 26. That person must acknowledge acceptance of the waste described on the manifest by signing and entering the date of receipt.

III. Owner and Operators of Treatment, Storage, or Disposal Facilities

Item 35. Discrepancy Indication Space

Refer to Item 18. This space may be used to more fully describe information on discrepancies identified in Item 18a of the manifest form.

Item 36. Hazardous Waste Report Management Method Codes

For each field in Item 36, enter the sequential number that corresponds to the waste materials described under Item 27, and enter the appropriate process code that describes how the materials will be processed when received. If additional continuation sheets are attached, continue numbering the waste materials and process code fields sequentially, and enter on each sheet the process codes corresponding to the waste materials identified on that sheet.

What is the public reporting burden associated with the manifest?

The public burden related to the Uniform Hazardous Waste Manifest, which is approved under OMB 2050-0039, is estimated to average (per manifest) 60 minutes for generators; 20 minutes for transporters; and 30 minutes for owners and operators of receiving facilities designated on the manifest. This is a mandatory collection under 40 CFR Part 262, Subpart B, 40 CFR Part 263, Subpart B, and 40 CFR Parts 264 and 265, Subpart E. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The completed form should be submitted in accordance with the instructions accompanying the form, or as specified in the corresponding regulation. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of e-Manifest, to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Please include the OMB control number in any correspondence. **Do NOT send the completed manifest forms to this address.** Privacy Act Statement - *None of the information collected under the Manifest Program is considered Personally Identifiable Information (PII) or Confidential Business Information (CBI).*



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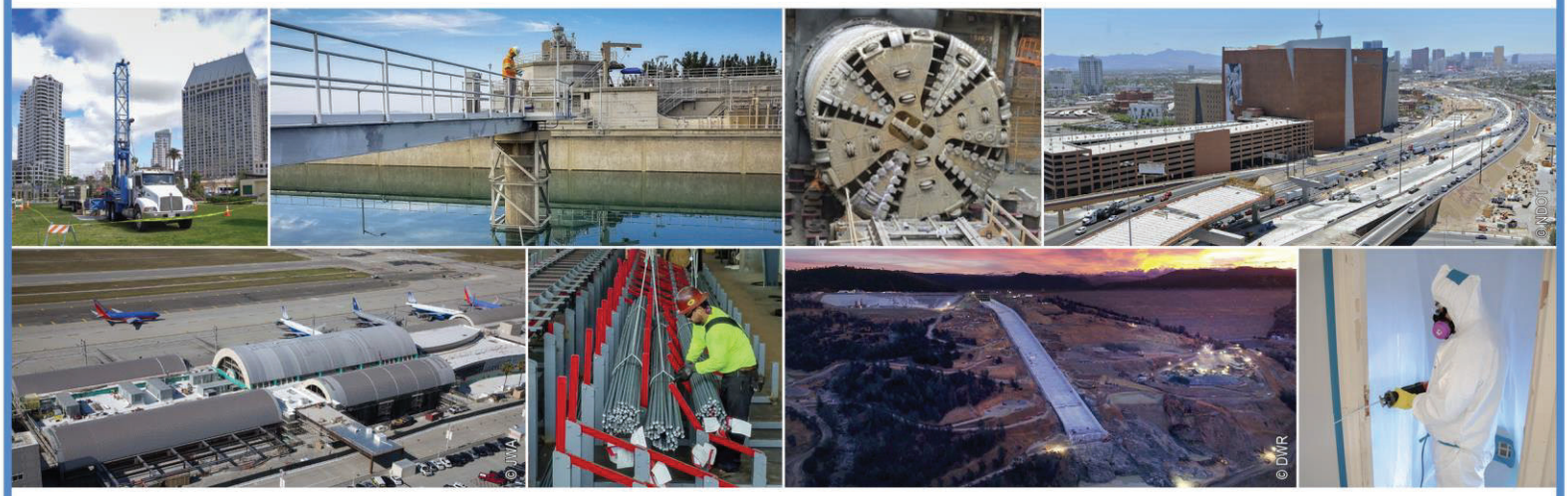

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APPENDIX F-4

HUMAN HEALTH RISK ASSESSMENT

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Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

35+ YEARS

April 1, 2025
Project No. 212797001

Mr. Ryan Rigali
County of Orange Executive Office
Real Estate/Land Development
400 West Civic Center Drive, 5th Floor
Santa Ana, California 92701

Subject: Technical Memorandum – Human Health Risk Assessment and Vapor Intrusion Mitigation Recommendation
Proposed Workforce Reentry Center
561 The City Drive South
Orange, California 92868

Dear Mr. Rigali:

Ninyo & Moore submits this technical memorandum to present the results of our human health risk assessment (HHRA) (Attachment A) based on the findings of the Phase II environmental site assessment (ESA) (Ninyo & Moore, 2024a) implemented at 561 The City Drive South in Orange, California (site). The additional Phase II ESA field work and subsequently drafted HHRA were conducted in accordance with Amendment No. 2 to Proposal No. 212172000M (Ninyo & Moore, 2024b) dated December 12, 2024 under Subordinate Agreement Number CT-017-25010125, dated August 6, 2024. In addition to the HHRA, this technical memorandum presents recommendations for vapor intrusion mitigation based on the findings of the HHRA.

BACKGROUND

Ninyo & Moore conducted a Phase I ESA (Ninyo & Moore, 2024c) at the site in 2024 to identify recognized environmental conditions (RECs) and included a review of the physical setting and background information; property reconnaissance; review of regulatory agency databases; review of historical information; user-provided information; interview with the property owner; and opinions by Ninyo & Moore regarding identified RECs. RECs identified during the Phase I ESA included the following:

- Potentially aerially-deposited lead contamination from State Route 22 Highway.
- Residual levels of contaminants from the former leaking underground storage tank (LUST) case at 591 The City Drive South, which was granted closure from the Santa Ana Regional Water Quality Control Board in 2003.

- A potential for vapor encroachment due to the former LUST case at 591 The City Drive South.

In August of 2024, Ninyo & Moore oversaw the advancement of eight borings (B-1 through B-8) by MR Drilling of Santa Fe Springs, California to assess soil and soil vapor on-site. Following an initial round of soil and soil vapor sampling, Ninyo & Moore remobilized to the site with MR Drilling in January of 2025 to advance four additional soil borings (B-9 through B-12) to further investigate soil vapor in the subsurface of proposed building footprints.

The findings and conclusions of the Phase II ESA are as follows:

- The results of the Phase II ESA indicated that petroleum hydrocarbons impact on-site soil, particularly diesel.

- Total petroleum hydrocarbons (TPH) as diesel range organics (DRO) were detected in soil from boring B-4 at 10 and 15 feet below ground surface (bgs) and in soil from boring B-6 at 5 feet bgs. Soil samples B-4-10 and B-4-15 contained TPH DRO at concentrations of 660 and 430 mg/kg, respectively which exceed the residential United States Environmental Protection Agency (EPA) Regional Screening Level (RSL) of 96 mg/kg (EPA, 2024).

- Concentrations of arsenic were detected at the 10-foot bgs sample from boring B-4 at a concentration (50 mg/kg), which exceeds the California Department of Toxic Substances Control (DTSC) maximum allowable concentration of 12 mg/kg, and is greater than ten times the soluble threshold limit concentration (STLC)-based hazardous waste screening criteria, though an actual STLC analysis of sample B-4-10 indicated that soluble arsenic in this sample (2.4 mg/L) is below the STLC-based Non-RCRA, California hazardous waste criteria of 5 mg/L.

- The analytical results obtained during the Phase II ESA indicated that aerially deposited lead has not resulted in lead concentrations above residential regulatory screening levels, and based on these results, additional investigation of lead does not appear warranted.

- Tetrachloroethene (PCE) was detected in soil vapor at concentrations exceeding the DTSC residential screening level for soil vapor (modified from the indoor air screening level) of 15.3 µg/m3 in vapor from seven soil vapor probes, indicating there is a potential unknown source of PCE in the general area. One sample, SV-1-5, had a detected PCE concentration exceeding the DTSC commercial screening level for soil vapor (modified from the indoor air screening level) of 66.7 µg/m3

- Benzene was detected in soil vapor at levels exceeding both the DTSC residential and commercial screening levels for soil vapor (modified from the indoor air screening level) of, respectively, 3.2 and 14 µg/m3 in the seventeen-foot soil vapor probe at boring B-3 during the August 2024 sampling event. Benzene was detected in soil vapor at levels exceeding the DTSC residential screening level for soil vapor (modified from the indoor air screening level) of 3.2 µg/m3 in the 14-foot soil vapor probe at boring B-11 during the January 2025 sampling event. Benzene was not detected above the laboratory reporting limit in the other soil vapor samples analyzed.

Based on the findings of the initial Phase II ESA activities, a soil management plan (SMP) was prepared by Ninyo & Moore (2024d) to establish protocols for the handling of soil on-site during construction activities and detailed guidelines for the handling and segregation of impacted soils on

site. Following the January 2025 Phase II ESA activities, Ninyo & Moore began preparation of an HHRA to investigate the risk of impacted soil and soil vapor on-site to future occupants and residents.

HHRA RESULTS AND RECOMMENDATIONS

The HHRA (Attachment A) was prepared by Ninyo & Moore's toxicologist in accordance with EPA and DTSC guidelines. In summary, the HHRA concluded that impacted soils encountered during construction activities be handled in accordance with the SMP and that impacted soils do not pose a significant threat to future on-site occupants or residents. Further, the HHRA concluded that both the hazard quotient and cancer risk estimated using the Jonson and Ettinger model are within levels considered safe and acceptable by California health and environmental protection agencies and that, based on the results, volatile organic compounds detected in soil vapor at the site do not pose a significant threat to future on-site occupants or residents. As a conservative measure and considering detected soil vapor concentrations exceeding regulatory screening levels on-site, Ninyo & Moore recommends that a vapor membrane be installed beneath the slab of all proposed buildings to counteract potential future vapor intrusion.

Ninyo & Moore appreciates the opportunity to provide our services on this project. If you have any questions, please contact the undersigned at your convenience.

Respectfully submitted,
NINYO & MOORE



Eduardo Chavez
Project Geologist



Jeff Aguilar, PG
Principal Geologist



Heriberto Robles, M.S., PhD, DABT
Principal Toxicologist

EAC/BNW/JA/lva

Attachments: Attachment A – Human Health Risk Assessment

REFERENCES

California Department of Toxic Substances Control, 2022, Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note Number 3, DTSC-modified Screening Levels (DTSC-SLs), dated May

Ninyo & Moore, 2024a, Limited Phase II Environmental Site Assessment, Workforce Reentry Center, 561 The City Drive South, Orange, California, dated February 21.

Ninyo & Moore, 2024b, Revised Proposal for Environmental Consulting Services, Workforce Reentry Center, 561 The City Drive South, Orange, California, dated June 29.

Ninyo & Moore, 2024c, Phase I Environmental Site Assessment, Workforce Reentry Center, 561 The City Drive South, Orange, California, dated June 14.

Ninyo & Moore, 2024c, Phase I Environmental Site Assessment, Workforce Reentry Center, 561 The City Drive South, Orange, California, dated June 14.

United States Environmental Protection Agency, 2024, Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1), updated May.

ATTACHMENT A

Human Health Risk Assessment

Attachment A

Human Health Risk Assessment for Workforce Reentry Center 561 The City Drive South Orange, California

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1.0 INTRODUCTION

The objective of this Human Health Risk Assessment (HHRA) was to determine whether traces of metals, organochlorinated pesticides, polynuclear aromatic hydrocarbons (PAHs) and total petroleum hydrocarbons (TPH) in soil, and volatile organic compounds (VOCs) detected in soil gas under the property, represent a threat to future onsite residents.

The HHRA was performed in conformance with the following guidance from the United States Environmental Protection Agency (USEPA) and the California Department of Toxic Substances Control (DTSC):

- DTSC. 2011. *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air.*
- DTSC. 2015. *Preliminary Endangerment Assessment Guidance Manual.*
- DTSC. 2019a. *HHRA Note Number 10, Toxicity Criteria*.
- DTSC. 2019b. *HHRA Note Number 1, Recommended DTSC Default Exposure Factors for Use in Risk Assessment at California Hazardous Waste Sites and Permitted Facilities.*
- DTSC. 2022a. *HHRA Note Number 4*, *Guidance for Screening Level Human Health Risk Assessments.*
- DTSC. 2022c. *HHRA Note Number 11, Southern California Ambient Arsenic Screening Level*
- DTSC. 2023. *Supplemental Guidance: Screening and Evaluating Vapor Intrusion.*
- USEPA. 1989. *Risk Assessment Guidance for Superfund: Volume l - Human Health Evaluation Manual.*
- USEPA. 2024. *Regional Screening Levels.*

As required by the USEPA and DTSC, this HHRA quantitatively evaluates the potential health impacts associated with human exposure to chemicals detected in soil and soil gas beneath the Subject Property. Site characterization data collected during the most recent site investigation were compiled into a database and statistically analyzed to establish representative chemical concentrations. Then, where appropriate, environmental fate and transport models were used to estimate the concentrations of the chemicals to which human receptors might be exposed.

Conservative methods, models, and assumptions have been utilized during the preparation of this HHRA in accordance with the guidelines of the USEPA and DTSC. In addition, the HHRA incorporates, to the extent possible, recent improvements and refinements in the practice of risk assessment. Current regulatory guidance requires risk assessments to be conservative in nature and to

overestimate potential health risks. Therefore, actual risks associated with conditions evaluated in this HHRA are likely to be lower than those described herein.

2.0 SELECTION OF CHEMICALS OF POTENTIAL CONCERN

All chemicals detected at the Subject Property were included in a formal selection of chemicals of potential concern (COPC). As described in current USEPA and DTSC risk assessment guidance, the purpose of selecting COPCs is to focus the assessment on those chemicals that could reasonably be expected to pose a significant health risk. COPCs were selected so that the most prevalent, and potentially toxic, compounds detected at the Site (i.e., those chemicals that represent the greatest potential threat to human health) were quantitatively evaluated in the HHRA.

2.1 ORGANIC COMPOUNDS

The organic chemicals detected were organochlorinated pesticides, PAHs, TPH in soil and VOCs in soil gas. VOCs detected included aromatic hydrocarbons and chlorinated hydrocarbons. Organic compounds detected in soil and/or soil gas at concentrations above laboratory reporting limits at least once were considered to be COPCs for the Site.

2.2 METALS

In a conventional risk assessment, metal elements detected in soil at concentrations deemed to be within natural, background concentrations are excluded from the risk evaluation (USEPA, 1989 and DTSC, 2015). In this HHRA, except for arsenic and lead, all detected metals were included in this HHRA.

In accordance with DTSC risk assessment guidance, potential health risk and hazards posed by arsenic in soil were not directly evaluated in this HHRA. The guidance specifically states that for arsenic, cleanup levels should be set at the background concentration. The soil arsenic background concentration for Southern California is 12 milligrams per kilogram (mg/kg; DTSC 2022c). The maximum soil arsenic concentration detected at the Site was 50 mg/kg in soil sample (B-4-10 (Table X). Since soil sample B-A-10 is located at a depth of 10 feet below ground surface, the elevated arsenic at this location is considered to be too deep to pose a health risk to future onsite residents.

As for lead, the maximum detected soil lead concentration was compared to the soil lead concentration the DTSC has determined to be safe for residential land uses. The soil screening level of 80 mg/kg was used for comparison. The maximum soil lead concentration detected in soil at the Site was 39 mg/kg. Since the maximum detected soil lead concentration is below the soil screening level of 80 mg/kg, it is concluded that lead in soil does not pose a health threat to future onsite residents.

3.0 EXPOSURE ASSESSMENT

California health and environmental protection agencies require the remediation of chemical-impacted soil if the chemicals are found to represent a threat to human health and the environment. Similarly, efforts should be made for environmental cleanup to the extent that the threat posed by the COPCs is reduced to acceptable levels. The purpose of this HHRA was to determine if metals, pesticides, PAHs, TPH, and VOCs detected in soil and soil gas at the Subject Property represent a threat to human health and the environment.

3.1 CONCEPTUAL SITE MODEL

A Conceptual Site Model (CSM) shows all potentially complete exposure pathways for a given environmental source. The CSM identifies potential chemical sources, release mechanisms, transport media, routes of chemical migration through the environment, exposure media, and potential receptors. The CSM for the Subject Property is presented in Figure A-1. The following paragraphs define the exposure pathways evaluated in this HHRA and the rationale for their inclusion or elimination from consideration.

The current development plan for the property involves the construction of a residential community. Therefore, future onsite residents will not be in contact with soils while at the Subject Property. However, it is conceivable that the residential complex could be surrounded by landscaped areas. If this is the case, future onsite residents could come into contact with soil while outdoors. Therefore, the incidental ingestion of, and dermal contact with, potentially impacted soil is considered to be an unlikely but complete exposure pathway.

This HHRA assumed that a potential source of VOCs exists under the Subject Property. It was also assumed that this potential VOC source would be infinite and in steady-state condition (i.e., not depleting) for the next 26 years even though the concentrations would likely deplete over time. The assumption that VOC vapors will continue to migrate up to the surface and enter a building through cracks in its foundation is a conservative assumption and will result in an over-estimate of health risk. Regardless, this vapor intrusion pathway is considered a potential exposure pathway and is evaluated in this HHRA.

It is safe to assume that future onsite receptors will receive their drinking water from municipal sources and will not depend on groundwater wells for their water needs. Therefore, the surface water and groundwater exposure pathways are not considered to be complete exposure pathways for future onsite receptors.

3.2 POTENTIALLY EXPOSED POPULATIONS

In an effort to present a conservative evaluation of risks, this HHRA assumed the Site will be developed for residential use. Under these conditions, future onsite residents could include adult and child residents. Other non-residential receptors (such as construction workers, maintenance workers, and trespassers) could come into contact with soil or vapors during redevelopment of the Subject Property; however, this HHRA evaluated health risks for the most sensitive and highly exposed individuals. This HHRA evaluated adult and child residential receptors that might be exposed to soil, dust and indoor air for up to 26 years. The child receptors evaluated were assumed to be exposed to soil, 350 days a year for up to 6 years of their early lives. If residual COPCs are found to be safe for children (at an age when humans are more sensitive and vulnerable), then it can be said that exposure to soil does not pose a health risk to other receptors (such as construction and maintenance workers) who are not as sensitive and who will have shorter exposure durations. Default exposure parameters that define the potential receptors at the Site are presented in Table A-1.

Although offsite residential populations and any potentially sensitive subpopulations located within a one-mile radius of the Subject Property may also be exposed to COPCs identified at the Subject Property, their exposures should be substantially less than those estimated for onsite residential receptors because of wind dispersion and dilution. Therefore, only exposure to hypothetical onsite residents is quantitatively evaluated in this HHRA.

3.3 SOIL AND DUST EXPOSURE POINT CONCENTRATIONS

Only a few metals, pesticides, PAHs, and TPH were detected in soil at the Subject Property (Table 1-3). Exposure to these chemicals may occur via inhalation of fugitive dust. Inhalation exposure to non-volatile compounds is typically minor in fugitive dust when compared to direct ingestion exposure (USEPA, 2002). Nevertheless, a relationship must be estimated between the chemical concentration in soil and the concentration in air due to fugitive dust emissions from surface soil.

The USEPA (2002) and DTSC (2015) recommend using a particulate emission factor (PEF) to model COPC concentrations in airborne dust. The PEF represents an annual average emission rate based on wind erosion. The default PEF value for a residential exposure scenario published by the DTSC (2019b) was used in this HHRA. The residential PEF value of 1.36E+09 cubic meters per kilogram (m^3/kg) was used to estimate dust emissions for the Site. The COPC concentration in ambient air due to dust emissions was obtained by dividing the soil COPC concentrations by the PEF. The estimated ambient air exposure point concentrations were used to estimate dust inhalation exposures for onsite receptors.

3.4 VAPOR INHALATION OF CHEMICALS IN INDOOR AIR

Risk characterization involves estimating the magnitude of the potential adverse health effects that could occur due to chronic, long-term exposure to chemicals identified in soil gas at the site. The risk characterization is based on the results of the dose-response (toxicity) and exposure assessment.

It is known that chemicals may migrate through environmental media from their source to a point where human receptors may be exposed. Therefore, it was necessary to determine if the detected VOCs – given their residual concentrations, locations, soil physical characteristics, weather conditions, etc. – could potentially migrate to the surface (where human receptors may be exposed).

Screening-level models were used to predict indoor air concentrations that may result from the chemical vapors potentially released from soil gas under the site. The estimated vapor flux and indoor air concentrations were then used to estimate potential health risks that may result from onsite exposures. For purposes of this evaluation, it was assumed that the land use would be residential. The only exposure pathway that was considered complete was the volatilization of VOCs from soil gas and the subsequent emission to indoor air.

In this evaluation, maximum concentrations detected in soil gas were considered representative of chemical concentrations present in soil gas under the Subject Property.

The DTSC guidance recommends that multiple lines of evidence be used when evaluating the potential risk and hazards posed by vapor intrusion. DTSC recommends that the indoor air chemical concentrations that can result from vapor intrusion be estimated using the following equation:

$$AF = \frac{C_{indoor}}{C_{soil\ gas}}$$

Where:

AF	=	Attenuation factor (unitless)
C_{indoor}	=	Indoor air concentration (ug/m^3)
$C_{soil\ gas}$	=	Soil gas concentration (ug/m^3)

Using the above equation, the indoor air chemical concentration can be estimated by multiplying the known soil gas concentration by the default attenuation factor (AF). In accordance with the DTSC's Supplemental Vapor Intrusion Guidance (DTSC, 2023), a default AF of 0.03 was used in the evaluation.

The model assumes that the concentrations in indoor air are proportional to the flux throughout the soil column, and that a gas infiltrating into the building through the foundation floor is

uniformly and instantaneously mixed within the air space above the lowest occupied floor of the building. Because this model ignores a number of possible mitigating factors, it is likely that it over-predicts the chemical flux to indoor air. However, because of its simplicity, this approach provides a simple method to estimate the likely maximum rate at which chemicals would be transported to the surface soils and into a building.

The indoor air chemical concentrations estimated to result from the volatilization of VOCs could be considered to represent a "worst-case" estimate. In the calculations, it was assumed that single chemical compounds are volatilizing, traveling alone through the vadose zone and escaping to ambient air. In reality, all chemicals detected at the site are competing with each other for available soil-pore space. It is well known that chemical volatilization and migration is limited by the vapor saturation in the vadose zone. Estimated indoor air VOC concentrations are presented in Table A-2.

4.0 TOXICITY ASSESSMENT

In order to evaluate the potential adverse effects associated with exposure to COPCs, the relationship between the dose of each chemical and the incidence or potential of an adverse health effect in an exposed population must be determined. This is known as the dose-response assessment and is based on data collected from animal studies and theoretical precepts about what might occur in humans.

This HHRA considers both carcinogenic and non-carcinogenic health effects associated with chemical exposures based on dose-response criteria published by various regulatory agencies.

In this HHRA, chronic toxicity criteria were selected in accordance with the DTSC Regulation "Toxicity Criteria for Human Health Risk Assessment" (effective September 2018) (https://dtsc.ca.gov/LawsRegsPolicies/Regs/Toxicity-Criteria-for-Human-Health-Risk-Assessment). Toxicity information was obtained from the following sources in the hierarchy shown:

1) DTSC HERO HHRA Note 10 (DTSC, 2019a);
2) DTSC HERO HHRA Note 4 (DTSC, revised 2022a);
3) USEPA Regional Screening Levels (RSLs) for Chemical Contaminants at Superfund Sites (USEPA, 2024);
4) San Francisco Bay Regional Water Quality Control Board (SFRWQCB), User's Guide: Derivation and Application of Environmental Screening Levels (ESLs) (SFRWQCB, 2019).

4.1 NON-CARCINOGENIC DOSE-RESPONSE CRITERIA

It is widely accepted that most biological effects of chemical substances occur only after a threshold dose is reached. For the purpose of establishing non-carcinogenic criteria levels, this threshold dose is usually derived from either the no observed adverse effect level (NOAEL) or the lowest observed adverse effect level (LOAEL), as determined in chronic animal exposure studies. The NOAEL is defined as the highest dose at which no adverse effects occur, while the LOAEL is defined as the lowest dose at which adverse effects begin to appear. NOAELs and LOAELs are used by the USEPA to establish reference doses (RfDs) for acceptable levels of human intake.

A RfD is the dose of a chemical that is not expected to cause adverse health effects over a lifetime of daily exposure in the most sensitive population. Uncertainty factors are used to set RfDs, representing an attempt to account for limitations in the quality or quantity of available data. Most RfDs include a 100-fold safety factor that is based on 1) a factor of 10 to account for uncertainties

in extrapolating animal data to human health effects, and 2) another 10-fold safety factor to account for differences in sensitivity within the human population. Furthermore, if an available database is incomplete, or if the involved chemical is persistent or bioaccumulative, additional 10-fold safety factors may be applied. Reference doses for chemicals detected in soil are compiled in Table A-2. Reference doses for VOCs detected in soil gas are summarized in Table A-3.

4.2 CARCINOGENIC DOSE-RESPONSE CRITERIA

The currently accepted regulatory approach assumes that all potentially carcinogenic chemicals should be treated as if they do not have thresholds. This regulatory approach, which was used to evaluate carcinogenic risks for this HHRA, assumes that the dose-response curve for carcinogens allows for zero risk at zero dose (i.e., for all doses, some cancer risk is assumed to be present). Since animal testing is performed at relatively high doses for the purposes of eliciting a carcinogenic response, various mathematical models are used to estimate the theoretically plausible response at low doses. The accuracy of the projected risk depends on how well the model predicts the true relationship between dose and risk at levels where this relationship cannot actually be measured.

Health risks for exposures to carcinogens are defined in terms of probabilities. The probabilities quantify the likelihood of a carcinogenic response in an individual that receives a given dose of a particular compound. These probabilities are calculated based on the potential dose and the cancer slope factor (CSF) for a chemical.

The CSF, which is expressed in units of inverse milligrams per kilogram-day $(mg/kg\text{-}day)^{-1}$, is the 95 percent upper confidence limit of the probability of carcinogenic response per unit daily intake of a chemical over a lifetime. The CSF multiplied by the lifetime average daily intake of the chemical (dose) provides an estimate of the 95 percent upper confidence limit of the theoretical cancer risk for the specific dose. The CSFs used in this HHRA to estimate carcinogenic risks are presented in Table A-3.

For the inhalation pathway, cancer risks are calculated based on the potential exposure concentration and the inhalation unit risk (IUR) for a chemical. The IUR, which is expressed in units of inverse micrograms per cubic meter $(ug/m^3)^{-1}$, is the 95% Upper Confidence Limit (UCL) of the probability of carcinogenic response per unit daily exposure to a given chemical concentration over a lifetime. The IUR multiplied by the lifetime exposure concentration of the chemical provides an estimate of the 95% UCL of the theoretical cancer risk for the specific chemical. The IURs used in this evaluation to estimate carcinogenic dose-assessment risks are presented in Table A-4.

In this assessment, chronic toxicity criteria were selected in accordance with the DTSC Regulation "Toxicity Criteria for Human Health Risk Assessment" (effective September 2018)

(https://dtsc.ca.gov/LawsRegsPolicies/Regs/Toxicity-Criteria-for-Human-Health-Risk-Assessment). Toxicity information was obtained from the DTSC Human and Ecological Risk Office (HERO) HHRA Note 10, Toxicity Criteria (DTSC, 2019a).

5.0 RISK CHARACTERIZATION

Risk characterization combines information obtained in the exposure assessment and fate and transport modeling with toxicological parameters to obtain an estimate of potential health effects. Risk characterization is conducted in two distinct steps. First, quantification of the daily intake (dose) of the chemical is estimated. Intake assumptions including absorption and bioavailability factors, frequency and duration of exposure, age of receptor, body weight, and exposure rates are used to calculate the dose. The second step in the risk characterization process compares the estimated daily dose to cancer potency factors and reference doses to obtain an estimate of potential health risks and hazards.

5.1 AVERAGE DAILY DOSE / LIFETIME DAILY DOSE

This section discusses the methods used to quantify the average daily dose (ADD) of COPCs that may be received by the potential receptors from the ingestion, dermal contact, and inhalation of chemicals detected in soil and soil gas at the Subject Property. An ADD is calculated to estimate non-carcinogenic health hazards. A lifetime daily dose (LDD) is calculated to obtain the potential lifetime doses of carcinogenic chemicals that are received by the potential receptors.

The general equation used to estimate the average daily dose for ingestion and dermal contact exposures is:

$$\mathrm{ADD} = \frac{\mathrm{EPC_{soil}} \times \mathrm{CR} \times \mathrm{EF} \times \mathrm{ED} \times \mathrm{CF}}{\mathrm{BW} \times \mathrm{AT} \times 365}$$

where:

ADD= Average daily intake (mg/kg/day)
EPC = Exposure point concentration (e.g., mg/kg soil or mg/m^3 vapor or airborne dust particles)
CR = Contact rate; the amount of medium contacted per unit of time or event (e.g., soil ingestion rate [mg/hour])
CF = Unit conversion factor (e.g., 1E-06 kg/mg)
EF = Exposure frequency (days/year)
ED = Exposure duration (years)
BW = Body weight (kg)
AT = Averaging time (years)

The LADD is estimated using the same equation. The only difference is that the averaging time (AT) is assumed to be a human average lifetime (70 years). For the inhalation exposure pathway, USEPA (2009) recommends that when estimating risk or hazard via inhalation, the concentration of the

chemical in air (e.g., ug/m^3) should be used as the exposure metric rather than inhalation intake of a COPC in air based on an inhalation rate and body weight (e.g., mg/kg-day). Therefore, the ADD for the inhalation pathways is replaced with an exposure concentration factor (EC), as follows:

$$EC_{inh} = \frac{EPC_{soil} \times EF \times ED \times ET}{AT \times PEF}$$

where:

EC_{inh}	=	Exposure concentration factor of COPC in outdoor air from soil (kg/m^3)
EPC_{soil}	=	Exposure point concentration (e.g., mg/kg soil)
EF	=	Exposure frequency (days/year)
ED	=	Exposure duration (years)
ET	=	Exposure time (24 hrs for a resident)
AT	=	Averaging time (years)
PEF	=	Particulate emission factor for soil (m^3/kg)

The default exposure parameters used in this HHRA for hypothetical residential receptors are based on DTSC (2019) guidance and represent approximate typical exposure conditions. These parameters are summarized in Table A-1.

5.2 SOIL EXPOSURE NON-CARCINOGENIC HEALTH HAZARDS

The potential for adverse noncancer effects due to exposure to an individual COPC is expressed as the hazard quotient (HQ). COPC-specific HQs are estimated by calculating the ratio of the ADDs for ingestion or dermal exposures to the chronic reference dose (RfD), and the exposure concentration (EC_{inh}) to the inhalation reference concentration (RfC). The following equations are used to estimate the noncancer HQ for direct contact and outdoor inhalation exposures, respectively:

$$HQ_{oral/dermal} = \frac{ADD}{RfD}$$

$$HQ_{inh} = \frac{EC_{inh}}{RfC}$$

The HQs for each COPC and all exposure pathways were summed to estimate the total hazard index (HI) for hypothetical onsite residents, as follows:

$$HI = \sum_{n}^{1} HQ_i$$

Where:

HI = Hazard index, unitless
HQi = as defined above, unitless

Since children are known to be more sensitive to chemical exposures, HQs and HIs estimated for children are higher than those estimated for adult receptors. Therefore, it is customary in risk assessments to report only HQs and HIs estimated for child receptors for the residential scenario. This reporting convention is followed in this HHRA.

The estimated HIs are compared to an acceptable hazard level. Implicit in the HI is the assumption of a threshold level of exposure below which no adverse effects are expected to occur. For example, if the HI exceeds unity (because site-specific exposure exceeds the RfD), then the potential for non-cancer adverse effects may exist. In general, the greater the value above 1, the greater the potential hazard. In contrast, an HI equal to or less than 1 indicate that no adverse health effects are expected to occur from exposure to chemicals at the Subject Property.

Using maximum detected soil chemical concentrations, the total HI from residential exposures to onsite soil via incidental ingestion, dermal contact, and inhalation of outdoor air was estimated to be 3 (Table A-5). This estimated total HI exceeds the benchmark value of 1. The chemicals responsible for the exceedance were TPH-motor oil (Table A-5).Supporting calculations are presented in Tables A-1 through A-4 of Attachment A.

It should be noted that the hazard quotient estimated above is based on the maximum detected TPH-motor oil concentration of 4,100 mg/kg at B-4-10 (see Table 1). It should be noted that TPH-motor oil was detected only in 3 of the 10 soil samples collected at the Site (see Table 1). Also, soil sample B-4-10 is located at a depth of 10 feet below ground surface. Since the sample containing the high TPH-motor oil concentration is too deep to be accessible to future onsite residents, it can be concluded that TPH-motor oil detected in soil sample B-4-10 do not pose a health hazard to future onsite residents.

5.3 SOIL EXPOSURE CANCER RISK ESTIMATES

Cancer risks are expressed as the upper-bound, increased likelihood of an individual developing cancer as a result of exposure to a particular chemical. For example, a cancer risk of 1E-04 refers to an upper-bound increased chance of one in ten thousand of developing cancer over a lifetime (0.01 percent risk). The potential increase in cancer risk from exposure to the COPCs detected in soil at the Subject Property is in addition to a background risk of Americans developing cancer. The background risk is one chance in three (0.3 or 3E-01) for every American female, and one chance in two (0.5 or 5E-01) for every American male, of eventually developing cancer (ACS, 2020).

The excess cancer risks were compared to the risk level considered acceptable by federal and state regulatory agencies. The target cancer risk level identified by the DTSC in the Preliminary Endangerment Assessment (PEA) Guidance Manual is 1 in 1 million (1.0E-06). However, the USEPA has established acceptable incremental cancer risk levels to be within the risk range of 1 in 10,000 (1.0E-04) and 1.0E-06; risks greater than 1.0E-04 are generally considered unacceptable.

COPC-specific cancer risks are estimated by multiplying the LADDs for ingestion or dermal exposures by the COPC-specific cancer slope factor (CSF), or by multiplying the exposure concentration (EC_{inh}) by the inhalation unit risk (IUR) factor for inhalation exposures, to arrive at a unitless probability (e.g., 1E-06) of an individual developing cancer.

$$\mathrm{CR_{oral/dermal}} = \mathrm{LADD} \times \mathrm{CSF}$$

$$\mathrm{CR_{inh}} = \mathrm{EC_{inh}} \times \mathrm{IUR}$$

The CRs for each COPC and all exposure pathways were summed to estimate the total cancer risk (CR) for hypothetical onsite residents, as follows:

$$\mathrm{CR_{total}} = \sum_{i=1}^{n} (\mathrm{CR_i})$$

where:

CR_{total}	=	Total cancer risk from all COPCs, unitless
CRi	=	cancer risk from individual COPC I detected in soil, unitless

The incremental cancer risk estimated for hypothetical residential receptors exposed to chemical-impacted soil and dust through the ingestion, dermal and inhalation pathway was 1E-07 5Table A-6). This estimated cancer risk is lower than the DTSC benchmark value of 1E-06 and therefore considered acceptable. Supporting calculations for each exposure pathway are presented in Tables A-5 through A-8 of Attachment A.

5.4 VAPOR INTRUSION NON-CARCINOGENIC HEALTH HAZARDS

For the inhalation exposure pathway, the HQ is defined as the ratio of the exposure concentration (EC) to the reference concentration (RfC). The HQ can be expressed according to the following equation:

$$HQ = \frac{EC}{RfC}$$

Where:

HQ = Hazard quotient, unitless
EC = Exposure concentration, ug/m^3
RfC = Reference concentration, ug/m^3

The estimated HQs are compared to an acceptable hazard level. Implicit in the HQ is the assumption of a threshold level of exposure below which no adverse effects are expected to occur. For example, if the HQ exceeds unity (because site-specific exposure exceeds the RfC), then the potential for non-cancer adverse effects may exist. In general, the greater the value above 1, the greater the potential hazard. In contrast, HQs equal to or less than 1 indicate that no adverse health effects are expected to occur from exposure to chemicals at the site.

According to the USEPA (1989), if the HQ is less than 1, there is no concern for potential chronic adverse health effects from the chemical exposures. The HQ estimated for indoor air exposure was 0.4 (Table A-6) This estimated HQ is below the benchmark value of 1 and therefore considered acceptable to California health and environmental protection agencies.

5.5 VAPOR INTRUSION RISK CHARACTERIZATION

Inhalation cancer risks were calculated in accordance with DTSC (2015) and USEPA (1989) guidelines.

$$Risk = EC \langle IUR$$

Where:
Risk = Upper bound incremental lifetime carcinogenic risk, unitless
EC = Exposure concentration, ug/m^3
IUR = Inhalation unit risk, $(ug/m^3)^{-1}$

Using the maximum detected VOC concentrations, the cancer risk estimated for the site was 2E-05 (Table A-7). This estimated cancer risk exceeds the benchmark value of 1E-06 established by the DTSC (2015). The "risk drivers" for the exceedance were benzene and tetrachloroethene (PCE; Table A-7).

5.5.1 Johnson and Ettinger Model

The results described above indicated that if, in fact, vapor intrusion was to occur at the Site, the maximum detected benzene and PCE concentrations would exceed levels considered acceptable for unrestricted land use.

In an effort to determine whether VOCs detected in soil gas at the Site (including benzene and PCE) could indeed impact indoor air, this section presents further vapor intrusion evaluation considering multiple lines of evidence. According to the new Cal-EPA (2023) vapor intrusion guidance, the potential for vapor intrusion to occur in the future should be evaluated considering multiple Lines of Evidence (LOEs).

In November 2024 the DTSC issued a modified version of the USEPA J&E Model Excel spreadsheet (October 2024; https://dtsc.ca.gov/vapor-intrusion/). The DTSC version of the J&E Model is based on the 2017 USEPA spreadsheet tool (Version 6.0) and provides (a) modifications to correct errors identified in the USEPA spreadsheet, (b) allowing for the use of DTSC-recommended model input values for toxicity factors and building parameters, and (c) including a refinement of the algorithm to calculate vapor transport across the capillary fringe. According to the DTSC, the J&E Model may be used as a supporting line of evidence, when used with other lines of evidence in the conceptual site model, to evaluate the vapor intrusion pathway.

The J&E model is based on the following assumptions:

- The gas-phase chemical migrates vertically through soil pore space up to the ground surface by steady-state diffusion.
- The soil between the chemical sources and the ground surface is assumed to be homogeneous.
- Vapor diffusion is described by a single chemical-specific effective diffusion coefficient.
- No retardation of the soil vapor occurs as the chemical migrates from soil gas sources up to the ground surface.
- Vapor migrates through cracks in the building foundation and mixes instantaneously with indoor air resulting in an ambient indoor air concentration.

The J&E model was run using site-specific soil chemical concentrations and default soil physical properties. The J&E model assumes that the source chemical concentrations do not decrease over time (i.e.; no mass depletion) and the depth to the top of the chemical sources remain constant, which results in an overestimate of long-term exposure effects.

The J&E model assumes that the concentrations in indoor air are proportional to the flux throughout the soil column, and that a gas infiltrating into the building through the foundation floor is uniformly and instantaneously mixed within the air space above the lowest occupied floor of the building. Because this model ignores a number of possible attenuating factors, it is likely that it over-predicts the chemical flux to indoor air. However, because of its simplicity, this approach provides a simple method to estimate the likely maximum rate at which chemicals would be transported to the surface soils and into a building. A copy of the J&E model printout is included in Attachment B.

The HQ and cancer risk estimated by the J&E model for the site are presented in Table A-8. According to the J&E model, the HQ estimated for the site was 0.2 and the cancer risk was 4E-07 (Table A-8). Both the HQ and cancer risk estimated using the J&E model are within levels considered safe and acceptable by California health and environmental protection agencies. Based on these results, it can be concluded that, based on multiple lines of evidence, VOCs detected in

soil gas at the Site do not pose a significant health risk to future onsite residents.

6.0 CONCLUSIONS AND RECOMMENDATIONS

The HHRA presented in this report evaluated the potential health risks posed by the presence of metals, pesticides, PAHs, and TPH in soil and VOCs in soil gas at the Subject Property. The location and the lateral extent of impacted soil and soil gas have been investigated. For the purposes of this risk assessment, all soil and soil gas data collected at the Site have been evaluated as a single area of potential concern.

Exposure pathways evaluated in this HHRA include (1) incidental ingestion of soil, (2) dermal contact with soil and dust, (3) inhalation of soil particles suspended in air; and (4) inhalation of indoor air that may be impacted by VOCs detected in soil gas.

The potential vapor emissions that could be produced by detected VOCs were evaluated in the HHRA. The estimated vapor emissions were used to obtain potential indoor air chemical concentrations that could result from subsurface vapor intrusion. The potential health risk associated with VOC vapor intrusion and subsequent residential exposures were evaluated in this HHRA.

In accordance with DTSC risk assessment guidance, potential health risk and hazards posed by arsenic in soil were not directly evaluated in this HHRA. The guidance specifically states that for arsenic, cleanup levels should be set at the background concentration. The soil arsenic background concentration for Southern California is 12 milligrams per kilogram (mg/kg; DTSC 2022c). The maximum soil arsenic concentration detected at the Site was 50 mg/kg in soil sample (B-4-10 (Table X). Since soil sample B-A-10 is located at a depth of 10 feet below ground surface, the elevated arsenic at this location is considered to be too deep to pose a health risk to future onsite residents.

Results of the HHRA indicate that exposure to chemicals detected in soil could carry a potential cancer risk of less than 4E-07 (Table A-8). The estimated incremental cancer risk is lower than the cancer risk benchmark established by the DTSC and, therefore, considered acceptable.

The hazard index estimated to result from exposure to soil, dust, and indoor air was 3 (Table A-5). The chemical responsible for the exceedance was TPH-motor oil (Table A-5). The estimated hazard quotient for TPH-motor oil is based on the maximum detected concentration of 4,100 mg/kg at B-4-10 (see Table 1). It should be noted that TPH-motor oil was detected only in 3 of the 10 soil samples collected at the Site (see Table 1).

Since the sample containing the high TPH-motor oil concentration is too deep to be accessible to future onsite residents, it can be concluded that TPH-motor oil detected in soil sample B-4-10 do not pose a health hazard to future onsite residents.

The risk and hazard calculations assumed multiple exposures to chemicals via incidental soil ingestion, dermal contact, outdoor inhalation, and inhalation of indoor vapors in accordance with USEPA and DTSC guidance. The results are based on multiple health-protective assumptions. For example, it was assumed that a VOC reservoir is located under the Subject Property and that this VOC reservoir is unlimited in concentrations that are continuously released as vapors for up to 26 years. However, no VOC reservoir is known to exist under the Subject Property.

All conclusions and recommendations presented in this report are based on reported chemical concentrations and the proposed hypothetical land use of the Subject Property. In this risk assessment, all fate-and-transport models, parameters, toxicity data and assumptions were applied in accordance with federal and state regulatory guidelines. These guidelines are meant to protect the public and tend to overestimate potential health risks. As such, this risk assessment provides an estimate of the upper boundary of potential health risks, rather than an accurate representation of true health risks posed by the Subject Property.

7.0 UNCERTAINTY ANALYSIS

Conservative methods, models, and assumptions were utilized during the preparation of this HHRA in accordance with USEPA and DTSC risk assessment guidelines. In general, risk assessments provide a systematic means for organizing, analyzing, and presenting information on the nature and magnitude of potential risks to public health associated with chemical exposures. Despite the advanced state of the current risk assessment methodology, uncertainties and limitations are inherent in the risk assessment process.

To overcome uncertainties in the estimation of health risks, conservative assumptions were used in every step of the process (exposure assumption, toxicity assessment, fate-and-transport modeling, and risk characterization) so as not to underestimate site risks. Because multiple conservative assumptions are used, the overall results of the assessment are more likely to overestimate than to underestimate the actual health risks posed by the Site.

The HHRA was prepared in a manner consistent with that generally used in the consulting community and agency guidance at the time it was prepared. It is likely that risk assessment methods and data identifying and quantifying the toxicity of chemicals will improve with time. The HHRA was based on recently collected data using the current available risk assessment methodology.

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Table A-1 - Exposure Parameters for Onsite Receptors

Exposure Parameters	Units	Residential Scenario		Source
		Adult	Child	
Soil Ingestion Rate (IR-S)	mg/day	100	200	DTSC 2019
Skin Surface Area (SA)	cm^2/day	6,032	2,373	DTSC 2019
Skin Adsorption Factor (ABS)	unitless	chem-specific	chem-specific	DTSC 1994/USEPA 1997a
Adherence Factor (AF)	mg/cm^2	0.07	0.20	DTSC 2019
Fraction of Soil Exposed (FE)	unitless	1.0	1.0	DTSC 2019
Inhalation Rate of Air (IR-A)	m^3/day	20	10	DTSC 2019
Exposure Frequency (EF)	days/year	350	350	DTSC 2019
Exposure Frequency (dermal; EFd)	days/year	350	350	DTSC 2019
Exposure Duration (ED)	years	20	6	DTSC 2019
Exposure Time (ET)	hours/day	24	24	USEPA 2009
Conversion Factor (CF)	kg/mg	1.0E-06	1.0E-06	--
Body Weight (BW)	kg	80	15	DTSC 2019
Averaging Time for Noncarcinogens (AT_n)	days	7,300	2,190	USEPA 1989 (ED*365 dys/yr)
Averaging Hours for Noncarcinogens (AT_n)	hours	175,200	52,560	USEPA 2009
Averaging Time for Carcinogens (AT_c)	days	25,550	25,550	USEPA 1989
Averaging Hours for Carcinogens (AT_c)	hours	613,200	613,200	USEPA 2009

Table A-2 - Indoor Air Exposure Point Concentrations			
Chemical of Potential Concern (COPC)	**CAS Number**	**Maximum Detected Soil Gas Concentration (ug/m^3)**	**Estimated Indoor Chemical Air Concentration (ug/m^3)**
4-Isopropyltoluene	98828	34	1.02E+00
Benzene	71432	28	8.40E-01
Dichlorodifluoromethane	75718	42	1.26E+00
Ethylbenzene	100414	4	1.20E-01
tert-Butylalcohol	1634044	535	1.61E+01
Tetrachloroethene	127184	73	2.19E+00
Toluene	108883	79	2.37E+00
Trichlorofluoromethane	76131	292	8.76E+00
Notes: Attenuation factor (unitless) =		0.03	
ug/m^3 = micrograms per cubic meter NA = Not applicable or not available NE = Not evaluated			

Table A-3 - Toxicity Criteria for Chemicals of Potential Concern in Soil

Chemical	Chronic Oral Reference Dose (RfDo) [mg/kg-day]	Inhalation Reference Concentration (RfCi) [ug/m^3]	Oral Cancer Slope Factor (CSFo) [mg/kg-day]$^{-1}$	Inhalation Unit Risk (IUR) [ug/m^3]$^{-1}$
Metals				
Cadmium	1.0E-03	1.0E-02	NA	4.2E-03
Chromium	NA	NA	NA	NA
Cobalt	3.0E-04	6.0E-03	NA	9.0E-03
Copper	4.0E-02	NA	NA	NA
Molybdenum	5.0E-03	NA	NA	NA
Nickel	1.1E-02	1.4E-02	NA	2.6E-04
Vanadium	5.0E-03	1.0E-01	NA	NA
Zinc	3.0E-01	NA	NA	NA
Pesticides				
4,4'-DDD	3.0E-05	NA	2.4E-01	6.9E-05
4,4'-DDE	3.0E-04	1.2E+00	3.4E-01	9.7E-05
PAHs				
Benzo(a)anthracene	NA	NA	1.0E-01	1.1E-04
Chrysene	NA	NA	1.0E-03	1.1E-05
Fluoranthene	4.0E-02	NA	NA	NA
Pyrene	3.0E-02	1.2E+02	NA	NA
TPH				
TPH (C9-C18 aliphatic medium)	3.0E-02	5.0E+01	NA	NA
TPH (C19-C32 aliphatic high)	3.0E-02	NA	NA	NA

Notes:

c = Cal/EPA Cancer Potency Database 2015

i = Integrated Risk Information System

NA = Not available or not applicable.

Table A-4 - Toxicity Criteria for Chemicals of Potential Concern in Soil Gas		
Chemical	**Chronic Inhalation Reference Concentration (RfC) (ug/m^3)**	**Inhalation Unit Risk $(ug/m^3)^{-1}$**
4-Isopropyltoluene	4.0E+02	NA
Benzene	3.0E+00	2.9E-05
Dichlorodifluoromethane	1.0E+02	NA
Ethylbenzene	1.0E+03	2.5E-06
tert-Butylalcohol	3.0E+03	2.6E-07
Tetrachloroethene	4.0E+01	6.1E-06
Toluene	3.0E+02	NA
Trichlorofluoromethane	1.2E+03	NA

Notes:
Source = Cal/EPA HHRA Note No. 10, 2019
NA = Not applicable or not available

Table A-5 - Estimated Cumulative Risks and Hazards, Residential Exposure Scenario, Multipathway Soil Exposures

COPC	Residential Exposure Scenario		
	Maximum Detected Concentration (mg/kg)	Cancer Risk	Hazard Index
		Adult & Child	Child
Metals			
Cadmium	1.8	2.E-09	3.E-02
Chromium	27	--	--
Cobalt	12	3.E-08	6.E-01
Copper	27	--	1.E-02
Molybdenum	1.2	--	4.E-03
Nickel	18	1.E-09	3.E-02
Vanadium	58	--	2.E-01
Zinc	81	--	4.E-03
Pesticides			
4,4'-DDD	0.041	2.E-08	2.E-02
4,4'-DDE	0.014	9.E-09	7.E-04
PAHs			
Benzo(a)anthracene	0.47	9.E-08	--
Chrysene	0.62	1.E-09	--
Fluoranthene	0.6	--	2.E-04
Pyrene	0.58	--	3.E-04
TPH			
TPH-diesel	660	--	3.E-01
TPH-motor oil	4100	--	2.E+00
TOTAL RISKS and HAZARDS		**1.E-07**	**3.E+00**

Notes:

" -- " = Not Applicable

mg/kg = milligrams per kilogram

Includes Incidental Soil Ingestion, Dermal Contact, and Fugitive Dust Inhalation

EPC: Exposure Point Concentration in milligrams per kilogram used in the risk and hazard calculations

Table A-6 - Health Hazards from Inhalation of Indoor Air					
COPC	Indoor Air Conc. (ug/m^3)	Inhalation Reference Dose (ug/m^3)	Residential Exposure Scenario		
			Average Exposure Conc_nc (ug/m^3)		Hazard Quotient (Unitless)
			Adult Res.	Child Res.	Child Res.
4-Isopropyltoluene	1.0E+00	4.0E+02	9.8E-01	9.8E-01	2.E-03
Benzene	8.4E-01	3.0E+00	8.1E-01	8.1E-01	3.E-01
Dichlorodifluoromethane	1.3E+00	1.0E+02	1.2E+00	1.2E+00	1.E-02
Ethylbenzene	1.2E-01	1.0E+03	1.2E-01	1.2E-01	1.E-04
tert-Butylalcohol	1.6E+01	3.0E+03	1.5E+01	1.5E+01	5.E-03
Tetrachloroethene	2.2E+00	4.0E+01	2.1E+00	2.1E+00	5.E-02
Toluene	2.4E+00	3.0E+02	2.3E+00	2.3E+00	8.E-03
Trichlorofluoromethane	8.8E+00	1.2E+03	8.4E+00	8.4E+00	7.E-03
Total Hazard Index					**4.E-01**

Notes:
ug/m^3 = micrograms per cubic meter
COPC = chemical of potential concern
NA = Not applicable or not available
NE = Not evaluated

Table A-7 - Cancer Risks from Inhalation of Indoor Air					
COPC	Indoor Air Conc. (ug/m^3)	Inhalation Slope Factor $(ug/m^3)^{-1}$	Residential Exposure Scenario		
			Lifetime Exposure Conc_c (ug/m^3)		Cancer Risk (unitless)
			Adult Resident	Child Resident	Adult & Child
4-Isopropyltoluene	1.0E+00	NA	2.8E-01	8.4E-02	NA
Benzene	8.4E-01	2.9E-05	2.3E-01	6.9E-02	9.E-06
Dichlorodifluoromethane	1.3E+00	NA	3.5E-01	1.0E-01	NA
Ethylbenzene	1.2E-01	2.5E-06	3.3E-02	9.9E-03	1.E-07
tert-Butylalcohol	1.6E+01	2.6E-07	4.4E+00	1.3E+00	1.E-06
Tetrachloroethene	2.2E+00	6.1E-06	6.0E-01	1.8E-01	5.E-06
Toluene	2.4E+00	NA	6.5E-01	1.9E-01	NA
Trichlorofluoromethane	8.8E+00	NA	2.4E+00	7.2E-01	NA
Total Cancer Risk					**2.E-05**

Notes:

ug/m^3 = micrograms per cubic meter

COPC = chemical of potential concern

NA = Not applicable or not available

NE = Not evaluated

Table A-8 - Health Hazards and Cancer Risks from Inhalation of Indoor Air Estimated Using the Johnson and Ettinger Model		
COPC	**Hazard Quotient (unitless)**	**Cancer Risk (unitless)**
4-Isopropyltoluene	2.4E-04	NA
Benzene	2.7E-03	2.3E-07
Dichlorodifluoromethane	1.2E-03	NA
Ethylbenzene	1.2E-05	1.1E-08
tert-Butylalcohol	5.1E-04	1.5E-07
Tetrachloroethene	5.3E-03	2.0E-08
Toluene	4.5E-05	NA
Trichlorofluoromethane	1.7E-04	NA
Total Cancer Risk	**1.E-02**	**4.E-07**

Notes:

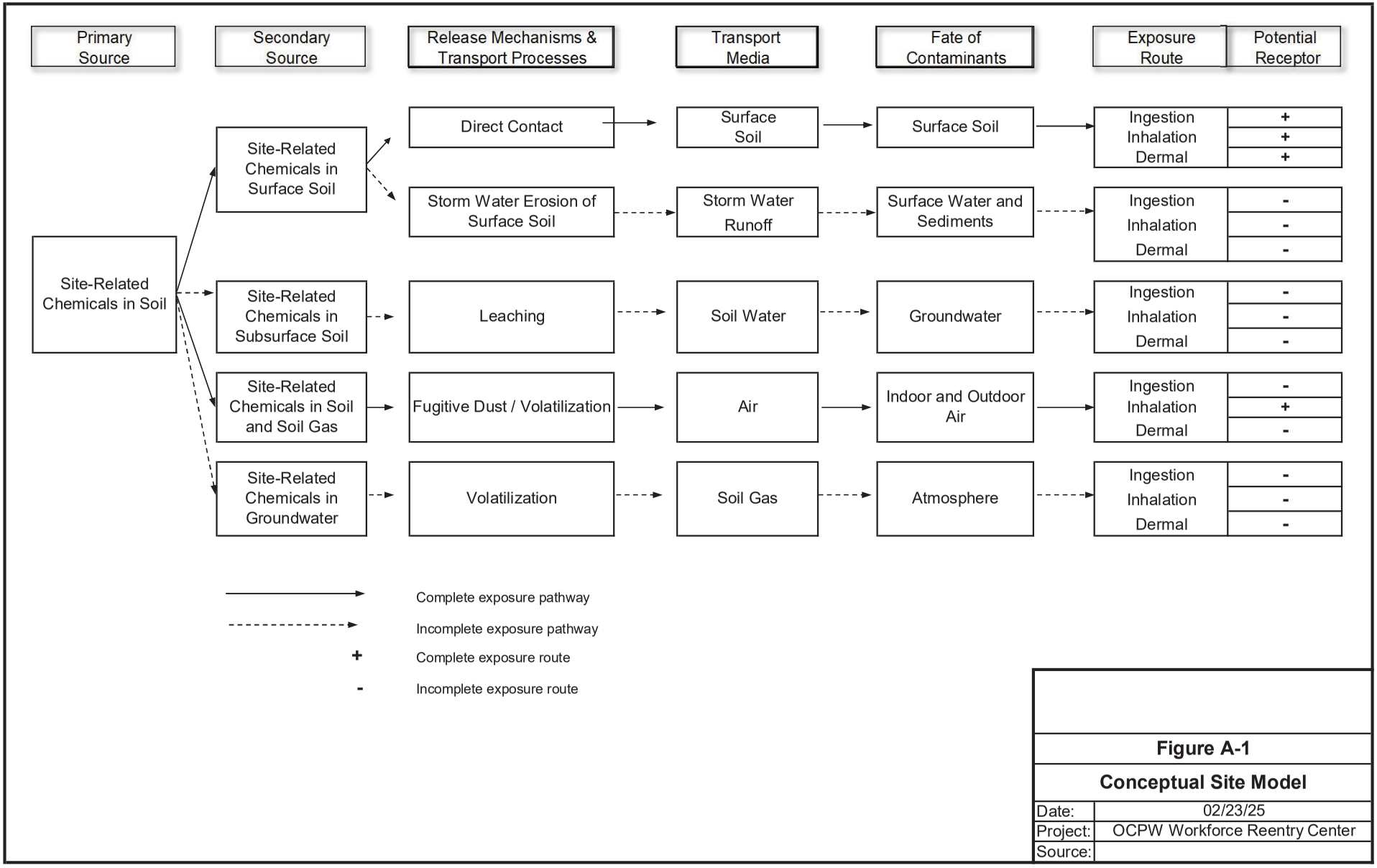

Figure A-1

Conceptual Site Model

Date:	02/23/25
Project:	OCPW Workforce Reentry Center
Source:	

Attachment A

Table A-1 - Health Hazards from Incidental Soil Ingestion

COPC	Maximum Soil Concentration (mg/kg)	Oral Reference Dose (mg/kg-d)	Residential Scenario	
			Average Daily Intake (mg/kg-d)	Hazard Quotient (Unitless)
			Child	Child
Metals				
Cadmium	1.8	1.0E-03	2.30E-05	2.30E-02
Chromium	27	NA	3.45E-04	NA
Cobalt	12	3.0E-04	1.53E-04	5.11E-01
Copper	27	4.0E-02	3.45E-04	8.63E-03
Molybdenum	1.2	5.0E-03	1.53E-05	3.07E-03
Nickel	18	1.1E-02	2.30E-04	2.09E-02
Vanadium	58	5.0E-03	7.42E-04	1.47E-01
Zinc	81	3.0E-01	1.04E-03	3.45E-03
Pesticides				
4,4'-DDD	0.041	3.0E-05	5.24E-07	1.75E-02
4,4'-DDE	0.014	3.0E-04	1.79E-07	5.97E-04
PAHs				
Benzo(a)anthracene	0.47	NA	6.01E-06	NA
Chrysene	0.62	NA	7.93E-06	NA
Fluoranthene	0.6	4.0E-02	7.67E-06	1.92E-04
Pyrene	0.58	3.0E-02	7.42E-06	2.47E-04
TPH				
TPH (C9-C18 aliphatic medium)	660	3.0E-02	8.44E-03	2.81E-01
TPH (C19-C32 aliphatic high)	4100	3.0E-02	5.24E-02	1.75E+00
Total Hazard Index				**2.8E+00**

Notes:

NA = not applicable or not available

Equations:

$$Child\ Intake_{Noncancer}\left(\frac{mg}{kg}day\right) = \frac{CS_{residential} \times IR{\sim}S_{child} \times EF_{child} \times ED_{child} \times CF}{BW_{child} \times AT_{noncancer}}$$

$$Noncancer\ Hazard = \frac{Intake_{noncancer}}{RfD}$$

Table A-2 - Health Hazards from Dermal Contact with Soil

COPC	Maximum Soil Concentration (mg/kg)	Soil-to-Skin Absorption Factor (unitless)	Oral/Dermal Reference Dose (mg/kg-d)	Residential Scenario	
				Average Daily Intake (mg/kg-d)	Hazard Quotient (Unitless)
				Child	Child
Metals					
Cadmium	1.8	0.1	1.0E-03	5.46E-06	5.46E-03
Chromium	27	0.1	NA	8.19E-05	NA
Cobalt	12	0.1	3.0E-04	3.64E-05	1.21E-01
Copper	27	0.1	4.0E-02	8.19E-05	2.05E-03
Molybdenum	1.2	0.1	5.0E-03	3.64E-06	7.28E-04
Nickel	18	0.1	1.1E-02	5.46E-05	4.96E-03
Vanadium	58	0.1	5.0E-03	1.76E-04	3.49E-02
Zinc	81	0.1	3.0E-01	2.46E-04	8.19E-04
Pesticides					
4,4'-DDD	0.041	0.1	3.0E-05	1.24E-07	4.15E-03
4,4'-DDE	0.014	0.1	3.0E-04	4.25E-08	1.42E-04
PAHs					
Benzo(a)anthracene	0.47	0.1	NA	1.43E-06	NA
Chrysene	0.62	0.1	NA	1.88E-06	NA
Fluoranthene	0.6	0.1	4.0E-02	1.82E-06	4.55E-05
Pyrene	0.58	0.1	3.0E-02	1.76E-06	5.87E-05
TPH					
TPH (C9-C18 aliphatic medium)	660	0.1	3.0E-02	2.00E-03	6.67E-02
TPH (C19-C32 aliphatic high)	4100	0.1	3.0E-02	1.24E-02	4.15E-01
Total Hazard Index					**6.6E-01**

Notes:

NA = not applicable or not available

Equations:

$$Child\ Intake_{Noncancer}\left(\frac{mg}{kg}day\right) = \frac{CS_{residential} \times SA_{child} \times AF_{child} \times ABS \times EF_{child} \times ED_{child} \times CF}{BW_{child} \times AT_{noncancer}}$$

$$Noncancer\ Hazard = \frac{Intake_{noncancer}}{RfD}$$

Table A-3 - Health Hazards from Inhalation of Outdoor Air

COPC	Maximum Soil Concentration (mg/kg)	PEF or VEF (m^3/kg)	Inhalation Reference Concentration (ug/m^3)	Residential Scenario	
				Exposure Concentration (ug/m^3)	Hazard Quotient (Unitless)
				Child	Child
Metals					
Cadmium	1.8	1.36E+09	1.0E-02	1.27E-06	1.27E-04
Chromium	27	1.36E+09	NA	1.90E-05	NA
Cobalt	12	1.36E+09	6.0E-03	8.46E-06	1.41E-03
Copper	27	1.36E+09	NA	1.90E-05	NA
Molybdenum	1.2	1.36E+09	NA	8.46E-07	NA
Nickel	18	1.36E+09	1.4E-02	1.27E-05	9.07E-04
Vanadium	58	1.36E+09	1.0E-01	4.09E-05	4.09E-04
Zinc	81	1.36E+09	NA	5.71E-05	NA
Pesticides					
4,4'-DDD	0.041	1.36E+09	NA	2.89E-08	NA
4,4'-DDE	0.014	1.36E+09	1.2E+00	9.87E-09	8.23E-09
PAHs					
Benzo(a)anthracene	0.47	1.36E+09	NA	3.31E-07	NA
Chrysene	0.62	1.36E+09	NA	4.37E-07	NA
Fluoranthene	0.6	1.36E+09	NA	4.23E-07	NA
Pyrene	0.58	1.36E+09	1.2E+02	4.09E-07	3.41E-09
TPH					
TPH (C9-C18 aliphatic medium)	660	1.36E+09	5.0E+01	4.65E-04	9.31E-06
TPH (C19-C32 aliphatic high)	4100	1.36E+09	NA	2.89E-03	NA
Total Hazard Index					**2.9E-03**

Notes:

NA = not applicable or not available

Equations:

Particulate: $Child\ Exposure_{Noncancer}(ug/m^3) = \frac{CS_{residential} \times \frac{1}{PEF} \times EF_{child} \times ED_{child} \times ET_{child}}{AT_{noncancer}}$

VOCs: $Child\ Exposure_{Noncancer}(ug/m^3) = \frac{CS_{residential} \times \frac{1}{VF} \times EF_{child} \times ED_{child} \times ET_{child}}{AT_{noncancer}}$

$$Noncancer\ Hazard = \frac{Intake_{noncancer}}{RfD}$$

Table A-4 - Cumulative Health Hazards from Multipathway Soil Exposure

COPC	Maximum Soil Concentration (mg/kg)	Residential Noncancer Hazard			
		Child Resident			
		Ingestion of Soil	Dermal	Inhalation	Total HI
Metals					
Cadmium	1.8	2.30E-02	5.46E-03	1.27E-04	2.9E-02
Chromium	27	NA	NA	NA	--
Cobalt	12	5.11E-01	1.21E-01	1.41E-03	6.3E-01
Copper	27	8.63E-03	2.05E-03	NA	1.1E-02
Molybdenum	1.2	3.07E-03	7.28E-04	NA	3.8E-03
Nickel	18	2.09E-02	4.96E-03	9.07E-04	2.7E-02
Vanadium	58	1.47E-01	3.49E-02	4.09E-04	1.8E-01
Zinc	81	3.45E-03	8.19E-04	NA	4.3E-03
Pesticides					
4,4'-DDD	0.041	1.75E-02	4.15E-03	NA	2.2E-02
4,4'-DDE	0.014	5.97E-04	1.42E-04	8.23E-09	7.4E-04
PAHs					
Benzo(a)anthracene	0.47	NA	NA	NA	--
Chrysene	0.62	NA	NA	NA	--
Fluoranthene	0.6	1.92E-04	4.55E-05	NA	2.4E-04
Pyrene	0.58	2.47E-04	5.87E-05	3.41E-09	3.1E-04
TPH					
TPH (C9-C18 aliphatic medium)	660	2.81E-01	6.67E-02	9.31E-06	3.5E-01
TPH (C19-C32 aliphatic high)	4100	1.75E+00	4.15E-01	NA	2.2E+00
Total Hazard Index					**3.4E+00**

Note:

"--" not applicable or not available

Table A-5 - Cancer Risks from Incidental Soil Ingestion

COPC	Maximum Soil Concentration (mg/kg)	Oral Slope Factor $(mg/kg\text{-}d)^{-1}$	Residential Scenario	
			Average Daily Intake (mg/kg-d)	Cancer Risk (Unitless)
			Adult & Child	Adult & Child
Metals				
Cadmium	1.8	NA	2.59E-06	NA
Chromium	27	NA	3.88E-05	NA
Cobalt	12	NA	1.73E-05	NA
Copper	27	NA	3.88E-05	NA
Molybdenum	1.2	NA	1.73E-06	NA
Nickel	18	NA	2.59E-05	NA
Vanadium	58	NA	8.34E-05	NA
Zinc	81	NA	1.17E-04	NA
Pesticides				
4,4'-DDD	0.041	2.4E-01	5.90E-08	1.42E-08
4,4'-DDE	0.014	3.4E-01	2.01E-08	6.85E-09
PAHs				
Benzo(a)anthracene	0.47	1.0E-01	6.76E-07	6.76E-08
Chrysene	0.62	1.0E-03	8.92E-07	8.92E-10
Fluoranthene	0.6	NA	8.63E-07	NA
Pyrene	0.58	NA	8.34E-07	NA
TPH				
TPH (C9-C18 aliphatic medium)	660	NA	9.49E-04	NA
TPH (C19-C32 aliphatic high)	4100	NA	5.90E-03	NA
Total Cancer Risk				**8.9E-08**

Notes:

NA = not applicable or not available

Equations:

$$Adult/Child\ Intake_{cancer}\left(\frac{mg}{kg}day\right) = \frac{CS_{residential} \times ING_{adjusted} \times EF\ \times CF}{AT_{cancer}}$$

$$Where\ ING_{adjusted} = \left(\frac{IR{\sim}S_{child} \times ED_{child}}{BW_{child}}\right) + \left(\frac{IR{\sim}S_{adult} \times ED_{adult}}{BW_{adult}}\right.$$

$$Cancer\ Risk = Intake_{cancer} \times CSF$$

Table A-6 - Cancer Risk from Dermal Contact with Soil

COPC	Maximum Soil Concentration (mg/kg)	Soil-to-Skin Absorption Factor (unitless)	Oral/Dermal Slope Factor $(mg/kg\text{-}d)^{-1}$	Residential Scenario	
				Average Daily Intake (mg/kg-d)	Cancer Risk (Unitless)
				Adult & Child	Adult & Child
Metals					
Cadmium	1.8	0.1	NA	7.28E-07	NA
Chromium	27	0.1	NA	1.09E-05	NA
Cobalt	12	0.1	NA	4.86E-06	NA
Copper	27	0.1	NA	1.09E-05	NA
Molybdenum	1.2	0.1	NA	4.86E-07	NA
Nickel	18	0.1	NA	7.28E-06	NA
Vanadium	58	0.1	NA	2.35E-05	NA
Zinc	81	0.1	NA	3.28E-05	NA
Pesticides					
4,4'-DDD	0.041	0.1	2.4E-01	1.66E-08	3.98E-09
4,4'-DDE	0.014	0.1	3.4E-01	5.67E-09	1.93E-09
PAHs					
Benzo(a)anthracene	0.47	0.1	1.0E-01	1.90E-07	1.90E-08
Chrysene	0.62	0.1	1.0E-03	2.51E-07	2.51E-10
Fluoranthene	0.6	0.1	NA	2.43E-07	NA
Pyrene	0.58	0.1	NA	2.35E-07	NA
TPH					
TPH (C9-C18 aliphatic medium)	660	0.1	NA	2.67E-04	NA
TPH (C19-C32 aliphatic high)	4100	0.1	NA	1.66E-03	NA
Total Cancer Risk					**2.5E-08**

Notes:

NA = not applicable or not available

Equations:

$$Adult/Child\ Intake_{cancer}\left(\frac{mg}{kg}day\right) = \frac{CS_{residential} \times SAF_{adjusted} \times ABS \times CF}{AT_{cancer}}$$

$$Where\ SAF_{adjusted} = \left(\frac{SA_{child} \times AF_{child} \times EF_{child} \times ED_{child}}{BW_{child}}\right) + \left(\frac{SA_{adult} \times AF_{adult} \times EF_{adult} \times ED_{adult}}{BW_{adult}}\right.$$

$$Cancer\ Risk = Intake_{cancer} \times CSF$$

Table A-7 - Cancer Risks from Inhalation of Outdoor Air

COPC	Maximum Soil Concentration (mg/kg)	PEF or VEF (m^3/kg)	Inhalation Unit Risk $(ug/m^3)^{-1}$	Residential Scenario	
				Exposure Concentration (ug/m^3)	Cancer Risk (Unitless)
				Adult & Child	Adult & Child
Metals					
Cadmium	1.8	1.36E+09	4.2E-03	4.71E-07	1.98E-09
Chromium	27	1.36E+09	NA	7.07E-06	NA
Cobalt	12	1.36E+09	9.0E-03	3.14E-06	2.83E-08
Copper	27	1.36E+09	NA	7.07E-06	NA
Molybdenum	1.2	1.36E+09	NA	3.14E-07	NA
Nickel	18	1.36E+09	2.6E-04	4.71E-06	1.23E-09
Vanadium	58	1.36E+09	NA	1.52E-05	NA
Zinc	81	1.36E+09	NA	2.12E-05	NA
Pesticides					
4,4'-DDD	0.041	1.36E+09	6.9E-05	1.07E-08	7.41E-13
4,4'-DDE	0.014	1.36E+09	9.7E-05	3.67E-09	3.56E-13
PAHs					
Benzo(a)anthracene	0.47	1.36E+09	1.1E-04	1.23E-07	1.35E-11
Chrysene	0.62	1.36E+09	1.1E-05	1.62E-07	1.79E-12
Fluoranthene	0.6	1.36E+09	NA	1.57E-07	NA
Pyrene	0.58	1.36E+09	NA	1.52E-07	NA
TPH					
TPH (C9-C18 aliphatic medium)	660	1.36E+09	NA	1.73E-04	NA
TPH (C19-C32 aliphatic high)	4100	1.36E+09	NA	1.07E-03	NA
Total Cancer Risk					**3.2E-08**

Notes:

NA = not applicable or not available

Equations:

$$Particulate\ Exposure\ Concentration\ (\frac{ug}{m^3}) = (\frac{CS \times EF_{child} \times ED_{child} \times ET_{child}}{PEF \times AT_c}) + (\frac{CS \times EF_{adult} \times ED_{adult} \times ET_{adult}}{PEF \times AT_c}$$

$$VOC\ Exposure\ Concentration\ (\frac{ug}{m^3}) = \frac{CS \times EF \times ED \times ET}{VF \times AT_c}$$

$$Cancer\ Risk = Intake_{cancer} \times CSF$$

Table A-8 - Cumulative Cancer Risks from Multipathway Soil Exposure

COPC	Maximum Soil Concentration (mg/kg)	Residential Cancer Risk			
		Adult & Child Resident			
		Ingestion	Dermal	Inhalation	Total Risk
Metals					
Cadmium	1.8	NA	NA	2.0E-09	2.0E-09
Chromium	27	NA	NA	NA	--
Cobalt	12	NA	NA	2.8E-08	2.8E-08
Copper	27	NA	NA	NA	--
Molybdenum	1.2	NA	NA	NA	--
Nickel	18	NA	NA	1.2E-09	1.2E-09
Vanadium	58	NA	NA	NA	--
Zinc	81	NA	NA	NA	--
Pesticides					
4,4'-DDD	0.041	1.4E-08	4.0E-09	7.4E-13	1.8E-08
4,4'-DDE	0.014	6.8E-09	1.9E-09	3.6E-13	8.8E-09
PAHs					
Benzo(a)anthracene	0.47	6.8E-08	1.9E-08	1.4E-11	8.7E-08
Chrysene	0.62	8.9E-10	2.5E-10	1.8E-12	1.1E-09
Fluoranthene	0.6	NA	NA	NA	--
Pyrene	0.58	NA	NA	NA	--
TPH					
TPH (C9-C18 aliphatic medium)	660	NA	NA	NA	--
TPH (C19-C32 aliphatic high)	4100	NA	NA	NA	--
Total Cancer Risk					**1.5E-07**

Note:

"--" not applicable or not available